

| Authors | Paper title | Country |
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| S. Abdelmoumen E. Bellenger M. Quéneudec-T'kint | Influence of the nature of the rubber aggregates on the delayed deformations under constant load of eco-concrete formulated with rubber waste | France |
| V. Achal A. Mukherjee M.S. Reddy | Microbial Concrete: A way to Enhance the Durability of Building Structures | India |
| Bella Ilham Aguida Hamouine Abd El Madjid | Influence of the temperature on compressive strength of concrete crushed limestone sand concrete | Algeria |
| B. Ahmadi F. Pargar A. Dousti M. Shekarchi | Effect of natural zeolite as a pozzolanic material on the chloride diffusion of concrete | Iran |
| H. Al Nageim B. Saghafi P. Visulios N. Ghazireh | Evaluation of the potential partial use of waste fines limestone aggregates steel slag and incinerator waste residues as alternative aggregates in road base materials | United Kingdom |
| Mohammad H. Alawi Mohammed A. Saif | Utilization Of Wearing Course Waste Materials In Asphalt Concrete Mix | Saudi Arabia |
| Andrew Alcorn Michael Donn | Life cycle potential of strawbale and timber for carbon sequestration in house construction. | New Zealand |
| Kwasi Osafo Ampadu Henry Adjei Belinda Osafo-Ampadu Nkansah Bawuah | Investigation Into The Utilization Of Rice Husk Ash-Calcined Clay Blend As A Pozzollana | Ghana |
| C.Andrade R. D'andrea | Design Of Concrete Mixes To Fulfil Target Resistivities | Spain |
| Martinez C. Andrade R. d'Andrea N. Rebolledo | Embedded Sensors For The Monitoring Of Durability | Spain |
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| Omer Arioz Kadir Kilinc Mustafa Tuncan Ahmet Tuncan Onur Zeybek Taner Kavas | Physical Mechanical and Micro-structural Properties of Fly Ash Based Geobricks Produced by Pressure Forming Process | Turkey |
| Toshiki Ayano Hisahiro Matsunaga Takashi Fujii Kenji Sakata | Resistance Of Concrete With Granulated Blast Furnace Slag Sand To Sulfuric Acid Attack | Japan |
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| N. Banthia | Piezoresistive FRCS As Sensors For Structural Health Monitoring | Canada |
| V. Baroghel-Bouny M. Thiery K. Kinomura | Easy assessment of durability indicators for concretes with high-volume of supplementary cementing materials | France |
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| Madani Bederina Michele Queneudec | Characterization Of River - Dune Sand Concrete Lightened By Addition Of Wood Shavings | Algeria |
| Mark Bediako | Potential use of crushed Ghanaian limestone in formulated mortar for masonry | Ghana |
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| Fatih Bektas Kejin Wang | Use of Ground Clay Brick to Suppress Deterioration due to Potassium-Acetate Deicer | United States |

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| Rick Best | No title given | Australia |
| M. C. Bignozzi F. Sandrolini F. Andreola L. Barbieri I. Lancellotti | Recycling electric arc furnace slag as unconventional component for building materials | Italy |
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| Luca Bottalico Massimo Borsa | Use Of Eaf (Electric Arc Furnace Steel Slag) As Non-Natural Aggregate In Concrete | Italy |
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| Eckart Bühler | Recovered Mineral Component (Silica Fume) in U.S. Concrete Applications | United States |
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| Henry E. Cardenas Joshua Alexander Kunal V. Kupwade-Patil Luz Marina Calle | Field testing of high current electrokinetic nanoparticle treatment for corrosion mitigation in reinforced concrete | United States |
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| Farnam Ghassemzadeh Mehdi Khanzadeh Mohammad Shekarchi | Repair of the LPG jetty in Persian Gulf region | Iran |
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| Brian H. Green Joseph P. Koester Charles A. Weiss Jr. Annette Stumpf Joanne Qualey | Sustainable Design and Development in the US Army Corps of Engineers | United States |
| Dennis G. Grubb Maria Chrysochoou Michael Shrock | Dredged Material Stabilization Using Lime Kiln Dust | United States |
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| Ahmed Hadj-Sadok Luc Courard Said Kenai | Transport properties of mortars and concretes modified with medium hydraulic activity blast furnace slag | Algeria |
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| P. Van Den Heede N. De Belie | Durability Related Functional Units for Life Cycle Assessment (LCA) of High-Volume Fly Ash Concrete (HVFA concrete) | Belgium |
| Edward Hirst Kevin Paine Tim Yates Peter Walker. | characterisation of hemp-lime building materials under compression loading | United Kingdom |

