

WORLD PERLITE BIBLIOGRAPHY

by



Thermal Insulating Perlite Plaster

<http://sivaper.com/en/index.html>

<http://www.tasper.com.tr/en/index.html>

Istanbul, Turkey, 24 October 2013



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This Study seems as the second (*) attempt in its field.

In this stage, it is an extensive outline and has to be developed.

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WEB DOCUMENTS: <http://www.perlite.org/library-perlite-info/perlite-library.html#plaster>

ABOUT PERLITE

[Perlite in Industry \(The Perlite Wheel\)](#) [NEW]

[Why Perlite Works](#) [NEW]

[Perlite and Sustainability](#) [NEW]

[Physical Characteristics of Perlite](#) [UPDATED]

[Health Effects of Perlite](#) [UPDATED]

[The Perlite House](#) [NEW]

HORTICULTURE

—GREEN ROOFS

[Gardens in the Sky: Growing Food on Rooftops](#) [NEW]

[Roof Gardens that are Gentle on the Roof](#) [NEW]

[Container Growing with 100% Perlite and Perlite /Peat Mixes](#)

—PROPAGATION

[Indoor Gardening with Perlite](#)

[Cultivation of Spruce Seedlings in Mixtures of Perlite and Sphagnum Peat in Norway](#)

—IN THE GROUND

[Horticultural Perlite Solves Compaction Problem at New Stadium](#)

[Horticultural Perlite - The Natural Growing Media for Outdoor Gardening](#)

[Renovating Golf Greens with Horticultural Perlite](#)

[Effective Watering with Horticultural Perlite](#)

—HYDROPONICS

[The Role of Perlite in Hydroponic Culture](#)

[Hydroponic Culture of Strawberries in Perlite](#)

[Growing Orchids in Perlite](#)

—TECHNICAL

[The Concern Over Fluorides](#)

[Perlite vs. Polystyrene in Potting Mixes](#)

[Perlite Gradation and Peat/Perlite Mixtures](#)

[Comparative Growth Studies Perlite vs. Polystyrene Media](#)

[Rice Hulls vs. Perlite and Vermiculite](#)

CONSTRUCTION

[The Perlite House](#) [NEW]

[Underslab Insulation Using Perlite Bags \[UPDATED\]](#)

—LIGHTWEIGHT INSULATING CONCRETE

[Overview of Perlite Concrete](#)

[Perlite Aggregate for Lightweight Tile Mortars](#)

[Transit Mix Perlite Concrete](#)

[Insulating Underground Pipe and Ducting with Perlite Insulating Concrete](#)

[Perlite Insulating Concrete Pool Base for In-Ground Vinyl Pools](#)

(for specifications on Aggregates for Perlite Concrete refer to ASTM C332)

—CONCRETE ROOF DECKS

[Perlite Insulating Concrete Roofdeck](#)

[Perlite Insulating Concrete Roofdeck \(Specs\)](#)

[Nail Holding Power of Perlite Concrete](#)

—PERLITE PLASTERS

[Lightweight Aggregate for Portland Cement Plasters and Gypsum Plasters](#)

[Perlite for Textured Coatings \[UPDATED\]](#)

[Lightweight Fiber Reinforced Perlite Cement Plasters](#)

(for specifications refer to UL C35)

INSULATION

[A Guide for the Bulk Handling of Expanded Perlite](#)

—MASONRY FILL PERLITE

[Thermal Performance of Masonry Walls Insulated with Perlite](#)

[Perlite Loose Fill Masonry Insulation \[UPDATED\]](#)

(for specifications on Perlite Loose Fill Insulation refer to ASTM C 549-02)

—CRYOGENIC / HIGH TEMPERATURE INSULATION

[Perlite for Non Evacuated Cryogenic and Low Temperature Service \[UPDATED\]](#)

["Super" Insulating Perlite for Evacuated Cryogenic Service](#)

[Evacuated Perlite](#)

[Perlite Loose Fill Insulation-Building, High Temperature,
Low Temperature and Cryogenic Applications](#)

—OTHER INSULATION APPLICATIONS

[Underslab Insulation Using Perlite in Bags \[UPDATED\]](#)

[Perlite Chimney Lining Systems Solve Condensate Problems
in Old and New Chimneys](#)

[Silicone Treated Perlite - Loose Fill Insulation](#)

INDUSTRIAL APPLICATIONS

[Perlite in Lightweight Formed Products \[UPDATED\]](#)

[High Temperature Applications for Perlite in the Steel & Foundry Industries](#)

[Perlite for Use in Well Cements](#)

[Perlite Volcanic Glass as a Hollow Microsphere Filler](#)

[Lightweight Fillers for Glass/Reinforced Polyester](#)

[Perlite Volcanic Glass as a Glass Flake Filler](#)

[Perlite in Simulated Stone, Masonry and Wood Products](#)

[Perlite as an Absorbent or Carrier](#)

FILTRATION

—PERLITE FILTER AIDS

[Perlite Filter Aids \[UPDATED\]](#)

<https://www.worldcat.org/> **KW: SEARCH RESULTS OF PERLITE**

***** (Very important note: Publication data will appear on the screen, if ctrl key is pressed and arrived at blue-colored writings with mouse cursor and mouse is clicked.**

When publication data of any record that does not include perlite is revealed, perlite search is done with ctrl+f and it is understood why the record is included in the study.)

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Article Colon-Specific Drug Delivery Behavior of pH-Responsive PMAA/Perlite Composite

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Issue: 4 Pages: 1546-1556 DOI: 10.3390/ijms11041546

Article Effect of Different Levels of Perlite on Performance of Broiler Chicks

Authors: Hassan Talebali --- Amjad Farzinpour

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5 Issue: 5 Pages: 432-435

Article Growing Tomato Plantlets on Various Mixtures of Peat and Sand or Peat and Perlite. Note 1

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322 DOI: 10.4081/ija.2006.315

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Article Effect of Different Levels of Perlite on Blood Parameters in Broiler Chicks

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Article EVALUATION OF ADSORPTION OF COPPER IONS IN THE PERLITE USING DIFFERENTIAL PULSE VOLTAMMETRY EMPLOYING A CHITOSAN MODIFIED GLASSY CARBON ELECTRODE

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Authors: Jamshid Ghiasi Ghalehkandi --- Habib Karamouz --- Naser Maheri Sis --- Yahya Ebrahim Nezhad --- et al.

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Article Interaction of sodium and magnesium on some growth characteristics and chlorophyll content of pistachio in perlite substrate

Authors: F. Zad-Salehi --- V. Mozaffari --- A. Taj-Abadipour --- H. Hokmabadi

Journal: Journal of Science and Technology of Greenhouse Culture ISSN/EISSN: 20089082 20089953
Year: 2011 Volume: 2 Issue: 6 Pages: 23-35

Article Compressive and splitting tensile strength of autoclaved aerated concrete (AAC) containing perlite aggregate and polypropylene fiber subjected to high temperatures

Author: Borvorn Israngkura Na Ayudhya

Journal: Songklanakarin Journal of Science and Technology ISSN/EISSN: 01253395 Year: 2011
Volume: 33 Issue: 5 Pages: 555-563

Article Light Panels Based on Expanded Perlite, Application as Adsorbers and Insulator against Rapid Evaporation in Subsaharien Countries

Authors: Mohamed Tahiri --- Fatiha Benzha --- Aziz El Makssoudi

Journal: Journal of Environmental Protection ISSN/EISSN: 21522197 21522219 Year: 2012 Volume: 03
Issue: 02 Pages: 203-210 DOI: 10.4236/jep.2012.32025

Article Effects of salinity and manganese on growth and chemical composition of pistachio (Pistacia vera L.) seedlings in perlite medium

Authors: Z. Asadollahi --- V. Mozaffari

Journal: Journal of Science and Technology of Greenhouse Culture ISSN/EISSN: 20089082 20089953
Year: 2013 Volume: 3 Issue: 12 Pages: 13-28

Article Respiratory Disease Related Mortality and Morbidity on an Island of Greece Exposed to Perlite and Bentonite Mining Dust

Authors: Stefanos Sampatakakis --- Athena Linos --- Eleni Papadimitriou --- Athanasios Petralias --- et al.

Journal: International Journal of Environmental Research and Public Health ISSN/EISSN: 16604601
Year: 2013 Volume: 10 Issue: 10 Pages: 4982-4995 DOI: 10.3390/ijerph10104982

Article Utilization of Natural Zeolite and Perlite as Landfill Liners for in Situ Leachate Treatment in Landfills

Authors: Ummukulsum Ozel --- Andaç Akdemir --- Osman Nuri Ergun

Journal: International Journal of Environmental Research and Public Health ISSN/EISSN: 16604601
Year: 2012 Volume: 9 Issue: 5 Pages: 1581-1592 DOI: 10.3390/ijerph9051581

Article The study of compressive strength in different cement types and dosages of concretes made . by using 60% pumice and 40% perlite

Authors: M. Haluk Celik --- M. Durmaz

Journal: Contemporary Engineering Sciences ISSN/EISSN: 13136569 13147641 Year: 2012 Volume: 5
Issue: 6 Pages: 287-293

**<http://www.sciencedirect.com> 127 articles found for:
KEYWORDS(PERLITE)**

1

Manufacture of high heat conductivity resistant clay bricks containing perlite Original Research
Article

Building and Environment, Volume 42, Issue 10, October 2007, Pages 3540-3546

İlker Bekir Topçu, Burak Işıkdag

2

Effect of expanded perlite aggregate on the properties of lightweight concrete Original Research Article

Journal of Materials Processing Technology, Volume 204, Issues 1–3, 11 August 2008, Pages 34-38

İlker Bekir Topçu, Burak Işıkdag

3

Zeta potential of unexpanded and expanded perlite samples in various electrolyte media Original Research Article

Microporous and Mesoporous Materials, Volume 84, Issues 1–3, 15 September 2005, Pages 192-200

Mahir Alkan, Özkan Demirbaş, Mehmet Dogan

4

pH-Dependent surface properties of perlite: Effects of plant growth Original Research Article

Geoderma, Volume 158, Issues 3–4, 15 September 2010, Pages 275-281

A. Silber, B. Bar-Yosef, I. Levkovitch, S. Soryano

5

Use of perlite as a pozzolanic addition in producing blended cements Original Research Article

Cement and Concrete Composites, Volume 29, Issue 1, January 2007, Pages 13-21

T.K. Erdem, Ç. Meral, M. Tokyay, T.Y. Erdoğan

6

Use of perlite powder to suppress the alkali–silica reaction Original Research Article

Cement and Concrete Research, Volume 35, Issue 10, October 2005, Pages 2014-2017

F. Bektas, L. Turanli, P.J.M. Monteiro

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Early-age activation of cement pastes and mortars containing ground perlite as a pozzolan Original Research Article

Cement and Concrete Composites, Volume 38, April 2013, Pages 29-39

Sinan Turhan Erdoğan, Aslı Ünsal Sağlık

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Dispersion and Sorption of Oil Spills . by Emulsifier-Modified Expanded Perlite Original Research Article

Spill Science & Technology Bulletin, Volume 8, Issues 5–6, 2003, Pages 425-431

M Roulia, K Chassapis, Ch Fotinopoulos, Th Savvidis, D Katakis

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9

Adsorption of Ag, Cu and Hg from aqueous solutions using expanded perlite Original Research Article

Journal of Hazardous Materials, Volume 177, Issues 1–3, 15 May 2010, Pages 950-955

Hamid Ghassabzadeh, Ahmad Mohadespour, Meisam Torab-Mostaedi, Parisa Zaheri, Mohammad Ghannadi Maragheh, Hossein Taheri

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Adsorption of thorium from aqueous solutions . by perlite Original Research Article

Journal of Environmental Radioactivity, Volume 100, Issue 2, February 2009, Pages 139-143

Z. Talip, M. Eral, Ü. Hiçsönmez

11

Preparation of surface-vitrified micron sphere using perlite from Xinyang, China Original Research Article

Applied Clay Science, Volume 53, Issue 4, October 2011, Pages 745-748

Qiangshan Jing, Linxia Fang, Hongyan Liu, Peng Liu

Graphical abstract

image

► Micron porous sphere with vitrified surface is prepared . by expanding the perlite. ► Expansion process is simulated in an electric furnace . by controlling temperature. ► Expansion ratio is strongly influenced . by the raw grain size. ► Horizontal electric furnace is a good candidate in engineering applications.

