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Abdelmoumen	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
Achal	Varenyam Achal, Abhijit Mukherjee, and M. Sudhakara Reddy	Microbial Concrete: A way to Enhance the Durability of Building Structures
Aguida	BELLA Ilham Aguida, HAMOUINE Abd El Madjid, and BELLA Nabil	Influence of The Temperature On Compressive Strength of Crushed Limestone Sand Concrete
Al Nageim	H. Al Nageim, B. Saghafi, S. Ferrel, P. Visulios, N. Ghazireh	Evaluation of the Potential Partial Use of Fine Limestone Dust and Steel Slag Waste Aggregates in Road Base Materials
Alcorn	Andrew Alcorn, Michael Donn	Life cycle potential of strawbale and timber for carbon sequestration in house construction
Ampadu	Kwasi Osafo Ampadu, Henry Adjei, Belinda Osafo-Ampadu, Nkansah Bawuah	INVESTIGATION INTO THE UTILIZATION OF RICE HUSK ASH-CALCINED CLAY BLEND AS A POZZOLLANA
Andrade	I. Martínez, C. Andrade, A. Castillo, N. Rebolledo, R. D'Andrea	Embedded Sensors For The Monitoring Of Durability In Spain
Andrade	Carmen Andrade , Renata d`Andréa	Concrete mix design based on the electrical resistivity
Andreola	Fernanda Andreola, Luisa Barbieri, Isabella Lancellotti	End of life-materials: the case of WEEE glass recovery in the construction sector
Andreola	Fernanda Andreola, Luisa Barbieri, Isabella Lancellotti	Recovery of Glazing Ceramic Sludge in Construction Materials
Anochie-Boateng	Joseph Anochie-Boateng, Erol Tutumluer	Characterizing Shear Properties of Fine-Grained Subgrade Soils under Large Capacity Construction Equipment
Antonini	Ernesto Antonini1,Valeria Giurdanella,Alessandra Zanelli	REVERSIBLE DESIGN Strategies to allow buildings' deconstruction and salvaged material's second life
Ayano	Toshiki AYANO,Hisahiro MATSUNAGA,Takashi FUJII, Kenji SAKATA	Resistance of concrete with granulated blast furnace slag sand to sulphuric acid attack
Ayrilmis	Nadir Ayrilmisa and Songklod Jarusombutib	Flat-Pressed Wood Plastic Composite Panel as an Alternative to Conventional Wood Based Panels
BAERT	Baert, G., De Belie, N.*, De Schutter, G.	A multi-compound model for the hydration of Portland cement – fly ash binders

Banthia	F. Azhari and N. Banthia	Structural Health Monitoring using Piezoresistive Cementitious Composites
Bartuli	Cecilia Bartuli , Ranieri Cigna, Osvaldo Fumei, Teodoro Valente	A critical examination of the European Standard EN 1504, “Products and Systems for Protection and Repair of Concrete Structures”
BEDERINA	Madani Bederina, Michele Quéneudec	Characterization of River-Dune Sand Concrete Lightened by Addition of Wood Shavings
Bediako	M. Bediako, A.A.A Adjaottor, S.K.Y Gawu,C.K. Kankam	POTENTIAL USE OF CRUSHED GHANAIAN LIMESTONE IN PASTE AND MORTAR FORMULATED FOR MASONRY.
Bektas	Fatih Bektas, Kejin Wang	Use of Ground Clay Brick to Suppress Deterioration due to Potassium-Acetate Deicer
Best	Rick Best	Specifying and Sourcing Materials for a Best Practice Sustainable Education Facility
Bignozzi	Maria Chiara Bignozzi,Franco Sandrolini,Fernanda Andreola,Luisa Barbieri,Isabella Lancellotti	Recycling Electric Arc Furnace Slag as Unconventional Component for Building Materials
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Biolzi	Luigi Biolzi,Sara Cattaneo,Gianpaolo Rosati,Gianluca Guerrini	Monitoring of a very-high performance concrete bridge
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Ramme B	Bruce W. Ramme, Tarun R. Naik, Rudolph N. Kraus	AN INVESTIGATION OF CO2 SEQUESTRATION THROUGH MINERALIZATION
Rathbone	Robert Rathbone, David Rust, Adam Peterson, Kamyar Mahboub, Thomas Robl	Fluidized Bed Combustion Ash Utilization: II. CFBC Bottom Ash as a Cementitious Material
Reddy	D. V. Reddy, Diana Arboleda, and Khaled Sobhan	Use of Hybrid Rice Husk Ash/Fly Ash as Sustainable and Green Supplementary Materials for Concrete in the Marine Environment