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| Takashi Horiguchi Ryo Fujita Teppeï Kudoh | Applicability Of CLSM With Incinerated Sewage Sludge Ash And Crushed-Stone Powder | Japan |
| P.Hosseini A.Booshehrian M.M.Khodavirdi M.Delkash A.Momtazi A.H.Mazrooei | Properties of HSC prepared with coarse recycled brick aggregate incorporating nano-SiO ₂ particles | Iran |
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| Obada Kayali | Engineering industrial by-products for sustainable concrete structures | Australia |
| Claudio De Souza Kazmierczak Douglas Gabriel Fröhlich Daiana Metz | Influence Of Brick Water Absorption In The Performance Of Mortars Made With Manufactured Fine Aggregates Of Crushed Stone | Brazil |
| Martin Keppert Michal Šyc Vratislav Tydlitát Lukáš Fiala Petra Volfová Milena Patricia Espinosa Herrera Robert Černý | Characterization of solid waste materials produced by MSWI facility Liberec (Czech Republic) from the point of view of civil engineering | Czech Republic |
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| D. S. Kosson A. Garrabrants F. Sanchez P. Kariher S. Thorneloe H. Van Der Sloot G. Helms | Use of a Leaching Assessment Framework for Evaluation of the Impacts of Coal Type and Facility Configuration on Beneficial Use Scenarios for Coal Combustion Residues | United States |
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| Felice Liberatore Michele Valente Alessandro Pasqualini Michele Vigneri Agostino Cadornin. | The efficiency index : factors influencing the effectiveness of fly ash in concrete | Italy |
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| Harry P. Moats | What is Sustainable Timeless and Beautiful? Concrete | United States |
| Mohammed Tarek Uddin M R Kabir M A Awal Asheque Al Mahbub Hidenori Hamada J. M. Khatib | Recycling of Concrete made with Brick Aggregate | Bangladesh |
| Knorad Mollenhauer Nathalie Piérard Ann Vanelstraete Michael Wistuba | Simulating site aging of surface asphalt courses in laboratory | Germany |

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| R Muigai M Alexander | Contribution of the Durability Index Approach towards Sustainable Concrete Structures | South Africa |
| M. A. B Othuman Mydin Y. C Wang | Behavior Of Lightweight Foamed Concrete Based Systems When Exposed To High Temperatures | United Kingdom |
| Bella Nabil Assroun Aissa Bella Ilham Aguida | The effectiveness of different solutions to reduce plastic shrinkage in hot climate concreting using design of Experiment method approach | Algeria |
| Tarun R. Naik Rakesh Kumar Rudolph N. Kraus Ken Ladwig | Carbonation: An Efficient Economical And Viable Process For CO ₂ Sequestration | United States |
| By Tarun R. Naik Rudolph N. Kraus Rakesh Kumar | CO ₂ Sequestration in Non-air Entrained Concrete | United States |
| Hikaru Nakamura | Analysis on cracking propagation during life of concrete structures using RBSM | Japan |
| Demetris Nicolaidis Antonis Kanellopoulos Andreas Partaourides | Investigation of the successful reuse of concrete rubbles as Recycled Concrete Aggregates (RCA) | Cyprus |
| R.M. Nidzam J.M. Kinuthia | Sustainability – Lightweight Building Components from Waste | United Kingdom |
| M. Nili A. Ehsani K. Shabani | Influence of colloidal nanosilica and microsilica on Strength and absorption | Iran |