12

Zinc adsorption . by perlite: Effects of pH, ionic strength, temperature, and pre-use as growth substrate Original Research Article

Geoderma, Volume 170, 15 January 2012, Pages 159-167

A. Silber, B. Bar-Yosef, S. Suryano, I. Levkovitch

► Zinc adsorption . by perlite was dependent on pH, ionic strength, and temperature. ► Elevating temperature significantly raised the pH and enhanced Zn adsorption. ► Zn adsorption indirectly

affected the partitioning of different ions, especially P. ► An effect of 'enhanced P adsorption induced . by Zn adsorption' was observed.

13

Perlite Exposure and 4-Year Change in Lung Function Original Research Article

Environmental Research, Volume 86, Issue 3, July 2001, Pages 238-243

Mehmet Polatli, Münevver Erdiñç, Ertürk Erdiñç, Emel Okyay

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Zeta potentials of perlite samples in various electrolyte and surfactant media Original Research Article

Colloids and Surfaces A: Physicochemical and Engineering Aspects, Volume 259, Issues 1–3, 31 May 2005, Pages 155-166

Mahir Alkan, Mecit Karadaş, Mehmet Doğan, Özkan Demirbaş

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Thermo-mechanical properties of fiber reinforced raw perlite concrete

Materials Letters, Volume 61, Issue 29, December 2007, Pages 5145-5149

Rüstem Gül, Ersin Okuyucu, İbrahim Türkmen, Abdulkadir Cüneyt Aydın

16

Covalent attachment of cholesterol oxidase and horseradish peroxidase on perlite through silanization: Activity, stability and co-immobilization Original Research Article

Journal of Biotechnology, Volume 131, Issue 2, 31 August 2007, Pages 111-120

Seyed-Fakhreddin Torabi, Khosro Khajeh, Salehe Ghasempur, Nasser Ghaemi, Seyed-Omid Ranaei Siadat

17

Impact response of lightweight mortars containing expanded perlite Original Research Article

Cement and Concrete Composites, Volume 37, March 2013, Pages 205-214

Derek Kramar, Vivek Bindiganavile

18

Characterizations of Co (II) and Pb (II) removal process from aqueous solutions using expanded perlite Original Research Article

Desalination, Volume 261, Issues 1–2, 15 October 2010, Pages 73-79

Hamid Ghassabzadeh, Meisam Torab-Mostaedi, Ahmad Mohaddespour, Mohammad Ghannadi Maragheh, Seyyed Javad Ahmadi, Parisa Zaheri

19

Suppressiveness to *Fusarium oxysporum* f. sp. *radicis lycopersici* in re-used perlite and perlite–peat substrates in soilless tomatoes Original Research Article

Biological Control, Volume 48, Issue 2, February 2009, Pages 108-114

Francesca Clematis, Andrea Minuto, Maria Lodovica Gullino, Angelo Garibaldi

20

Experimental and numerical investigation of a hollow brick filled with perlite insulation Original Research Article

Energy and Buildings, Volume 42, Issue 9, September 2010, Pages 1402-1408

M. Zukowski, G. Haese

21

Influence of the degree of perlite expansion on immobilization of *Acinetobacter junii* Original Research Article

Biochemical Engineering Journal, Volume 51, Issue 3, 15 September 2010, Pages 117-123

T. Ivankovic, J. Hrenovic, L. Sekovanic

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Evaluation of fiber reinforced nanostructured perlite-cementitious surface compounds for building skin applications Original Research Article

Construction and Building Materials, Volume 23, Issue 1, January 2009, Pages 138-145

H. Aglan, M. Morsy, A. Allie, F. Fouad

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A small animal model study of perlite and fir bark dust on Guinea pig lungs Original Research Article

Journal of Pharmacological Methods, Volume 9, Issue 3, May 1983, Pages 209-217

Robert F. McMichael, Joseph R. DiPalma, Robert Blumenstein, Peter S. Amenta, Allan P. Freedman, Edward J. Barbieri

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24

Basidiomycete cryopreservation on perlite: Evaluation of a new method

Cryobiology, Volume 52, Issue 3, June 2006, Pages 446-453

Ladislav Homolka, Ludmila Lisá, František Nerud

25

Basidiomycete cultures on perlite survive successfully repeated freezing and thawing in cryovials without subculturing

Journal of Microbiological Methods, Volume 69, Issue 3, June 2007, Pages 529-532

Ladislav Homolka, Ludmila Lisá, František Nerud

26

Characterization of flat membrane support elaborated from local Moroccan Perlite Original Research Article

Desalination, Volume 277, Issues 1–3, 15 August 2011, Pages 61-66

A. Majouli, S. Alami Younssi, S. Tahiri, A. Albizane, H. Loukili, M. Belhaj

Research

► New ceramic support with flat configuration was prepared from natural perlite. ► Perlite has been dictated . by their natural abundance and their beneficial properties. ► Support need lower firing temperature in comparison with metal oxide materials. ► Structural properties of perlite support are satisfying in terms of porosity and pore diameter. ► Perlite based material is appropriate for the development of supports for microfiltration membranes.

27

Effect of expanded perlite on the mechanical properties and thermal conductivity of lightweight concrete Original Research Article

Energy and Buildings, Volume 43, Issues 2–3, February–March 2011, Pages 671-676

Ozkan Sengul, Senem Azizi, Filiz Karaosmanoglu, Mehmet Ali Tasdemir

28

Water retention properties of perlite as a material with crushable soft particles Original Research Article

Engineering Geology, Volume 122, Issues 3–4, 10 October 2011, Pages 261-271

M. Jamei, H. Guiras, Y. Chtourou, A. Kallel, E. Romero, I. Georgopoulos

► Results of the X-Ray Diffraction (XRD) are given. ► Some chemical tests and the chemical results are now given. ► Prediction of permeability across the water retention curve is given. ► Some comments are added which clarify some ideas. ► Some references are also added.

29

Gas-phase photocatalytic decomposition of ethylbenzene over perlite granules coated with indium doped TiO₂ Original Research Article

Chemical Engineering Journal, Volume 224, 15 May 2013, Pages 106-113

M. Hinojosa-Reyes, S. Arriaga, L.A. Diaz-Torres, V. Rodríguez-González

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Graphical abstract

image

► The In–TiO₂ was coated on silicate granules for gas-phase ethylbenzene degradation. ► Plug-flow reactor packed with In–TiO₂/granules was used to evaluate the degradation. ► In–TiO₂ coated/granules show an enhanced decomposition rate of ethylbenzene. ► Photodecomposition rate of ethylbenzene strongly depends on the % of In₂O₃ into TiO₂. ► In₂O₃–TiO₂/perlite composites may be a practical way to decompose VOCs in moist gas.

30

Hydraulic characteristics of composted pig manure, perlite, and mixtures of them, and their impact on cucumber grown on bags Original Research Article

Scientia Horticulturae, Volume 129, Issue 1, 25 May 2011, Pages 135-141

Ola Al Naddaf, Ioannis Livieratos, Aristides Stamatakis, Ioannis Tsirogiannis, George Gizas, Dimitrios Savvas

► Composted pig manure (CPM) can successfully substitute for perlite as a growth medium in cucumber crops. ► Height of containerized CPM has a strong impact on agronomic performance which is associated to water availability. ► Yield of cucumber grown in bags with CPM alone or mixed with perlite is higher when bag height is 10 cm than 20 cm. ► Hydraulic conductivity is sharply reduced with increasing height in the bulk of CPM alone or mixed with perlite.

31

Adsorption kinetics of methyl violet onto perlite Original Research Article

Chemosphere, Volume 50, Issue 4, January 2003, Pages 517-528

Mehmet Doğan, Mahir Alkan

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Energy and exergy assessments of a perlite expansion furnace in a plaster plant Original Research Article

Energy Conversion and Management, Volume 75, November 2013, Pages 488-497

Mert Gürtürk, Hakan F. Oztop, Arif Hepbaslı

33

Perlite incorporating γ -Fe₂O₃ and α -MnO₂ nanomaterials: Preparation and evaluation of a new adsorbent for As(V) removal Original Research Article

Separation and Purification Technology, Volume 82, 27 October 2011, Pages 93-101

Dong Nguyen Thanh, Mandeep Singh, Pavel Ulbrich, Nina Strnadova, František Štěpánek

Graphical abstract

image

► Novel composite material for As(V) adsorption synthesized. ► Complete structural characterization carried out. ► Kinetics and equilibria for As(V) adsorption obtained. ► High sorption capacity thanks to incorporated nanomaterials.

34

Removal of radioactive elements from aqueous solutions . by adsorption onto polyacrylamide–expanded perlite: Equilibrium, kinetic, and thermodynamic study Original Research Article

Desalination, Volume 321, 15 July 2013, Pages 3-8

Recep Akkaya

► Adsorption capacities (XL) of uranium and thorium ions were found to be 0.66 and 0.77 mol kg⁻¹.
► Adsorption data for uranium and thorium ions were well fitted . by the Langmuir and D–R isotherms. ► Kinetic data corresponds well to the second order equation. ► Uranium and thorium ion adsorption onto P(AAm–EP) composite is an endothermic and spontaneous process. ► The composite is reused up to 5 times with no loss of removal efficiency.