Richardson	Alan Richardson, Kathryn Coventry	Early life freeze/thaw durability of Type 1 polypropylene fibre and ground granulated blast furnace slag concretes
Robl	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
ROSSETTI	Vito Alunno Rossetti, Luca Di Palma, Antonella Ferraro	Production and characterization of aggregate from non metallic Automotive Shredder Residues
Ruello	Valeria Corinaldesi, Gabriele Fava, Maria Letizia Ruello	Paper Mill Sludge Ash as Supplementary Cementitious Material
Ruxandra	Sorina Mitrea, Petru Budrugeac, Alina Ruxandra Caramitu, Gabriela Sbarcea, Lidia Avadanei	Characterization methods of some composites based on polypropylene reinforced with biodegradable fibers, for automotive applications
Sadrmomtazi	Ali Sadrmomtazi, Hasan Barzegar	Assessment of the Effect of Nano-SiO2 on Physical and Mechanical Properties of Self-Compacting Concrete Containing Rice Husk Ash
Sadrmomtazi	Ali Sadrmomtazi, Farzad Kheirkhah, Ali Fasihi, Akbar K. Haghi	Properties of Rice Husk Ash Concrete Containing Nano-SiO2
Sadrmomtazi	Ali Sadrmomtazi and Ali Fasihi	Preliminary Study on the Mechanical Behavior of Mortar Containing Waste Polypropylene Fiber and Nano-SiO2
Sadrmomtazi	Ali Sadr Momtazi, Mir Alimohamad Mirghozar Langrudi, Akbar Khodaparast Haggi, Hadi Rasmi Atigh	Durability of lightweight concrete containing EPS in salty exposure conditions
Saghafi	Behrooz Saghafi, Hassan Al Nageim, Shaun Friel, Nizar Ghazireh	New Activator to PFA used in Fly Ash Bound Mixtures (FABM) and High Dust Base and Subbase Materials
Saitoh	Kaname Saitoh, Hiromi Fujiwara, Masanori Maruoka, and Erika Ogura	Study on Environment-Friendly Concrete Using Compound Materials
Sakai E	Etsuo Sakai, Eiji Maruya	Material design of cement for increased waste usage and reduction of CO2 emissions
Sakai K	Sakai K	Concrete and Sustainability
Samarin	Aleksander Samarin	Towards Better Understanding of the Amorphous Silica – Alkali Reactions and the Means of Preventing Glass Aggregate Expansion in Concrete
Sanchez	I. Sánchez, T.S. Albertos, J.M. Ortega, M.A. Climent	Influence of environmental conditions on the durability properties of fly ash cement mortars

Santa-Olalla	A. Moral, F. Sinis, J. Hervás, A. Cerdá	ENVIRONMENTAL PROPERTIES VARIABILITY OF MSWI BOTTOM ASH AS ALTERNATIVE AGGREGATES IN ROAD CONSTRUCTION
Schaefer	Vernon R. Schaefer, John T. Kevern and Kejin Wang	Pervious Concrete Overlay Design, Construction and Performance
Schutter	De Schutter, G., Feys, D., Verhoeven, R.	Estimation of the ecological profit for a concrete pipe factory shifting its production to self-compacting concrete technology
Seiki	Shohei Seiki, Tatsuya Nukushina, Seddik Meddah, Ryoichi Sato	Effectiveness of Porous Ceramic waste as an internal curing material for Fly Ash concrete
Senadheera	Sanjaya Senadheera	A Course on Sustainable Materials Use in Civil Engineering: Syllabus, Delivery and Student Feedback
Sgobba	Sara SGOBBA , Giuseppe Carlo MARANO , Massimo BORSA and Marcello MOLFETTA	Use of rubber particles from recycled tires as concrete aggregate for engineering applications
Shah	Surendra P. Shah and Nathan Tregger	Improving Fly Ash Cementitious Materials for Sustainable Construction through Nanotechnology
Shao	Yixin Shao, Sean Monkman and Sam Wang	Market analysis of CO2 sequestration in concrete building products
Shearer	Christopher R. Shearerab, Nortey Yeboahac, Kimberly E. Kurtisad, Susan E. Burnsae	Investigation of biomass co-fired fly ash properties: Characterization and concrete durability performance
Sheikh	Shamim A. Sheikh and S. M. Homam	Durable Retrofitting of Concrete Structures
Shigematsu	Akira Shigematsu , Ryoichi Sato, Tatsuya Nukushina, Mamoru Kimura	Improvement of Properties of B-Type Blast Furnace Slag Cement Concrete by Internal Curing used Ceramic Roof Material Waste as a Part of Coarse Aggregate
Shin	Hak-Chul Shin and Zhifu Wan	Interfacial Properties Between New and Old Concretes
Silva	Marcia Silva and Tarun R. Naik	Sustainable Use of Resources – Recycling of Sewage Treatment Plant Water in Concrete
Singleton	Mark Singleton, John Hutchinson	The Development of Fibre-Reinforced Polymer (FRP) Composites in Building Construction
Skripkiunas	Gintautas Skripkiūnas, Audrius Grinys, Eugenijus Janavičius	Porosity and durability of rubberized concrete
Soejoso	Mia Wimala Soejoso, Kenji Kawai, Akihiro Fujiki, Yusuke Aoki, Yuta Iwatani	STUDY ON A FEW PARAMETERS RELATED TO THE ENVIRONMENTAL IMPACT IN PRECAST CONCRETE