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| | properties of concrete | |
| Hamed Niroumand | Investigation Of Straw Earth Brick In Compressive Strength | Malaysia |
| Hamed Niroumand | Performance Of Earth Bricks With Shred Tires | Malaysia |
| Hamed Niroumand | The Earth Brick and Fiber Plastics | Malaysia |
| Takafumi Noguchi | Toward Sustainable Resource Recycling in Concrete Society | Japan |
| S. O. Nwaubani A.Katsanos M. Mulheron | Corrosion Resistance of Reinforced Concrete Exposed to Calcium Acetate De-Icing Salt. | United Kingdom |
| Jonathan O'donnell Craig H. Benson Tuncer B. Edil | Trace Element Leaching From Pavements With Fly Ash-Stabilized Bases And Subgrades: Experience In The Midwestern Us | United States |
| Dellé Odeleye Brian Menzies | Sustainable Materials: Quality Perceptions & Implementing Resource Efficiency – The UK Planning Perspective | United Kingdom |
| O.L. Oke T. Parry N.H. Thom G.D. Airey | Laboratory Ageing Protocols for Asphalt Recycling in Hot Climates | United Kingdom |
| J M Ortega I Sanchez M A Climent | Influence of environmental conditions on the durability properties of slag cement mortars | Spain |
| Mohamed Osmani | Potential applications of glass reinforced plastic waste in concrete composites | United Kingdom |
| I. Papayianni | High strength concrete with high volume of calcareous fly ash | Greece |
| I. Papayianni E. Anastasiou | Calcareous Fly Ash As Stabilizer Of Soil | Greece |
| I. Papayianni E. Anastasiou M. Papachristoforou | High Performance Concrete For Pavements With Steel Slag Aggregate | Greece |
| T. Parhizkar A.M. Raiess Ghasemi A.R. Pourkhorshidi A.A. Ramezaniapour | Influence of fly ash and dense packing method for increase durability of high performance concrete against to acid corrosion | Iran |
| Charles E. Pierce Randall Brown Samuel Foster | Engineering Properties of Controlled Low-Strength Materials with Recycled Organic Aggregate | United States |
| I. S. Pinheiro L. C. Montenegro | pozzolanic activity of recycled red ceramic bricks | Brazil |

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| A. G. Gumieri | | |
| Rob B. Poldera Timo G. Nijlenda Greet Leegwatera Joe A. Larbia Jeanette H.M. Vissera Siska L.A. Valckea | High Filler Concrete Using Fly Ash: Chloride Penetration And Microstructure | The Netherlands |
| Salvatore Lo Presti | Pet Artificial Aggregate To Manufacture Lightweight Concrete | Italy |
| Salvatore Lo Presti Maurizio Barbara Salvatore Cutaia Francesco Di Paola Serena Mineo Francesco Provenzani | Artificial and lightweight aggregate realized with cementitious paste or mortar encircling a nucleus of EPS to manufacture structural concretes. Its possible application developments. | Italy |
| A. Princigallo | Using Dealuminated Metakaolin In Concrete As Microsilica Substitute | Italy |
| Pedro Quiroga Nancy Torres | Concrete With Aggregates From Construction And Demolition Waste In Colombia | Columbia |
| Phung Trong Quyen K. Van Breugel Z. Guo G. Ye | The Earlier Hydration of Blended Cements using Micronized Sands as Partial Replacement of Portland Cement | The Netherlands |
| Marc Rached David Fowler Eric Koehler | Use of Aggregates to Reduce Cement Content in Concrete | United States |
| L. Raki | Properties of Concrete Containing New Supplementary Cementing Materials | Canada |
| A.A. Ramezaniapour E.Aramoon S.Mirvalad | Natural Pozzolans role in enhancing the concrete durability against chloride attack | Iran |
| A.A. Ramezaniapour E.Aramoon S.Mirvalad | Effect of four Iranian Natural Pozzolans on concrete durability against sulfate attack | Iran |
| Ali A. Ramezaniapour E. Ghiasvand I. Nickseresht | Engineering properties and durability of concretes containing lime stone cements | Iran |
| A.A.Ramezaniapour P.Pourbeik F.Moodi M.Mahdikhani | Mechanical Properties And Durability Of Concretes Containing Rice Husk Ash As Supplementary Cementing Material | Iran |
| Adam C. Ramme Bruce W. Ramme | High-Volume Fly Ash Structural Grade Concrete For Use In Transmission Structure Foundations | United States |