35

Batch kinetic study of sorption of methylene blue . by perlite Original Research Article

Chemical Engineering Journal, Volume 106, Issue 1, 28 January 2005, Pages 73-81

Bilal Acemioğlu

36

Investigation on pozzolanic effect of perlite powder in concrete Original Research Article

Cement and Concrete Research, Volume 33, Issue 1, January 2003, Pages 73-76

L.-H Yu, H Ou, L.-L Lee

37

A comparative study of the removal of trivalent chromium from aqueous solutions . by bentonite and expanded perlite Original Research Article

Journal of Hazardous Materials, Volume 95, Issues 1–2, 11 November 2002, Pages 29-46

Achraf Chakir, Jacques Bessiere, Kacem EL. Kacemi, Bouchaïb Marouf

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Dispersion of chitosan on perlite for enhancement of copper(II) adsorption capacity Original Research Article

Journal of Hazardous Materials, Volume 152, Issue 2, 1 April 2008, Pages 826-837

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Elaboration of new tubular ceramic membrane from local Moroccan Perlite for microfiltration process. Application to treatment of industrial wastewaters Original Research Article

Ceramics International, Volume 38, Issue 5, July 2012, Pages 4295-4303

A. Majouli, S. Tahiri, S. Alami Younssi, H. Loukili, A. Albizane

40

Kinetics and mechanism of arsenate removal . by nanosized iron oxide-coated perlite Original Research Article

Journal of Hazardous Materials, Volume 187, Issues 1–3, 15 March 2011, Pages 89-95

M.G. Mostafa, Yen-Hua Chen, Jiin-Shuh Jean, Chia-Chuan Liu, Yao-Chang Lee

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Adsorption characteristics of Cu(II) and Pb(II) onto expanded perlite from aqueous solution Original Research Article

Journal of Hazardous Materials, Volume 148, Issues 1–2, 5 September 2007, Pages 387-394

Ahmet Sari, Mustafa Tuzen, Demirhan Cıtaç, Mustafa Soylak

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The effect of moisture content on sound absorption of expanded perlite plates Original Research Article

Building and Environment, Volume 40, Issue 3, March 2005, Pages 311-318

Semiha Yilmazer, Mesut B. Ozdeniz

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Electrokinetic Properties of Perlite Original Research Article

Journal of Colloid and Interface Science, Volume 192, Issue 1, 1 August 1997, Pages 114-118

Mehmet Dög, Mahir Alkan, Ümit Çakır

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Comparative study of lead sorption onto natural perlite, dolomite and diatomite Original Research Article

Chemical Engineering Journal, Volume 178, 15 December 2011, Pages 317-323

Mohammad Irani, Mehdi Amjadi, Mohammad Ali Mousavian

45

Adsorption of CTAB onto perlite samples from aqueous solutions Original Research Article

Journal of Colloid and Interface Science, Volume 291, Issue 2, 15 November 2005, Pages 309-318

Mahir Alkan, Mecit Karadaş, Mehmet Doğan, Özkan Demirbaş

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Synthesis of ZSM-5 zeolite from expanded perlite/kaolin and its catalytic performance for FCC naphtha aromatization

Catalysis Communications, Volume 8, Issue 10, October 2007, Pages 1452-1456

Ping Wang, Baojian Shen, Dongdong Shen, Tong Peng, Jinsen Gao

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Study of oil sorption . by expanded perlite at 298.15 K Original Research Article

Separation and Purification Technology, Volume 52, Issue 2, December 2006, Pages 295-300

D. Bastani, A.A. Safekordi, A. Alihosseini, V. Taghikhani

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Perlite as a carrier for bacterial inoculants Original Research Article

Soil Biology and Biochemistry, Volume 32, Issue 4, April 2000, Pages 567-572

A Daza, C Santamaría, D.N Rodríguez-Navarro, M Camacho, R Orive, F Temprano

49

Preparation and properties of lauric acid–stearic acid/expanded perlite composite as phase change materials for thermal energy storage

Materials Letters, Volume 67, Issue 1, 15 January 2012, Pages 352-354

Changmei Jiao, Baohua Ji, Dong Fang

Graphical abstract

image

► Lauric acid–stearic acid (LA-SA)/expanded perlite (EP) were prepared . by vacuum impregnation.
► The melting temperature of LA-SA/EP is about 33.0 °C and the latent heat is 131.3 J/g. ► LA-SA/EP have good thermal stability. ► LA-SA/EP have potential applications for thermal energy storage and conservation in buildings.

50

Surface properties of poly(vinylimidazole)-adsorbed expanded perlite Original Research Article

Microporous and Mesoporous Materials, Volume 93, Issues 1–3, 28 July 2006, Pages 125-133

N. Tekin, E. Kadıncı, Ö. Demirbaş, M. Alkan, A. Kara, M. Doğan

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Surface Titrations of Perlite Suspensions Original Research Article

Journal of Colloid and Interface Science, Volume 207, Issue 1, 1 November 1998, Pages 90-96

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Removal of methyl violet from aqueous solution . by perlite Original Research Article

Journal of Colloid and Interface Science, Volume 267, Issue 1, 1 November 2003, Pages 32-41

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The effects of expanded perlite aggregate, silica fume and fly ash on the thermal conductivity of lightweight concrete Original Research Article

Cement and Concrete Research, Volume 33, Issue 5, May 2003, Pages 723-727

Ramazan Demirboğa, Rüstem Gül

54

Effects of expanded perlite aggregate and different curing conditions on the physical and mechanical properties of self-compacting concrete Original Research Article

Building and Environment, Volume 42, Issue 6, June 2007, Pages 2378-2383

İbrahim Türkmen, Abdulhamit Kantarcı

55

Competitive adsorption of Cu (II), Co (II) and Ni (II) from their binary and tertiary aqueous solutions using chitosan-coated perlite beads as biosorbent Original Research Article

Journal of Hazardous Materials, Volume 170, Issues 2–3, 30 October 2009, Pages 680-689

Kalyani Swayampakula, Veera M. Boddu, Siva Kumar Nadavala, Krishnaiah Abburi

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Immobilization of TiO₂ on perlite granules for photocatalytic degradation of phenol Original Research Article

Applied Catalysis B: Environmental, Volume 74, Issues 1–2, 18 June 2007, Pages 53-62

S.N. Hosseini, S.M. Borghei, M. Vossoughi, N. Taghavinia

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Adsorption of cadmium from aqueous solutions . by perlite Original Research Article

Journal of Hazardous Materials, Volume 94, Issue 3, 14 October 2002, Pages 291-303

T. Mathialagan, T. Viraraghavan

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Adsorption of cationic polyacrylamide (C-PAM) on expanded perlite Original Research Article

Applied Clay Science, Volume 50, Issue 1, September 2010, Pages 125-129

Nalan Tekin, Aziz Dinçer, Özkan Demirbaş, Mahir Alkan

59

Effect of silica fume and expanded perlite addition on the technical properties of the fly ash–lime–gypsum mixture Original Research Article

Construction and Building Materials, Volume 22, Issue 6, June 2008, Pages 1299-1304

Ismail Demir, M. Serhat Baspinar

60

Kinetics and mechanism of removal of methylene blue . by adsorption onto perlite Original Research Article

Journal of Hazardous Materials, Volume 109, Issues 1–3, 18 June 2004, Pages 141-148

Mehmet Doğan, Mahir Alkan, Aydın Türkyilmaz, Yasemin Özdemir

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Sorption characterization of a cationic dye retained . by clays and perlite Original Research Article

Microporous and Mesoporous Materials, Volume 116, Issues 1–3, December 2008, Pages 732-740

Maria Roulia, Alexandros A. Vassiliadis

62

Adsorption of Copper(II) onto Perlite Original Research Article

Journal of Colloid and Interface Science, Volume 243, Issue 2, 15 November 2001, Pages 280-291

Mahir Alkan, Mehmet Doğan

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Thermal conductivity and compressive strength of expanded perlite aggregate concrete with mineral admixtures Original Research Article

Energy and Buildings, Volume 35, Issue 11, December 2003, Pages 1155-1159

Ramazan Demirboğa, Rüstem Gül

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Adsorption of p-chlorophenol from aqueous solutions on bentonite and perlite

Journal of Hazardous Materials, Volume 90, Issue 3, 29 March 2002, Pages 229-234

B Koumanova, P Peeva-Antova

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Alteration of perlite to calcium zeolites Original Research Article

Microporous Materials, Volume 9, Issues 3–4, April 1997, Pages 161-172

Shervin Khodabandeh, Mark E. Davis

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Effect of expanded perlite aggregate on cyclic thermal loading of HSC and artificial neural network modeling Original Research Article

Scientia Iranica, Volume 19, Issue 1, February 2012, Pages 41-50

M.B. Karakoç, R. Demirboğa, İ. Türkmen, İ. Can

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67

Carbon-mineral adsorbents with a diatomaceous earth/perlite matrix modified . by carbon deposits Original Research Article

Microporous and Mesoporous Materials, Volume 156, 1 July 2012, Pages 209-216

J. Skubiszewska-Zięba, B. Charmas, R. Leboda, V.M. Gun'ko

[Graphical abstract](#)

[image](#)

► Carbon-mineral adsorbents were prepared using waste diatomaceous earth/perlite adsorbent. ► Porosity is a non-linear function of carbon content. ► Carbon nanodeposits totally cover a surface of

the mineral matrix. ► Thermal stability of carbon nanodeposits is lower than that of activated carbon or carbon black.

68

Synthesis of ZSM-5 zeolite from expanded perlite and its catalytic performance in FCC gasoline aromatization Original Research Article

Catalysis Today, Volume 125, Issues 3–4, 30 July 2007, Pages 155-162

Ping Wang, Baojian Shen, Jinsen Gao

69

A selective preparation of phillipsite and sodalite from perlite

Materials Letters, Volume 58, Issue 14, May 2004, Pages 2012-2015

Apinpus Rujiwatra

70

Thermal stability of expanded perlite modified . by mullite

Ceramics International, Volume 35, Issue 1, January 2009, Pages 527-530

Waldemar Pichór, Agnieszka Janiec

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Application of TiO₂/perlite photocatalysis for degradation of ammonia in wastewater Original Research Article

Journal of Industrial and Engineering Chemistry, In Press, Corrected Proof, Available online 8 April 2013

Y. Shavisi, S. Sharifnia, S.N. Hosseini, M.A. Khadivi

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Comparison of the use of zeolite and perlite as substrate for crisp-head lettuce Original Research Article

Scientia Horticulturae, Volume 106, Issue 4, 1 November 2005, Pages 464-471

Ayşe Gül, Deniz Eroğul, Ali Rıza Ogun

73

Thermal insulating foamy geopolymers from perlite Original Research Article

Minerals Engineering, Volume 23, Issue 14, November 2010, Pages 1146-1151

V. Vaou, D. Parias

Research

► Development of a new family of thermal insulating foamy inorganic polymers. ► Comparable thermal conductivity values with the common insulating organic and inorganic materials. ► Superior thermal properties such as maximum application temperature and fire resistance. ► Superior mechanical properties.

74

Structures and Thermal Properties of Fatty Acid / Expanded Perlite Composites as Form-Stable Phase Change Materials Original Research Article

Energy and Buildings, In Press, Accepted Manuscript, Available online 11 October 2013

Ting Wei, Baicun Zheng, Juan Liu, Yanfeng Gao, Weihong Guo

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Cryopreservation of basidiomycete strains using perlite Original Research Article

Journal of Microbiological Methods, Volume 47, Issue 3, December 2001, Pages 307-313

Ladislav Homolka, Ludmila Lisá, Ivana Eichlerová, František Nerud

76

Ion exchange of Cu^{2+} , Ni^{2+} , Pb^{2+} and Zn^{2+} in analcime (ANA) synthesized from Thai perlite Original Research Article

Microporous and Mesoporous Materials, Volume 79, Issues 1–3, 1 April 2005, Pages 171-175

Sudaporn Tangkawanit, Kunwadee Rangriwatananon, Alan Dyer

77

Exchange diffusion of Cu^{2+} , Ni^{2+} , Pb^{2+} and Zn^{2+} into analcime synthesized from perlite Original Research Article

Microporous and Mesoporous Materials, Volume 75, Issue 3, 2 November 2004, Pages 273-279

Alan Dyer, Sudaporn Tangkawanit, Kunwadee Rangriwatananon

78

Removal of radio nuclides of the U- and Th- series from aqueous solutions . by adsorption onto Polyacryamide-expanded perlite: Effects of pH, concentration and temperature Original Research Article

Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, Volume 688, 1 October 2012, Pages 80-83

Recep Akkaya

► The composite provide an enhanced adsorption uptake for radio nuclides of the U- and Th-series ions. ► The composite can be applied to the Langmuir and Freundlich models. ► Thermodynamic

parameters indicated adsorption process was spontaneous, exothermic. ► The P(HEMA-EP) composite is reused up to 5 times with no loss of removal efficiency.