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| Bruce W. Ramme Tarun R. Naik Rudolph N. Kraus | An Investigation Of CO2 Sequestration Through Mineralization | United States |
| Robert Rathbone David Rust Adam Peterson Kamyar Mahboub Thomas Robl | Fluidized Bed Combustion Ash Utilization: II. CFBC Bottom Ash as a Cementitious Material. | United States |
| D. V. Reddy Diana Arboleda Khaled Sobhan | Use of Hybrid Rice Husk Ash/Fly Ash as Sustainable and Green Supplementary Materials for Concrete in the Marine Environment | United States |
| Alan Richardson Kathryn Coventry | Early life freeze/thaw durability of Type 1 polypropylene fibre and ground granulated blast furnace slag concretes. | United Kingdom |
| Thomas Robl Kamyar Mahboub Will Stevens Robert Rathbone | Fluidized Bed Combustion Ash Utilization: I. CFBC Fly Ash as a Pozzolanic Additive to Portland Cement Concrete. | United States |
| Harry Roedel | Proposed Clay and Light Clay bricks in New Zealand (Eco Buildings) | New Zealand |
| Vito Alunno Rossetti Luca Di Palma Antonella Ferraro | Production of aggregate from non metallic Automotive Shredder Residues | Italy |
| Marialetizia Ruello Saveria Monosi Gabriele Fava | Leachability and Compressive Strength Relationship of Portland Cement Mortar Containing Supplementary Paper Mill Sludge Ash | Italy |
| A. Sadrmomtazi A.M.Mirgozar Langroudi A.K. Haghi | Durability of lightweight expanded polystyrene aggregate concretes | Iran |
| A. Sadrmomtazi A. Barzegar F. Blalaei | Assessment of the effect of nano-SiO ₂ on physical and mechanical properties of self-compacting concrete containing rice husk ash | Iran |
| A. Sadrmomtazi F. Kheirkhah A.K. Haghi | Properties of Rice Husk Ash Concrete Containing Nano-SiO ₂ | Iran |
| A. Sadrmomtazi A. Fasihi | Influence of the nano-SiO ₂ and waste polypropylene fibers on the mechanical strength of cement composite mortars | Iran |
| T. Saeki K. Sasaki | A hydration model of fly ash | Japan |
| John Sager | U.S. EPA Coal Combustion Product Partnership Program | United States |
| Behrooz Saghafi Hassan Al Nageim | PFA-Lime and GBS in Reclaiming the Loss in the | United Kingdom |

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| Nizar Ghazireh Howard Robinson | Resilient Modulus of Road base Material Containing Extra Limestone Dust | |
| Behrooz Saghafi Hassan Al Nageim Shaun Friel Nizar Ghazireh | New Activator to PFA used in Fly Ash Bound Mixtures (FABM) and High Dust Subbase Materials | United Kingdom |
| Safwat Said | Influence of micaceous filler on performance of asphalt concrete | Sweden |
| M. Saidani S. George F. Dan-Jumbo | A novel Aer-Tech material: characteristics and experimental programme | United Kingdom |
| Kaname Saitoh Hiromi Fujiwara Masanori Maruoka Erika Ogura | Study on development for high-strength concrete with a reduction in environmental load | Belgium |
| Etsuo Sakai Eiji Maruya | Material design of cement for increased waste usage and reduction of CO ₂ emissions | Japan |
| Koji Sakai | Concrete and Sustainability | Japan |
| Kazuya Sakamoto Koji Takasu Yasunori Matsufuji | Pore Structure and Strength Contribution of fly ash in The Concrete Using High Volume Fly Ash as A Part of The Fine Aggregate | Japan |
| Ziad M. Salameh | Use of Glass Fiber Reinforced Concrete (GFRC) for Sustainable Rehabilitation of Historic Buildings | United States |
| Aleksander Samarin | Towards Better Understanding of the Amorphous Silica – Alkali Reactions and the Means of Prevention of the Glass Aggregate Expansion in Concrete | Australia |
| I. Sánchez T.S. Albertos J.M. Ortega M.A. Climent | Influence of environmental conditions on the durability properties of fly ash cement mortars | Spain |
| Alicia Moral Santa-Olalla | Environmental properties variability of MSWIBA as alternative aggregate in road construction | Spain |
| V.R. Schaefer J.T. Kevern K. Wang | Pervious Concrete Overlay Design Construction and Performance | United States |
| G De Schutter D Feys R Verhoven | Estimation for the ecological profit for a concrete tube factory shifting its production to self-compacting concrete technology | Japan |

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| Shohei Seiki Tatsuya Nukushina Seddik Meddah Ryoichi Sato | Effectiveness of porous ceramic waste as an internal curing material against Fly Ash Concrete | Japan |
| Sanjaya Senadheera | Material systems for sustainable civil engineering design: A course syllabus delivery and student feedback. | United States |
| Sara Sgobba Giuseppe Carlo Marano Massimo Borsa | Employment Of Rubber Particles From Recycled Tyres As Concrete Aggregate For Engineering Applications | Italy |
| Surendra Shah Nathan Tregger | Application of nanotechnology for sustainable concrete | United States |
| Yixin Shao Sam Wang | Market analysis of CO2 sequestration in concrete building products | Canada |
| C R Shearer N Yeboah K Kurtis S Burns | Investigation of fly ash biomass properties: Characterization and concrete durability performance | United States |
| Shamim A. Sheikh Jingtao Liu Michael Colalillo | Durable Retrofitting Of Concrete Structures | Canada |
| Akira Shigematsu Ryoichi Sato Tatsuya Nukushina Mamoru Kimura | Properties of B-Type Blast Furnace Slag Cement Concrete Cured Internally by Ceramic Roof Material Waste | Japan |
| Hak-Chul Shin Zhifu Wan | Effects of SCM on Shear Bond Strength | United States |
| Robin Shirley Leon Black | Creating Geopolymer Systems for the Immobilisation of Waste Streams- a Win Win Win Situation | United Kingdom |
| Marcia Silva Tarun R. Naik | Sustainable Use Of Resources – Recycling Of Sewage Treatment Plant Water In Concrete | United States |
| Flávio De Andrade Silvaa Barzin Mobasherb Romildo Dias De Toledo Filhoc Viktor Mechtcherinea | Natural Fiber Reinforced Cement Composites: a Proven Reality | Germany |
| Mark Singleton John Hutchinson | The Development of FRP Composites in Building Construction | United Kingdom |
| Gintautas Skripkiūnas Audrius Grinys Eugenijus Janavičius | Porosity and durability of rubberized concrete | Lithuania |
| Zdenek Snirch Jiri Bydzovsky | New possibilities of cooling towers diagnostics and repairs for increasing a service life | Czech Republic |

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| Zdenek Snirch Jiri Bydzovsky | Coating Systems For Concrete Surface Protection | Czech Republic |
| Mia Wimala Soejoso Kenji Kawai Akihiro Fujiki Yusuke Aoki Yuta Iwatani | Sensitivity Analysis Of Parameters Related To The Co2 Emission In Concrete Industry | Japan |
| Mohammed Sonebi | Rheology of pseudo-plastic grouts containing viscosity modifying agent and ground granulated blastfurnace slag | United Kingdom |
| Mn Soutsos Kk Tang Sg Millard | The Use of Recycled Demolition Aggregate in Precast Concrete Products | United Kingdom |
| Issam Srouf Ghassan Chehab Elie Awwad Wai Oswald Chong | The use of sustainable materials and techniques in the context of the Lebanese construction industry. | Lebanon |
| Miguel P. Stehling Abdias M. Gomes | CO2 Emissions From Cement Manufacture Industry in Minas Gerais Brasil | Brazil |
| Thorsten Stengel | On the way to more sustainable concrete structures | Germany |
| Alexander Yu. Stepanov | Hazard Loadings On Building Members And Evaluation Of Human And Material Loses | Russia |
| Valentina F. Stepanova | Composite Nonferrous Reinforcement For Building Structures | Russia |
| Valentina F. Stepanova | Carbonation Process In Concrete Under Aggressive Carbon Dioxide Attack | Russia |
| Larry Sutter Karl Peterson Jacob Vermillion | Impact of Hydrated Cement Paste Quality and Entrained Air-Void System on the Durability of Concrete | United States |
| Šyc Michal Pohořelý Michael Punčochář Miroslav Fišerová Eva Pekárek Vladimír | Fly Ash Treatment Technology in Modern Waste Incineration Plant | Czech Republic |
| Koji Takasu Yasunori Matsufuji | Strength Property of The Concrete Using High Volume Fly Ash as a Part of The Fine Aggregate Under 40 °C Air Curing | Japan |
| Issam Takla Nicolas Burlion Jian-Fu Shao | Experimental study of the effects of CO2 on multiaxial mechanical behaviour and | France |