79

Preparation, thermal properties and thermal reliability of capric acid/expanded perlite composite for thermal energy storage Original Research Article

Materials Chemistry and Physics, Volume 109, Issues 2–3, 15 June 2008, Pages 459-464

Ahmet Sari, Ali Karaipekli

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Characterization of the response to moisture of talc and perlite in the environmental scanning electron microscope Original Research Article

Micron, Volume 42, Issue 3, April 2011, Pages 257-262

G.A. Camacho-Bragado, F. Dixon, A. Colonna

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Preparation of bioinorganic fertilizing media . by adsorption of humates on glassy aluminosilicates Original Research Article

Colloids and Surfaces B: Biointerfaces, Volume 81, Issue 1, 1 November 2010, Pages 115-122

Konstantinos Chassapis, Maria Roulia, Evangelia Vrettou, Anastassios Parassiris

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Preparation and properties of gypsum-based heat storage and preservation material Original Research Article

Energy and Buildings, Volume 43, Issue 9, September 2011, Pages 2314-2319

Min Li, Zhishen Wu, Meirong Chen

► Paraffin are absorbed into perlite . by vacuum method to prepare paraffin/expanded perlite shape-stabilized PCM. ► The prepared paraffin/expanded perlite shape-stabilized PCM prepared . by VA has more desirable shape-stability than that prepared . by FA method. ► The melting temperature of the paraffin/expanded perlite shape-stabilized PCM is 28.11 °C, and the latent heat of it is 147.92 J/g. ► The adsorption of paraffin makes the thermal conductivity coefficient of the expanded perlite/gypsum decreased and has little influence on the bending and compressive strength of the gypsum-based heat storage and preservation material.

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Kinetics and mechanisms of pH-dependent Mn(II) reactions in plant-growth medium Original Research Article

Soil Biology and Biochemistry, Volume 40, Issue 11, November 2008, Pages 2787-2795

A. Silber, B. Bar-Yosef, I. Levkovitch, L. Kautzky, D. Minz

84

Variations in hydration within perlitised rhyolitic lavas—evidence from Torfajökull, Iceland Original Research Article

Journal of Volcanology and Geothermal Research, Volumes 223–224, 15 April 2012, Pages 64-73

J.S. Denton, H. Tuffen, J.S. Gilbert

► We examine the fracture populations and total volatile contents of Icelandic lavas. ► Increased perlitisation is accompanied . by increased hydration . by meteoric water. ► Perlitic beads follow a log-normal size distribution. ► Hydration and perlitisation decrease with distance from the external water source. ► Major fracture spacing increases with distance from the outcrop margin.

85

Possibility of producing lightweight, heat insulating bricks from pumice and H₃PO₄- or NH₄NO₃-hardened molasses binder Original Research Article

Ceramics International, Volume 38, Issue 3, April 2012, Pages 2283-2293

Ayse Benk, Abdullah Coban

86

Synthesis and characterization of a new low-cost composite for the adsorption of rare earth ions from aqueous solutions Original Research Article

Chemical Engineering Journal, Volumes 200–202, 15 August 2012, Pages 186-191

Recep Akkaya

► In this work a new low-cost composite, P(AAm-EP), was synthesized and characterized. ► The composite provide an enhanced adsorption uptake for Tb³⁺ ions. ► The Langmuir, Freundlich and D–R models can be applied to the composite. ► Thermodynamic parameters indicated adsorption process was spontaneous, endothermic. ► The P(AAm-EP) composite is reused up to 5 times with no loss of removal efficiency.

87

The origin of an unusual tuff ring of perlitic rhyolite pyroclasts: The last explosive phase of the Ramadas Volcanic Centre, Andean Puna, Salta, NW Argentina Original Research Article

Journal of Volcanology and Geothermal Research, Volume 183, Issues 1–2, 20 May 2009, Pages 1-16

M.A. Tait, R.A.F. Cas, J.G. Viramonte

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Photocatalytic degradation of furfural . by titania nanoparticles in a floating-bed photoreactor Original Research Article

Chemical Engineering Journal, Volume 146, Issue 1, 15 January 2009, Pages 79-85

Mohammad Faramarzpour, Manouchehr Vossoughi, Mehdi Borghei

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Effect of nutrient sources on cucumber production in different substrates

Scientia Horticulturae, Volume 113, Issue 2, 26 June 2007, Pages 216-220

Ayşe Gül, Funda Kidoğlu, Dilek Anaç

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Changes in soil properties and in the growth of *Lolium multiflorum* in an acid soil amended with a solid waste from wineries Original Research Article

Bioresource Technology, Volume 99, Issue 15, October 2008, Pages 6771-6779

J.C. Nóvoa-Muñoz, J. Simal-Gándara, D. Fernández-Calviño, E. López-Periago, M. Arias-Estévez

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The effect of nitrate on ethylene biofiltration Original Research Article

Journal of Hazardous Materials, Volumes 241–242, 30 November 2012, Pages 331-339

Sang-Hun Lee, Congna Li, Albert J. Heber

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► Ethylene biofiltration strongly depends on nitrate concentrations and media types. ► We examine reduced N supply can increase ethylene removals in biofilters. ► Perlite medium is better for ethylene biofiltration than activated carbon medium.

92

Ethylene removal using biotrickling filters: Part I. Experimental description Original Research Article

Chemical Engineering Journal, Volume 158, Issue 2, 1 April 2010, Pages 79-88

Sang-Hun Lee, Congna Li, Albert J. Heber, Cheng Zheng

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Form-stable phase change materials for thermal energy storage Review Article

Renewable and Sustainable Energy Reviews, Volume 16, Issue 4, May 2012, Pages 1999-2040

Murat M. Kenisarin, Kamola M. Kenisarina

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Use of Spent Mushroom Substrate as Growing Media for Tomato and Cucumber Seedlings Original Research Article

Pedosphere, Volume 22, Issue 3, June 2012, Pages 333-342

Run-Hua ZHANG, Zeng-Qiang DUAN, Zhi-Guo LI

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Photocatalytic degradation of hexane vapors in batch and continuous systems using impregnated ZnO nanoparticles Original Research Article

Chemical Engineering Journal, Volume 218, 15 February 2013, Pages 358-367

J.O. Saucedo-Lucero, S. Arriaga

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- The systems ZnO/Po, ZnO₂/Pe and TiO₂/Pe showed the same performance in batch tests.
- The reaction pathway was deduced based on the intermediates in the batch process.
- ZnO catalyst was more effective for hexane degradation.
- The maximal EC of hexane in the continuous system was image.
- Photolysis process had a high contribution in the photooxidation of hexane.

96

Composted grape marc as growing medium for hypostases (*Hypostases phyllostagya*)

Bioresource Technology, Volume 78, Issue 1, May 2001, Pages 103-106

Abdullah Baran, Gökhan Çaycı, Cihat Kütük, Roger Hartmann

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97

Light-weight wood–magnesium oxychloride cement composite building products made . by extrusion
Original Research Article

Construction and Building Materials, Volume 27, Issue 1, February 2012, Pages 382-389

Xiangming Zhou, Zongjin Li

► Wood–magnesium oxychloride (MOC) cement composites made . by extrusion technique. ► Wood–MOC cement composites have yellowish color and specific density close to 1.0. ► Wood–MOC cement composites developed has good nailing ability like natural wood. ► A full-scale wood-like door made of extruded wood–MOC cement composites. ► Physical and mechanical properties of the wood–MOC cement composites investigated.

98

Paleointensity on volcanic glass of varying hydration states Original Research Article

Physics of the Earth and Planetary Interiors, Volumes 208–209, October 2012, Pages 25-37

A. Ferk, J.S. Denton, R. Leonhardt, H. Tuffen, S. Koch, K.-U. Hess, D.B. Dingwell

► We analyse the rock magnetic and paleomagnetic properties of volcanic glass of varying hydration states. ► With increasing degree of hydration we observe a loss of magnetic remanence carriers and magnetic stability and also a decrease in “apparent” paleointensity. ► Seemingly well defined paleointensity results of hydrated samples can be misleading.

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Rose productivity and physiological responses to different substrates for soil-less culture Original Research Article

Scientia Horticulturae, Volume 106, Issue 2, 1 September 2005, Pages 203-212

C. Samartzidis, T. Awada, E. Maloupa, K. Radoglou, H.-I.A. Constantinidou

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Role of lightweight fillers on the properties of a mixed-binder mortar Original Research Article

Cement and Concrete Composites, Volume 32, Issue 1, January 2010, Pages 19-24

L.M. Silva, R.A. Ribeiro, J.A. Labrincha, V.M. Ferreira

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Influence of calcium nutrition on water soaking disorder during ripening of Cantaloupe melon Original Research Article

Scientia Horticulturae, Volume 101, Issues 1–2, 3 May 2004, Pages 69-79

Ramón Madrid, Magdalena Valverde, Virginia Alcolea, Felix Romojaro

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Effect of growing media composition, compaction and periods of anoxia on the quality and keeping quality of potted roses (*Rosa* sp.) Original Research Article

Scientia Horticulturae, Volume 126, Issue 1, 23 August 2010, Pages 56-63

Dorte Bodin Dresbøll

103

Systemic resistance against *Botrytis cinerea* in *Arabidopsis* triggered . by an olive marc compost substrate requires functional SA signalling

Physiological and Molecular Plant Pathology, Volume 82, April 2013, Pages 46-50

Guillem Segarra, Georgina Elena, Isabel Trillas

► Increased resistance of *Arabidopsis* plants grown in an olive marc compost. ► No difference in the leaf nutrients of the plants grown in compost vs. control. ► 30% disease reduction in Col-0 and *jar1-1* mutants, no disease reduction in *sid2-1*. ► PR-1 expression increased before and after pathogen inoculation. ► SA signaling is required in this compost-induced resistance.

104

Effect of cooling regimes on compressive strength of concrete with lightweight aggregate exposed to high temperature Original Research Article

Construction and Building Materials, Volume 41, April 2013, Pages 21-25

Mehmet Burhan Karakoç

► A little information has been reported on the residual compressive strength of concretes with EPA and PA in the literature. ► There is a need to study the effects of cooling regimes on the residual compressive strengths of concrete. ► In this paper, concrete samples are produced from lightweight aggregate and exposure to high temperature (700 °C). ► Concrete samples with EPA and PA were tested in natural, furnace and water cooling regimes.

105

Shelf life stability of diatomites Original Research Article

Applied Clay Science, Volume 41, Issues 3–4, October 2008, Pages 158-164

S. Kaufhold, R. Dohrmann, Ch. Ulrichs

106

Fatty acid esters-based composite phase change materials for thermal energy storage in buildings
Original Research Article

Applied Thermal Engineering, Volume 37, May 2012, Pages 208-216

Ahmet Sari, Ali Karaipekli

Graphical abstract

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► Fatty acid esters-based composite PCMs were prepared . by blending ETP and ETS with diatomite and expanded perlite. ► The composite PCMs were characterized . by using SEM, FT–IR, DSC and TG analysis methods. ► The DSC results indicated that the composites PCMs had good thermal energy storage properties. ► TG analysis revealed that they had good thermal durability above their working temperature ranges.