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| André Garnier | permeability of an oilwell cement | |
| P Valdez Tamez G Fajardo San Miguel M Torres Lopez L A Villeda Wong | Influence of mechanically activated fly ash on the durability of reinforced concrete | Mexico |
| Prasanth Tanikella Jan Olek | Incorporating Physical and Chemical Characteristics of Fly Ash in Statistical Modeling of Binder Properties | United States |
| Michael Thomas | Optimizing the Fly Ash Content for Sustainability Constructability and Durability | Canada |
| Michael Thomas | Sustainable Concrete Construction in a Marine Environment | Canada |
| F. Tittarelli G. Moriconi | Re-Use Of Grp Industrial By-Product In Cement Based Materials | Italy |
| F. Tittarelli S. Monosi M.L. Ruello G. Moriconi | Effect of different types of Used Foundry Sands on mechanical performance of cement mortars | Italy |
| İ.B.Topçu T. Bilir İ. Yüksel | Effects of Blast Furnace Slag and Bottom Ash to Concrete Durability | United Kingdom |
| İ.B. Topçu T. Bilir H.Kuşan | Life Cycle Assessment of Concrete Using Adaptive Neuro-Fuzzy Inference Systems | Turkey |
| Javad Torkaman Seed Mehdi Fatehmy | Investigation on the properties of particleboard were made with rice husk and urea formaldehyde resin | Iran |
| François Toutlemonde | Some new structural applications of UHPFRC towards more durable and sustainable road bridges | France |
| Aline Troian Marlova P. Kulakowski Cláudio S. Kazmierczak | Chloride Ions Penetration In Concrete With Recycled Concrete Aggregate. | Brazil |
| S. Tsimas | Incorporation Of Ccp's In Cement And Concrete. The Hellenic Case | Greece |
| Tamon UEDA | External Bonding: An efficient method to achieve long life | Japan |
| Mahdi Valipoura Farhad Pargarb Mohammad Shekarchic | Chloride diffusion assessment in nine months non pozzolanic concrete specimens in Persian Gulf | Iran |
| Mahdi Valipoura Farhad Pargar Mohammad Shekarchi | Investigating Chloride Threshold Value of Concrete Specimens containing Natural Pozzolan Zeolite in Persian Gulf | Iran |

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| Mahdi Valipoura Farhad Pargar Mohammad Shekarchi | Comparison of chloride diffusion in three months concrete specimens containing zeolite and silica fume pozzolans in the Persian Gulf Region | Iran |
| H.A. Van Der Sloot J.C.L. Meeussen D.S. Kosson O. Hjelm | Use of Chemical Speciation and Reactive Transport to Predict Leaching from Coal Combustion Residues in Construction Applications | The Netherlands |
| Nguyen Van Tuan Zhanqi Guo Guang Ye Klaas Van Breugel | Apparent activation energy of cement blended with rice husk ash | The Netherlands |
| Dana Vanier Thomas Froese | Sustainable Management of Core Public Infrastructure | Canada |
| G. Vardaka S. Tsimas | Recycling Of Demolition Wastes In Pervious Concrete. | Greece |
| Enric Vazquez Marilda Barra | Durability And Environmental Impact Of Recycled Concretres | Spain |
| František Vodák Vítězslav Vydra Karel Trtík Olga Kapičková | Verification of the hypothesis about carbonation of hardened cement paste | Czech Republic |
| G. Vola E. Lovera R. Tezza | Re-Use Of By-Products Of The "Luserna Stone" For Construction Materials: Technologies Environmental Sustainability And Economic Feasibility | Italy |
| Yu.S.Volkov L.A.Malinina | Production And Use Of Concrete And Reinforced Concrete As An Ecological Dominant | Russia |
| Daniel M. Vruno | no title given (I35 W) | United States |
| Johan Vyncke Jeroen Vrijders | Recycling of Construction and Demolition Waste in Belgium. State-of-the-art and opportunities for technology transfer | Belgium |
| J. Wang K. Van Tittelboom N. De Belie W. Verstraete | Potential of applying immobilized Bacillus sphaericus to heal cracks in concrete autonomously | Belgium |
| Y. Wang Z. Q. Guo K. Van Breugel | Study On Cement Partially Replaced By Micronized Sands | The Netherlands |
| Wataru Itoh Kei-Ichi Imamoto Akio Tanaka | No title given | Japan |