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Interactions between C.I. Basic Blue 41 and aluminosilicate sorbents Original Research Article

Journal of Colloid and Interface Science, Volume 291, Issue 1, 1 November 2005, Pages 37-44

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Protein variation and efficient in vitro culture of scale segments from *Hyacinthus orientalis* L. cv. Carnegie

Scientia Horticulturae, Volume 92, Issues 3–4, 14 February 2002, Pages 367-374

Young-Byung Yi, Kyeong-Soon Lee, Chung-Han Chung

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Investigation of the effectiveness of absorbent materials in oil spills clean up Original Research Article

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Ch. Teas, S. Kalligeros, F. Zanikos, S. Stournas, E. Lois, G. Anastopoulos

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Chemically defined solid-state fermentation of *Pleurotus ostreatus* Original Research Article

Enzyme and Microbial Technology, Volume 15, Issue 9, September 1993, Pages 785-790

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Cold storage and efficient conversion of somatic celery embryos into transplantable plants Original Research Article

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B.L. Nadel, A. Altman, M. Ziv

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Effect of genetic and phenotypic factors on the composition of commercial marmande type tomatoes studied through HRMAS NMR spectroscopy Original Research Article

Food Chemistry, Volume 142, 1 January 2014, Pages 1-11

María José Iglesias, Jesús García López, Juan Fernando Collados Luján, Fernando López Ortiz, Humberto Bojórquez Pereznieto, Fernando Toresano, Francisco Camacho

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Study of the substitution of limestone filler with pozzolanic additives in mortars Original Research Article

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M. Katsioti, D. Gkanis, P. Pipilikaki, A. Sakellariou, A. Papathanasiou, Ch. Teas, E. Chaniotakis, P. Moundoulas, A. Moropoulou

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Olive-mill wastes compost as growing medium component for the production of poinsettia Original Research Article

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Maria Papafotiou, Marianna Phsyhalou, George Kargas, Iordanis Chatzipavlidis, John Chronopoulos

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Performance of a biofilter for the removal of high concentrations of styrene under steady and non-steady state conditions Original Research Article

Journal of Hazardous Materials, Volume 168, Issue 1, 30 August 2009, Pages 282-290

Eldon R. Rene, María C. Veiga, Christian Kennes

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Relationships between growing media fertility, percolate composition and fertigation strategy in peat-substitute substrates used for growing ornamental shrubs Original Research Article

Scientia Horticulturae, Volume 94, Issues 3–4, 28 June 2002, Pages 309-321

O Marfà, F Lemaire, R Cáceres, F Giuffrida, V Guérin

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Surface properties of bovine serum albumin – adsorbed oxides: Adsorption, adsorption kinetics and electrokinetic properties Original Research Article

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Effects of synthetic nutrient carriers on the fruiting of *Pleurotus ostreatus* var. *columbinus* Original Research Article

Bioresource Technology, Volume 54, Issue 3, 1995, Pages 249-254

Kandanda K. Tshinyangu, Grégoire L. Hennebert

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Hydrogen production from biopolymers . by *Caldicellulosiruptor saccharolyticus* and stabilization of the system . by immobilization Original Research Article

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Galina Ivanova, Gábor Rákhely, Kornél L. Kovács

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Investigation of structural properties associated with alkali–silica reaction . by means of macro- and micro-structural analysis Original Research Article

Materials Characterization, Volume 58, Issue 2, February 2007, Pages 179-189

Xiangyin Mo, Benoit Fournier

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Role of cyanobacteria in oil biodegradation . by microbial mats Original Research Article

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Olga Sánchez, Isabel Ferrera, Núria Vigués, Tirso García de Oteyza, Joan Grimalt, Jordi Mas

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Vitreous state in nature—Origin and properties Review Article

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Diagnosis of the fertility of compost-based growing media: Method comparison and monitoring in pot plant cultivation Original Research Article

Scientia Horticulturae, Volume 164, 17 December 2013, Pages 213-220

R. Cáceres, O. Marfà

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Analysis of two main LNG CCS (cargo containment system) insulation boxes for leakage safety using experimentally defined thermal properties Original Research Article

Applied Ocean Research, Volume 37, August 2012, Pages 72-89

Sung Woong Choi, Jeong U. Roh, Moo Sun Kim, Woo Il Lee

► Experiment of thermal conductivity of LNG CCS insulation materials is conducted. ► Each insulation CCS box has superior insulation function from the steady state result. ► In transient result, thermal safety is guaranteed for hull with the bottom plywood. ► Without the bottom plywood, the thermal safety depends on lots of factors. ► The factors are the saturated leaked area and leaked mass flow rate of the LNG.

125

Aerial lime-based mortars blended with a pozzolanic additive and different admixtures: A mineralogical, textural and physical-mechanical study Original Research Article

Construction and Building Materials, Volume 31, June 2012, Pages 135-143

A. Arizzi, G. Cultrone

► Changes of mortar hardened properties induced . by additives and admixtures. ► Influence of additive content and aggregate ratios on mortar strength and pore system. ► Benefits of these components in the elaboration of restoration mortars.

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High strength rail steels—The importance of material properties in contact mechanics problems Original Research Article

Wear, Volume 265, Issues 9–10, 30 October 2008, Pages 1373-1379

Peter Pointner

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Experimental study on the phase change behavior of phase change material confined in pores
Original Research Article

Solar Energy, Volume 81, Issue 5, May 2007, Pages 653-660

Dong Zhang, Shengli Tian, Deyan Xiao

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VAN ERCİŞ PERLİT

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SAYDAMER.M DOĞU ANADOLU PERLİT

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ERZURUM PASİNLER PERLİT

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NEVŞEHİR PERLİT

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NEVŞEHİR PERLİT

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NEVŞEHİR PERLİT

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NEVŞEHİR PERLİT

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PERLİT

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PERLİT

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NEVŞEHİR PERLİT

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MERKEZ PERLİT

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MERKEZ PERLİT

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MERKEZ PERLİT

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ANKARA ÇUBUK DURHASAN KÖY BÖLGESİ PERLİT YATAKLARI İŞLETME PROJESİ A 1976 GÜNALAY.E ANKARA MELİKGAZİ PERLİT

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ANKARA ÇUBUK YUKARİEMİRLER KÖY BÖLGESİ PERLİT YATAKLARI İŞLETME PROJESİ A 1976 GÜNALAY.E ANKARA MELİKGAZİ PERLİT

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DOĞANYOL PERLİT

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DOĞANYOL PERLİT

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ERZURUM PASİNLER PERLİT

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ANKARA ÇUBUK SARAYCIK KÖY BÖLGESİ PERLİT YATAKLARI İŞLETME PROJESİ A 1976 GÜNALAY.E
ANKARA MELİKGAZİ PERLİT

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BALIKESİR PERLİT

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PASİNLER PERLİT

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AĞRI YEDİSU PERLİT

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ANKARA MELİKGAZİ PERLİT

ANKARA KIZILCAHAMAM ÇUKURCA CIVARI PERLİT YATAĞI İŞLETME PROJESİ A 1978 ÖZBİLGİN.F.M
ANKARA PERLİT

İZMİR İLİ BERGAMA İLÇESİ MARUFLAR KÖYÜ CIVARINDAKİ AR.19333 RUHSAT NOLU PERLİT SAHASINA
AİT İŞLETME PROJESİ A 1978 YILDIRIM.F İZMİR BERGAMA PERLİT

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VANILI ERCİŞ İLÇESİ MEYDANDAĞI BİTLİS İLİ ADİLCEVAZ İLÇESİ HARMANTEPE KÖYÜ A 1984 TAŞKIN.C
VAN ERCİŞ PERLİT

VANILI ERCİŞ İLÇESİ MEYDANDAĞI BİTLİS İLİ ADİLCEVAZ İLÇESİ HARMANTEPE KÖYÜ A 1984 TAŞKIN.C
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VAN YEDİSU PERLİT

DİKİLİ ÇANDARLI BERGAMA İZMİR VE AYVALIK EDREMİT KORUCU BALIKESİR YÖRELERİ JEOLJİ
RAPORU HÖ 1984 GÜNAY.E , TÜRKECAN.A , ERCAN.T İZMİR PERLİT

BİGADIÇ ÇEVRESİNİN BALIKESİR JEOLJİ MAĞMATİK KAYAÇLARIN PETROLOJİSİ HÖ 1984 GÜNAY.E ,
ÇEVİKBAŞ.A , ERCAN.T BALIKESİR PERLİT

ANKARA GÜDÜL İLÇESİ BOYALI KÖYÜ MEVKİİ AR 22357 GMD 8007 NOLU PERLİT SAHASI HÖ 1985
IŞIKLAR.M.S ANKARA ÇELTİK PERLİT

ANKARA İL HUDUTLARI DAHİLİNDEKİ İNŞAAT SANAYİİ HAMMADDELERİ VE BÖLGENİN GENEL
JEOLJİSİ A 1987 ARDA.T ANKARA PERLİT

KONYA YÖRESİ SERAMİK HAMMADDELERİ ETÜDÜ HÖ 1987 ÖZGÜNER.A.M KONYA PERLİT

PERLİT TEKNOLOJİSİ ARAŞTIRMALARI HÖ 1988 ÖZKAN.A GENEL PERLİT

İZMİR BERGAMA ÖKSÜZLER AR 32009 NOLU RUHSAT SAHASI PERLİT YATAĞI MADEN JEOLJİSİ
RAPORU HÖ 1988 TÜRKİLEĞİ.H , ERTOK.H İZMİR BERGAMA PERLİT

İZMİR DİKİLİ ÇANDARLI DEMİRTAŞ ÖİR 1866 NOLU RUHSAT SAHASI PERLİT YATAĞI MADEN JEOLJİSİ
RAPORU HÖ 1989 TÜRKİLEĞİ.H İZMİR DİKİLİ PERLİT

ESKİŞEHİR İLİ SEYİTGAZİ KARACALIK CIVARINDAKİ ÖİR 1914 NOLU PRLİT SAHASI MADEN JEOLJİSİ
RAPORU HÖ 1989 IŞIKLAR.M.S ESKİŞEHİR SEYİTGAZİ PERLİT

İZMİR DİKİLİ DEMİRTAŞ PERLİT YATAĞI AR 31337 NOLU RUHSAT SAHASI MADEN JEOLJİSİ RAPORU
HÖ 1989 TÜRKİLEĞİ.H , ERTOK.H İZMİR DİKİLİ PERLİT

ERZURUM İLİ PASİNLER İLÇESİ TIMAR KÖYÜ CIVARINDA 1870 NOLU ÖN İŞLETME RUHSATI HÖ 1989
AKALIN.N ERZURUM PASİNLER PERLİT

ERZURUM İLİ PASİNLER İLÇESİ TUZTASI KÖYÜ CIVARINDA 882 NOLU ÖN İŞLETME RAPORU HAKKINDA
HÖ 1989 AKALIN.N ERZURUM PASİNLER PERLİT

ERZURUM İLİ PASİNLER İLÇESİ KONTANDÜZÜ KÖYÜ CIVARINDA 1862 NOLU ÖN İŞLETME SAHASI
MADEN JEOLJİSİ RAPORU HÖ 1989 AKALIN.N ERZURUM PASİNLER PERLİT

TÜRKİYE METALJENİ HARİTASI YAPIMINA YÖNELİK PERLİT ÖN RAPOR HÖ 1992 TÜZÜN.R TÜRKİYE
PERLİT

HORASAN ERZURUM İLİ DOLAYININ JEOLJİSİ HÖ 1991 ATEŞ.M , GÖK.L , ARBAŞ.A ERZURUM
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DOĞU ANADOLUNUN ENDÜSTRİYEL HAMMADDE KAYNAKLARININ ARAŞTIRILMASI HÖ 1988
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AR.49318 MADEN JEOLJİSİ RAPORU HÖ 1995 GONCA.Ş , DİLEK.S İZMİR SEFERİHİSAR PERLİT

PERLİTİK YAPI MALZEMESİ PROJESİ A 2001 DOĞAN.H , KAHRAMAN.G , ATLIHAN.S GENEL PERLİT

GÜNEYDOĞU ANADOLUNUN (MUŞ BATMAN SİİRT BİNGÖL BİTLİS MARDİN DİYARBAKIR MARDİN
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TULUKÇU.A GÜNEYDOĞU ANADOLU PERLİT

GÜNEYDOĞU ANADOLUNUN (MUŞ BATMAN SİİRT BİNGÖL BİTLİS MARDİN DİYARBAKIR MARDİN ŞANLIURFA) ENDÜSTRİYEL HAMMADDELER PROSPEKSİYONU RAPORU HÖ 2008 KIRAL.N , TULUKÇU.A MARDİN PERLİT

ESKİŞEHİR GÜNEYİ FERHAT KINCAL`A AİT RUHSAT SAHALARI GENEL PROSPEKSİYONU A 1968 TOPLUOĞLU.S ESKİŞEHİR SEYİTGAZİ PERLİT

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2307 BENGÜL KÜÇÜKÇELİK Soğuk serada perlit ve cibrede yetiştirilen domates çeşitlerinin meyvelerine, farklı dozlarda kalsiyum (Ca) püskürtmenin, çiçek burnu çürüklüğü ve çatlamaya etkisi. The effect of spraying different dosages of calcium on the fruits of tomato cultivars grown in perlite and grape marc, on the blossom-end rot and fruit cracking 2013 Yüksek Lisans Ziraat

300926 ÜMİT ÇALIK Perlitin puzolanik katkı olarak kireç ile birlikte zemin stabilizasyonunda kullanımı. Utilization of perlite as a pozzolanic additive in soil stabilization with lime 2012 Doktora İnşaat Mühendisliği

320775 SERKAN SARİBEK Yüksek sıcaklığa maruz kalan havaalanı kaplamaları için uygun beton özellikleri. Suitable concrete properties for airfield pavements which subject to high temperature. 2012 Yüksek Lisans İnşaat Mühendisliği

318024 MUSTAFA ÖZTÜRK Pomza ve perlit içerikli hafif betonun fiziksel ve mekanik özelliklerinin incelenmesi. Examining physical and mechanical properties of lightweight concrete with pumice and perlite 2012 Yüksek Lisans

296917 ÖMER DELER Perlit kullanılarak pentakloronitrobenzen adsorpsiyonu. Adsorption of pentachloronitrobenzene with using perlite 2011 Yüksek Lisans Kimya Mühendisliği

290900 ADNAN AKER Uçucu küllle üretilen genleştirilmiş perlit katkılı gazbeton numuneler üzerinde kür etkisinin araştırılması. Investigation of the effect of curing on the aerated concrete produced from fly ash with expanded perlite addition 2011 Yüksek Lisans Teknik Eğitim ; İnşaat Mühendisliği

297658 ABDURRAHMAN MELİH MİKAR Soğuk cam serada, inorganik, organik maddeler ve besin elementleri karıştırılmış öğütülmüş cibrelerde yetiştirilen kıvrık baş salata, gelişme ve verimin, diğer ortamlarla karşılaştırılması. The comparison of the growth and yield of crisphead lettuce grown in ground grape marc mixed with inorganic and organic materials with other medium in a cold glasshouse 2011 Yüksek Lisans Ziraat

312977 PINAR TURAN BEYLİ Polidimetilsiloksanın genleşmiş perlit, üleksit ve kolemanit ile hazırlanan pastalarının reolojik özelliklerinin incelenmesi. Investigation of rheological properties of expanded perlite, colemanite and ulexite polydimethylsiloxane pastes 2011 Doktora Kimya

- 306834 BAHAR TİBER Perlit içeren fonksiyonel bir tekstil ürününün tasarımı. Design of a functional textile product with perlite 2011 Doktora Tekstil ve Tekstil Mühendisliği
- 305228 ALİ KEMAL EYÜB OĞLU Applications of grinding modeling for different ore types in mineral processing. Cevher hazırlamada farklı cevherleri kullanarak öğütme modellemesi uygulamaları 2011 Yüksek Lisans Maden Mühendisliği ve Madencilik
- 293236 İSTEM ŞENCAN Perlitli sırlar ve uygulamaları. Perlite glazes and practices 2010 Yüksek Lisans Güzel Sanatlar
- 269772 HACI SÜLEYMAN GÖKÇE Hafif beton üretiminde ham ve geliştirilmiş perlitin kullanılabilirliğinin araştırılması. Investigation of usability of raw and expanded perlite in lightweight concrete production 2010 Yüksek Lisans Polimer Bilim ve Teknolojisi ; Teknik Eğitim ; İnşaat Mühendisliği
- 268625 ASLI GÖKGÖZ Soğuk cam serada inorganik ve organik maddeler karıştırılmış cibrede yetiştirilen domateste, gelişme ve verimin karşılaştırılması. The comparison of the growth and yield of tomatoes grown in grape marc mixed with organic and inorganic materials in a cold glasshouse 2010 Yüksek Lisans Ziraat
- 275130 SEYFİ BAKIR Göbü (Ordu, Kuzeydoğu Türkiye) yöresi bentonit oluşumlarının mineralojik ve jeokimyasal özellikleri ve kullanım alanlarının incelenmesi. Investigation of mineralogic and geochemical properties and usage areas of bentonite occurrences around of Göbü (Ordu, Northeast Türkiye) 2010 Yüksek Lisans Jeoloji Mühendisliği
- 238994 CAHİDE NUR AYDIN İPEKÇİ Seramiklerin şekillendirilmesinde kullanılan kalıp alçısı özelliklerinin iyileştirilmesi. Improving mould gypsum properties used for forming ceramics 2009 Doktora Mimarlık
- 238862 ASLİN ERDİNÇ Sorption and destruction of veterinary antibiotics on natural minerals. Veteriner antibiyotiklerin doğal minerallerde adsorpsiyonu ve parçalanması 2009 Yüksek Lisans Çevre Mühendisliği
- 237229 ALİ CEVİZ Atık odun talaşı kullanılarak ısı yalıtımlı dış cephe kaplama elemanının geliştirilmesi. Developing of outside coating element isolated heat . by using waste wood shaving 2008 Yüksek Lisans Makine Mühendisliği
- 216207 BÜŞRA ERDEN Borlu atık suların farklı doğal malzemelerle arıtılmasının araştırılması. Investigation that treatment of wastewater with boron . by different natural materials 2008 Yüksek Lisans Çevre Mühendisliği
- 223131 KILIÇ VURAL GÜNGÖRMÜŞ Az alaşımlı imalat ve yapı çeliklerinin zayıf asidik ortamdaki ağırlık kaybına mikroyapı ve alaşım elementlerinin etkisi. Effect of microstructure and alloying elements on weight loss behaviour of microalloyed structural steels in weak acid 2008 Yüksek Lisans Metalurji Mühendisliği
- 233323 EVRİM ALTUN Soğuk cam serada, farklı inorganik ve organik maddeler karıştırılmış cibrelerde yetiştirilen kıvrıkcık baş salatada, gelişme ve verimin karşılaştırılması. The comporasion of growth and

yield of chrisphead lettuce grown in grape marc mixed with various inorganic and organic materials in a cold glasshouse 2008 Yüksek Lisans Ziraat

202242 ÜMMÜKÜLSÜM ÖZEL Katı atık düzenli depolama alanlarında astar olarak doğal materyallerin sızıntı suyundaki bazı kimyasal ve biyolojik parametreler üzerine etkisi. Effects of natural materials as landfill liner in sanitary landfill on chemical and biological parameters of leachate 2007 Yüksek Lisans Çevre Mühendisliği

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112649 ALİ İHSAN YÜCEL Niğde yöresi pomza taşının mukavemetinin araştırılması. Investigation of strength properties of pumice stone of Niğde region 2001 Yüksek Lisans Makine Mühendisliği

112640 MEHMET DOĞAN Sulu ortamda perlit'in yüzey yükünün ve adsorpsiyon özelliklerinin incelenmesi. The investigation of surface charge and adsorption properties of perlite in water media 2001 Doktora Kimya

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84722 SÜREYYA ALTINTAŞ Soğuk serada ortam sıcaklığını artırmaya yönelik uygulamaların, perlitte yetiştirilen marul ve domateste gelişme ile verim üzerine etkisi. The Effect of applications to increase the temperature of enviroment on the cos lettuce and tamato grown in perlite in a coldglass house 1999 Doktora Ziraat

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35379 SAADET KULEİN Baca gazındaki kükürt dioksidin (SO₂) pelit materyali ile giderilmesi. 1995 Yüksek Lisans Çevre Mühendisliği

47615 HÜLYA AKKAŞ Değişik irilik ve miktardaki perlitin Tekirdağ yöresi topraklarının önemli bazı fiziksel ve kimyasal özellikleri üzerine etkisi. 1995 Yüksek Lisans Ziraat

34148 İLKNUR ÖZDEMİR Değişik inorganik taşıyıcılarda katalaz immobilizasyonu. 1994 Yüksek Lisans Kimya