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| Mahmoud Wazne Dennis G. Grubb | The Use Of Steel And Blast Furnace Slag Fines To Immobilize Heavy Metals In Firing Range Soils | United States |
| Charles A. Weiss Philip G. Malone Michael L. Koenigstein | Vitreous-Ceramic Bonding Enamel: The Key to Strengthening Reinforced Concrete by Carbon Dioxide Sequestration | United States |
| Ana Paula Werle Claudio De Souza Kazmierczak | Carbonation In Concrete Made With Coarse Recycled Concrete Aggregates | Brazil |
| H.G. Wheat | Effect of Fly Ash Replacement on Corrosion of Steel in Concrete-An Update | United States |
| Christopher James Whitman Daniela Fernandez Holloway | The Viability Of Improving Energy Efficiency And Hicrothermic Comfort Of Rural Social Housing In Central Chile Using Straw Bale Construction. | Chile |
| Michael Wistuba Katharina Metzker | Laboratory results from wax modification of bitumen | Germany |
| A.J. Wright | Embracing Sustainable External Walling – The Economic and Environmental Impact | United Kingdom |
| L Wright J M Khatib P S Mangat | Effect of Simulated Desulphurised Waste Content on Resistance to Sodium Sulphate | United Kingdom |
| Shilang Xu Xiufang Zhang | Influence of UHTCC ductile layer thickness on flexural behavior of UHTCC layered concrete composite beams | China |
| Wang Xudong | Research on optimal design of the cement bound grading macadam for over-load traffic | China |
| Wang Xudong | Research on volumetric characteristics of the asphalt mixture through GTM | China |
| T. Yamada Y. Sato H. Okada T. Otani K. Ueda Y. Akiyoshi | Development of Production Method for Carbon-free Fly Ash (CfFA) and Properties of Concrete Containing CfFA | Japan |
| Satoru Yamamoto Kenkichi Tashiro Yoshiko Hosoda Kouji Ishii Hiroshi Seki | Experimental Consideration on Corrosion Protection Criterion of RC Members under Humid Conditions | Japan |
| Yatsen J. S. Maldonado Savastano J. Holmer | Extruded Cement Composites Reinforced With Residual Fibers | Brazil |

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| N. Yazdani M. Filsaime T. Manzur | Effect of Steam Curing on Concrete Piles with Silica Fume | United States |
| Guang Ye Walter De Vries Klaas Van Breugel | Use of Micronized Sand as Replacement of Portland Cement - Modelling the Hydration Process and Microstructure Development | The Netherlands |
| Kyu-Seok Yeon Yoon-Sang Choi | Mechanical Properties of Recycled Polymer Concrete Using Crushed Polymer Concrete as a Aggregate | Korea |
| Jia Huan Yu Li Yang | The Influence of Fly Ash Content on Microstructures. Mechanical Properties and Environmental Impacts of Engineered Cementitious Composites (ECC) | China |
| İ. Yüksel İ.B. Topçu T. Bilir | Effects Of The Replacement Of Industrial By-Products As Fine Aggregate In Concrete To Chloride Penetration | Turkey |
| Jiri Zach Jitka Hroudova | Utilization of technical hemp for thermal insulating materials production | Czech Republic |
| John Zachar | More Sustainable and Economical Precast and Prestressed Concrete Through the Incorporation of Fly Ash as a Cement Replacement | United States |
| John Zachar | More Sustainable and Economical Concrete Using Used Foundry Sand Cupola Slag and Residuals from Pulp and Paper Mills | United States |
| Min-Hong Zhang Kåre Reknes | Effect of Superplasticizers on Workability Retention and Initial Setting Time of Cement Pastes | Singapore |
| Xiufang Zhang Shilang Xu | Evolution of neutral axis depth in reinforced flexural components made of ultra high toughness cementitious composite | China |
| A. Zhiv B. Isakulov Y. Zhiv. | Practical experience and prospects for production of foamed concrete taking advantage of the use of cotton - cleaning industry waste | Russia |
| Morteza Zohrabi Seema Karami | Performance Requirements For The Use Of Recycled And Alternative Aggregates In Asphalt Pavements | United Kingdom |
| E. Zornoza P. Garcés | Durability Properties Of Reinforced Mortars Of | Spain |

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| M.V. Borrachero J. Payá | Cement Partially Substituted With Spent Catalytic Cracking Catalyst (FC3R) | |
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