- 27909 NAZİRE AYLİN KILINÇ İlkbahar sera hıyar üretiminde farklı yetiştirme ortamlarının meyve kalitesine etkileri üzerinde araştırmalar. 1993 Yüksek Lisans Ziraat
- 27988 MUSTAFA ATAKAN Isıtılmayan cam serada torba, yüzük, saman balyaları ve perlitte yetiştirilen yağlı baş salatalarda gelişme ve verim karşılaştırılması. 1993 Yüksek Lisans Ziraat
- 27751 CUMHUR AYDINALP Farklı düzeylerde nitrat ile beslemenin perlitte yetiştirilen kıvrıkcık salata'nın verim ve nitrat içeriği üzerine etkileri. 1993 Yüksek Lisans Ziraat
- 39460 LEYLA TANAÇAN Hafif duvar tuğlası üretiminde perlit ve bazı katkıların etkilerinin araştırılması. 1993 Doktora Mimarlık
- 28138 HAVVA KAPTAN Bazı bitki yetiştirme ortamlarının toprakta ısı iletimi üzerine etkisi. 1993 Yüksek Lisans Ziraat
- 33648 MEHMET NURİ ÇOBANLI Isı direnci yüksek hafif yapı malzemesi üretimi. 1993 Yüksek Lisans İnşaat Mühendisliği
- 27999 TUNCER ÖZÜYAMAN Isıtılmayan cam serada, toprak, torba, yüzük, saman balyaları, alttan ve üstten sulanan perlitte yetiştirilen domateslerde gelişme ve verimin karşılaştırılması. The Comparison of growth and yield of tomatoes grown in the glasshouse border, bags, rings, straw bales, top and bottom watered fine and coarse perlites in the cold glasshouse 1993 Yüksek Lisans Ziraat
- 23059 ROBABEH N. FASHKHAMİ Peat, perlit, zeolit'in toprak kompaksiyonuna etkisi. Effects of peat, perlite and zeolite on soil compaction 1992 Yüksek Lisans Ziraat
- 23595 HİLMİ ONAY Thermally modified polyethylene films . by the addition of perlite. Isıl özellik gösteren perlit katkılı polietilen filmler 1992 Yüksek Lisans Kimya
- 23779 ARZU OKUCU Hafif inşaat malzemeleri (anorganik). 1992 Yüksek Lisans İnşaat Mühendisliği
- 24395 BERRİN TUĞRUL Perlit tozlarının, in vitro ortamda fare alveollar makrofajları üzerindeki etkilerinin araştırılması. 1992 Yüksek Lisans Biyokimya
- 24967 VAROL BERKEL Kizelgurdan katı filtre hazırlanması. 1992 Yüksek Lisans Kimya Mühendisliği
- 24697 İRFAN ŞATIR Use of perlite for the treatment of industrial wastewaters. 1992 Yüksek Lisans Çevre Mühendisliği
- 29304 YALÇIN EŞİCİ Isıtılmayan cam serada toprak, torba, yüzük, saman balyaları, alttan ve üstten sulanan perlitte yetiştirilen hıyarlarda gelişme ve verimin karşılaştırılması. 1992 Yüksek Lisans Ziraat
- 24381 MURAT ÇELTEK Topraksız kültür ortamında kullanılacak harç materyallerinin özelliklerinin belirlenmesi. 1992 Yüksek Lisans Ziraat
- 14617 NİLGÜN ÜLKEM Mechanical properties of perlite filled SBR vulcanizates: effects of mixing time and silane treatment on properties. Perlit dolgulu SBR vulkanizatlarının mekanik özellikleri: Karıştırma zamanı ve silanın özelliklerine etkisi 1991 Doktora Kimya
- 14615 GÜLSU ÖKTEM(AKIN) The Properties of perlite filled high density polyethylenes. 1991 Doktora Kimya

16433 MEHMET ÖZGÜR Kontrollü koşullar altında perlit ve volkanik tuf ortamlarında hıyar (Cucumis sativus L.) üretimi üzerine bir araştırma. A Research on the production of cucumber (Cucumis sativus L.) in the media of perlite and volcanic tufa under the controlled conditions 1991 Doktora Ziraat

9653 SELDA YILMAZ Preparation of metal silicates from perlite. 1990 Yüksek Lisans Kimya Mühendisliği

5765 SEMİHA YILMAZER Perlitli ısı yalıtım elemanlarının higro-termik davranışları. 1990 Yüksek Lisans Mimarlık

7055 AHMET NURİ ÇOKER The Use of raw perlite in rapid filters for drinking water treatment. 1989 Yüksek Lisans İnşaat Mühendisliği

691 CEVDET FEHMİ ÖZKAN Topraklara perlit uygulamasının azotobakterilerin aktivitesi ve biyolojik Azot fiksasyonu üzerine etkileri. 1986 Yüksek Lisans Ziraat

1490 SÜLİN TAŞCIOĞLU (AYDIN) Blister bakırın perlit ve karbitle arıtılması. 1984 Doktora Kimya Mühendisliği

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Orijinal Başlık: Topraksız çilek yetiştiriciliğinde fide tipi ve yetiştirme ortamının meyve kalitesi üzerine etkileri

Kaynak: Ege Üniversitesi Ziraat Fakültesi Dergisi, 2012,49(2):135-142

Yazar Adı: ADAK, Nafiye; PEKMEZCİ, Mustafa

Veri Tabanı Adı: Yaşam Bilimleri Veri Tabanı

Orijinal Başlık: Effects of different culture media on rooting in grafted grapevine

Kaynak: Ege Üniversitesi Ziraat Fakültesi Dergisi, 2012,49(2):143-148

Yazar Adı: SENDEL, Ersel; ISCI, Burçak; ALTINDISLI, Ahmet

Veri Tabanı Adı: Yaşam Bilimleri Veri Tabanı

Orijinal Başlık: The short breeding cycle protocol effective on diverse genotypes of sunflower (*Helianthus annuus* L.)

Kaynak: Turkish Journal of Field Crops, 2012,17(2):124-128

Yazar Adı: DAGUSTU, Nazan ; BAYRAM, Gamze ; SINCIK, Mehmet ; BAYRAKTAROGLU, Melek

Veri Tabanı Adı: Mühendislik ve Temel Bilimler Veri Tabanı

Orijinal Başlık: Alternatif karışım oranlarında üretilen doğal perlit agregalı hafif betonların su/çimento üzerindeki etkileri

Kaynak: Politeknik Dergisi, 2010,13(1):55-63

Yazar Adı: GÖKÇE, H. Süleyman ; DURMUŞ, Gökhan ; ŞİMŞEK, Osman

Veri Tabanı Adı: Mühendislik ve Temel Bilimler Veri Tabanı

Orijinal Başlık: Ham perlit agregalı hafif beton özelliklerine alternatif geliştirilmiş perlit kullanımının etkisi

Kaynak: Politeknik Dergisi, 2010,13(2):159-163

Yazar Adı: GÖKÇE, H. Süleyman ; ŞİMŞEK, Osman ; DURMUŞ, Gökhan ; DEMİR, İlhami

Veri Tabanı Adı: Mühendislik ve Temel Bilimler Veri Tabanı

Orijinal Başlık: Kendiliğinden yerleşen hafif betonun mekanik özelliklerine kür ortamı ve agrega tipinin etkisi

Kaynak: Gazi Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, 2010,25(3):459-467

Yazar Adı: GÖNEN, Tahir ; YAZICIOĞLU, Salih

Veri Tabanı Adı: Mühendislik ve Temel Bilimler Veri Tabanı

Orijinal Başlık: Zeolitik tüf ikamesinin farklı agregalar üzerinde alkali-silika reaksiyonu etkilerinin belirlenmesi

Kaynak: Gazi Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, 2010,25(4):803-809

Yazar Adı: GÖKÇE, H. Süleyman; TABAN, Saniye ; ŞİMŞEK, Osman

Veri Tabanı Adı: Mühendislik ve Temel Bilimler Veri Tabanı

Orijinal Başlık: Perlit agregasının pesimum reaktif agrega oranının farklı yöntemlerle incelenmesi

Kaynak: Gazi Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, 2010,25(4):839-846

Yazar Adı: GÖKÇE, H. Süleyman; ŞİMŞEK, Osman

Veri Tabanı Adı: Yaşam Bilimleri Veri Tabanı

Orijinal Başlık: Farklı çelik alma dönemleri ile oksin dozlarının kocayemişin (*Arbutus unedo* L.) köklenme oranı üzerine etkilerinin belirlenmesi

Kaynak: Uludağ Üniversitesi Ziraat Fakültesi Dergisi, 2010,24(1):99-108

Yazar Adı: ŞEKER, Murat ; AKÇAL, Arda ; SAKALDAŞ, Mustafa ; GÜNDOĞDU, Mehmet A.

Veri Tabanı Adı: Mühendislik ve Temel Bilimler Veri Tabanı

Orijinal Başlık: Perlitin puzolanik aktivitesi

Kaynak: İ T Ü Dergisi Seri A: Mimarlık Planlama ve Tasarım, 2009,8(1):81-89

Yazar Adı: BULUT, Ülger; TANAÇAN, Leyla

Veri Tabanı Adı: Mühendislik ve Temel Bilimler Veri Tabanı

Orijinal Başlık: Atık bor, atık kâğıt ve perlit katkılı sıva malzemesinin üretimi ve karakterizasyonu

Kaynak: Ekoloji, 2009,18(72):45-53

Yazar Adı: BATAR, Turan ; KÖKSAL, N. Sinan ; YERSEL, Ş. Erkan

Veri Tabanı Adı: TÜBİTAK Destekli Projeler Veri Tabanı

Proje Yer Numarası: 2009-558

Orijinal Başlık: Lifli, hava sürükleyici katkı ve yöresel hafif agregalarla üretilen yüksek dayanımlı betonların yangın dayanıklılıklarının iyileştirilmesi ve yapay sinir ağları ile modellenmesi

Kaynak: TÜBİTAK MAG Proje 106M230, 2009: 1-233

Yazar Adı: TÜRKMEN, İbrahim; GÜL, Rüstem; DEMİRBOĞA, Ramazan; TORTUM, Ahmet; BİNGÖL, Ahmet Ferhat

Veri Tabanı Adı: Yaşam Bilimleri Veri Tabanı

Orijinal Başlık: Farklı organik ve inorganik ortamlarda hıyar fidesi üretimi

Kaynak: Namık Kemal Üniversitesi Tekirdağ Ziraat Fakültesi Dergisi, 2008,5(2):151-158

Yazar Adı: ÇİNKİLİÇ, H.

Veri Tabanı Adı: TÜBİTAK Destekli Projeler Veri Tabanı

Proje Yer Numarası: 2008-622

Orijinal Başlık: Seramiklerin şekillendirilmesinde kullanılan kalıp alçısı özelliklerinin iyileştirilmesi

Kaynak: TÜBİTAK MAG Proje 107M214, 2008: 1-36

Yazar Adı: AKÖZ, Fevziye

Veri Tabanı Adı: Yaşam Bilimleri Veri Tabanı

Orijinal Başlık: Gilaburu (*Viburnum opulus* L.) 'nun yeşil çelikle çoğaltma imkanlarının araştırılması

Kaynak: Selçuk Üniversitesi Ziraat Fakültesi Dergisi, 2007,21(43):46-52

Yazar Adı: ÖZER, Emel; KALYONCU, İsmail Hakkı

Veri Tabanı Adı: Yaşam Bilimleri Veri Tabanı

Orijinal Başlık: The replication of the purple-flowered rhododendron (*Rhododendron ponticum* L.) .
by seed and chances of survival in replanting in different media

Kaynak: Turkish Journal of Agriculture and Forestry, 2006,30(2):145-152

Yazar Adı: VAR, Mustafa; DİNÇER, Deryanur

Veri Tabanı Adı: Yaşam Bilimleri Veri Tabanı

Orijinal Başlık: Ceviz fidanı yetiştiriciliğinde yeni bir iç mekan aşı modeli olarak kok boğazı aşısının
uygulanabilirliğinin incelenmesi

Yazar Adı: AKÇA, Yaşar; YILMAZ, Sebahattin; BOLSU, Ahu; UYSAL, Fatma

Veri Tabanı Adı: Mühendislik ve Temel Bilimler Veri Tabanı

Orijinal Başlık: Pomzanın izole monolitik malzeme imalinde kullanılması

Kaynak: Maden Tetkik ve Arama Dergisi, 2004,(129):89-96

Yazar Adı: ULUSOY, Günnur

Veri Tabanı Adı: Yaşam Bilimleri Veri Tabanı

Orijinal Başlık: The effects of different water stress and perlite media on growing of pepper plant (Capsicum annuum grossum var.cv.Demre)

Kaynak: Atatürk Üniversitesi Ziraat Fakültesi Dergisi, 2003,34(1):45-50

Yazar Adı: ÖZENÇ, Damla, Bender

Veri Tabanı Adı: Yaşam Bilimleri Veri Tabanı

Orijinal Başlık: Toprağa karıştırılan peat ve perlitin su stresi altındaki biber bitkisinin (Capsicum annuum var.grossum cv.11B-14) gelişimi üzerine etkileri

Kaynak: Ankara Üniversitesi Ziraat Fakültesi Tarım Bilimleri Dergisi, 2003,9(3):305-312

Yazar Adı: ÖZENÇ, Damla, Bender ; ÖZKAN, İlhami

Veri Tabanı Adı: Yaşam Bilimleri Veri Tabanı

Orijinal Başlık: Toprağa karıştırılan peat ve perlitin su stresi altındaki biber bitkisinin verim öğeleri üzerine etkisi

Kaynak: Ondokuz Mayıs Üniversitesi Ziraat Fakültesi Dergisi, 2003,18(2):1-8

Yazar Adı: ÖZENÇ, Damla, BENDER; ÖZKAN, İlhami

Veri Tabanı Adı: Mühendislik ve Temel Bilimler Veri Tabanı

Orijinal Başlık: Kağıt endüstrisi atık sularından lignin ve fenol' ün perlit minerali ile giderimi

Kaynak: Ekoloji Çevre Dergisi, 2003,12(47):11-16

Yazar Adı: UĞURLU, Mehmet

Veri Tabanı Adı: Yaşam Bilimleri Veri Tabanı

Orijinal Başlık: Besleyici film tekniğinde (NFT) sürekli ve fasıllı akışın domates yetiştiriciliğinde verim, kalite ve su tüketimine etkileri

Kaynak: Ege Üniversitesi Ziraat Fakültesi Dergisi, 2002,39(1):17-24

Yazar Adı: ELTEZ, Raşit Z.; TÜZEL, Yüksel; TÜZEL, İ. Hakkı; GÜL, Ayşe; DEMİRELLİ, Aylin

Veri Tabanı Adı: Mühendislik ve Temel Bilimler Veri Tabanı

Orijinal Başlık: Nemin perlitli akustik plakaların ses yutuculuğu üzerindeki etkisi

Kaynak: Teknik Dergi, 2002,13(4):2741-2759

Yazar Adı: YILMAZER, Semiha

Veri Tabanı Adı: Yaşam Bilimleri Veri Tabanı

Orijinal Başlık: Farklı yetiştirme ortamlarında yetiştirilen mısır bitkisinin (Zea mays L.) su kaybı ile kök parametreleri arasındaki ilişkiler

Kaynak: Selçuk Üniversitesi Ziraat Fakültesi Dergisi, 2000,14(24):96-101

Yazar Adı: SOMAY, Ebru; BARAN, Abdullah

Veri Tabanı Adı: Yaşam Bilimleri Veri Tabanı

Orijinal Başlık: Bazı topraksız yetiştiricilik yöntemlerinin karşılaştırılması

Kaynak: Anadolu Ege Tarımsal Araştırma Enstitüsü Dergisi, 2000,10(2):169-182

Yazar Adı: BAŞAR, Haluk

Veri Tabanı Adı: Yaşam Bilimleri Veri Tabanı

Orijinal Başlık: Ahır gübresinin farklı düzeylerinin ve farklı yetiştirme ortamlarının toprağın fiziksel özellikleri üzerine etkileri

Kaynak: Ege Üniversitesi Ziraat Fakültesi Dergisi, 2000,37(1):113-120

Yazar Adı: DELİBACAK, S.; OKUR, B.; EŞİYOK, D.

Veri Tabanı Adı: Yaşam Bilimleri Veri Tabanı

Orijinal Başlık: Sera hıyar yetiştiriciliğinde verim ve büyüme özellikleri ile yaprakların besin elementleri içeriği arasındaki ilişkiler

Kaynak: Ege Üniversitesi Ziraat Fakültesi Dergisi, 2000,37(2-3):19-26

Yazar Adı: TUNCAY, Özlem

Veri Tabanı Adı: Yaşam Bilimleri Veri Tabanı

Orijinal Başlık: Atık çamurlarının bitki üretiminde kullanılması üzerine araştırmalar

Kaynak: Turkish Journal of Agriculture and Forestry, 2000,24(6):705-712

Yazar Adı: TOLAY, Ulvi; YAVUZŞEFİK, Yavuz; TOLAY, Mustafa; SÖĞÜT, Naci

Veri Tabanı Adı: Yaşam Bilimleri Veri Tabanı

Orijinal Başlık: Asmalarda tuzdan kaynaklanan ozmotik stresin teşvik ettiği fizyolojik değişimler ve tuza dayanımdaki rolleri

Kaynak: Turkish Journal of Biology, 2000,24(supp):97-104

Yazar Adı: SİVRİTEPE, Nuray

Veri Tabanı Adı: Mühendislik ve Temel Bilimler Veri Tabanı

Orijinal Başlık: Küresel grafitli dökme demirlerde alaşım elementlerinin (Cu, Ni) mikroyapıya etkileri

Kaynak: Politeknik Dergisi, 2000,3(1):59-66

Yazar Adı: HASIRCI, Hasan; ERDOĞAN, Mehmet

Veri Tabanı Adı: Mühendislik ve Temel Bilimler Veri Tabanı

Orijinal Başlık: Niğde yöresi perlit yatakları

Kaynak: Yerbilimleri/ Geosound, 1999,(34):129-136

Veri Tabanı Adı: TÜBİTAK Destekli Projeler Veri Tabanı

Proje Yer Numarası: 1997-135

Orijinal Başlık: Perlitli akustik plakaların nemli ortamlardaki davranışları

Kaynak: TÜBİTAK İNTAG Proje No. 630, 1998: 1-66

Yazar Adı: ÖZDENİZ, Mesut B.; YILMAZER, Cengiz; YILMAZER, Semiha

Veri Tabanı Adı: TÜBİTAK Destekli Projeler Veri Tabanı

Proje Yer Numarası: 1997-587

Orijinal Başlık: Torba kültürü ile yapılan sera hıyar yetiştiriciliğinde açık ve kapalı sistemlerin bitki gelişimi, verim, su ve gübre kullanımına etkileri üzerinde araştırmalar

Kaynak: TÜBİTAK TOGTAG Proje No. 1512, 1998: 1-80, Ek

Yazar Adı: GÜL, Ayşe; TUNCA, Özlem; ELTEZ, Raşit Zeki; TÜZEL, İ. Hakkı; İRGET, M. Eşref; DÜZYAMAN, Eftal

Veri Tabanı Adı: Yaşam Bilimleri Veri Tabanı

Orijinal Başlık: Sera koşullarında damla sulama yöntemi ile sulanan domates (*Lycopersicon esculentum* Mill.) bitkisinde farklı yetiştirme ortamlarının verim, kalite ve bitki gelişmesine olan etkileri

Kaynak: Turkish Journal of Agriculture and Forestry, 1998,22(1):71-79

Yazar Adı: ŞAHİN, Üstün; ÖZDENİZ, Ali; ZÜLKADİR, Ayhan; ALAN, Refik

Veri Tabanı Adı: Yaşam Bilimleri Veri Tabanı

Orijinal Başlık: Peat-Perlit ortamında besin çözeltisi ile yetistirilen domates (*Lycopersicon esculentum* L.) in gelişmesi, klorofil prolin ve mineral madde içeriğine değişik NaCl düzeylerinin etkisi

Kaynak: Turkish Journal of Agriculture and Forestry, 1997,21(1):95-99

Yazar Adı: İNAL, Ali; GÜNES, Aydın; ALPASLAN, Mehmet

Veri Tabanı Adı: Mühendislik ve Temel Bilimler Veri Tabanı

Orijinal Başlık: Effect of various additives on the hydration of perlite-gypsum plaster and perlite-portland cement pastes

Kaynak: Turkish Journal of Chemistry, 1997,21(3):209-214

Yazar Adı: ERDEM, Emin

Veri Tabanı Adı: Yaşam Bilimleri Veri Tabanı

Orijinal Başlık: Perlit-Turba karışımlarında yetiştirilen karanfil'in beslenme durumunun bitki analizleri ile incelenmesi üzerine bir araştırma

Kaynak: Uludağ Üniversitesi Ziraat Fakültesi Dergisi, 1997,13():21-31

Yazar Adı: UÇKAN, Hatice Sevim

Veri Tabanı Adı: Mühendislik ve Temel Bilimler Veri Tabanı

Orijinal Başlık: Hafif ve çok hafif agregaların karakteristik özellikleri ve teknik kapasiteleri

Kaynak: Çimento ve Beton Dünyası, 1997,2(7):19-28

Yazar Adı: URHAN, Sinan

Veri Tabanı Adı: Mühendislik ve Temel Bilimler Veri Tabanı

Orijinal Başlık: 1. karbonatlama çamurunun süzülmesinde ortalama spesifik kek direncine perlitin etkisi

Kaynak: Turkish Journal of Engineering and Environmental Sciences, 1996,20(2):113-120

Yazar Adı: TOĞRUL, Hasan; ARSLAN, Nurhan

Veri Tabanı Adı: TÜBİTAK Destekli Projeler Veri Tabanı

Proje Yer Numarası: 1997-121

Orijinal Başlık: Briketlerin higrotermal özelliklerinin saptanması ve iyileştirilmesi

Kaynak: TÜBİTAK İNTAG Proje No. 605, 1994: 1-75, Ek6

Yazar Adı: ÖZDENİZ, Mesut B.; PEHLEVAN, Asiye; YAŞAR, Yalçın; YILMAZER, Seiha; YILMAZER, Cengiz;
YILMAZ, Murat; KAN, Ülkü; KARS, Figen

Veri Tabanı Adı: TÜBİTAK Destekli Projeler Veri Tabanı

Proje Yer Numarası: 1997-150

Orijinal Başlık: Perlit betonu

Kaynak: TÜBİTAK İNTAG Proje No. 604, 1994: 1-37, Ek 5

Yazar Adı: CİLASON, Necat; BALTA, İlkin

Veri Tabanı Adı: TÜBİTAK Destekli Projeler Veri Tabanı

Proje Yer Numarası: 1996-2200

Orijinal Başlık: Su filtrasyonunda kum ve perlitin yatak malzemesi olarak kullanımının karşılaştırılması

Kaynak: TÜBİTAK DEBÇAG Proje No. 70., 1991: 1 c.

Yazar Adı: Uluatam, Semra Siber

Veri Tabanı Adı: TÜBİTAK Destekli Projeler Veri Tabanı

Proje Yer Numarası: 1996-2547

Orijinal Başlık: Perlitin toprak-su diffüzivitesine ve su tutma kapasitesine etkisi ve tarımda kullanımla olanakları üzerinde bir araştırma

Kaynak: TÜBİTAK TOAG Proje No. 103., 1982: V, 39 s.

Yazar Adı: Munsuz, Nuri (ve diğerleri)

Veri Tabanı Adı: TÜBİTAK Destekli Projeler Veri Tabanı

Proje Yer Numarası: 1996-2726

Orijinal Başlık: Perlit'in tarla ve ser'a şartlarında toprağın infiltrasyon ve su tutma kapasitesine etkisi üzerinde bir araştırma

Kaynak: TÜBİTAK TOAG Proje No. 343., 1980: 80 s.

Yazar Adı: Munsuz, Nuri (ve diğerleri)

Veri Tabanı Adı: TÜBİTAK Destekli Projeler Veri Tabanı

Proje Yer Numarası: 1996-2798

Orijinal Başlık: İzmir bölgesi perlit yataklarının jeolojisi ve petrolojisi, perlitlerin fiziksel, kimyasal ve teknolojik özellikleri

Kaynak: TÜBİTAK TBAG Proje No. 200., 1978: 192 s.

Yazar Adı: Özgenç, İsmet; İzdar, Erol