		PRODUCTION
Sonebi	Mohammed Sonebi	Rheology of pseudo-plastic grouts containing ground granulated blastfurnace slag and viscosity enhancing admixture
Sonebi	K. J. Owens, Y. Bai, D. Cleland, P.A.M. Basheer, J. kwasny, M. Sonebi, S. Taylor, A. Gupta	Activation of High Volume Fly Ash Pastes using Chemical Activators
Soutsos	MN Soutsos, KK Tang, and SG Millard	The Use of Recycled Demolition Aggregate in Precast Concrete Products
Srour	Issam Srour, Ghassan Chehab, Elie Awwad and Wai Oswald	The use of sustainable techniques in the Lebanese construction industry
Stehling	Miguel P. Stehling, Abdias M. Gomes	CO2 Emissions From Brazilian Cement Manufacture Industry
Stepanov	Alexander Yu. Stepanov	Carrying capacity of structural elements of buildings at emergency explosions and impacts
Stepanova	Valentina F. Stepanova	CARBONATION PROCESS IN CONCRETE UNDER AGGRESIVE CARBON DIOXIDE ATTACK
Sutter	Larry Sutter, Karl Peterson, Jacob Vermillion	The Effect of Entrained Air-Void System Parameters and Supplementary Cementitious Materials on the Freeze-Thaw Durability of Concrete
Syc	Šyc Michal, Keppert Martin, Pohořelý Michael, Novák Petr, Punčochář Miroslav, Fišerová Eva, Pekárek Vladimír	Fly Ash Treatment Technology in Modern Waste Incineration Plant
Takasu	Koji Takasu, Yasunori Matsufuji	Strength Property of The Concrete Using High Volume Fly Ash as a Part of The Fine Aggregate Under 40 ℃ Air Curing
Takla	Issam Takla, Nicolas Burlion, Jian-Fu Shao, Jérémie Saint-Marc, André Garnier	Effects of the storage of CO2 on multiaxial mechanical and hydraulic behaviours of an oilwell cement
Tam	Vivian W. Y. Tam	Rate of Reusable and Recyclable Waste in Construction
Tanikella	Prasanth Tanikella and Jan Olek	Incorporating Physical and Chemical Characteristics of Fly Ash in Statistical Modeling of Binder Properties
Thomas	Michael D.A. Thomas	Optimizing the Fly Ash Content for Sustainability, Durability and Constructability

Thomas	Michael D.A. Thomas and Allan C.N. Scott	Sustainable Concrete in a Marine Environment
Tittarelli	Francesca Tittarelli, Shiho Kawashima, Nathan Tregger, Giacomo Moriconi and Surendra P. Shah	Effect of GRP by-product addition on plastic and hardened properties of cement mortars
Topcu	İlker Bekir Topçu , Turhan Bilir , Hakan Kuşan	Life Cycle Assessment of Concrete Using Adaptive Neuro-Fuzzy Inference Systems
Torkman	Javad Torkaman	IMPROVEMENT MECHANISM OF BONDABILITY IN RICE HUSK PARTICLEBOARD WAS MADE WITH SODIUM SILICATE BY ISOCYANATE RESIN
TSIMAS	S. Tsimas	Incorporation of CCP's in Cement and Concrete. The Hellenic Case
Van Tuan	Nguyen Van Tuan, Guang Ye, Klass van Breugel and Zhanqi Guo	Apparent activation energy of cement blended with Rice husk ash
VARDAKA	G. Vardaka, C-T. Galbenis and S. Tsimas	Evaluation of Construction and Demolition Wastes as Aggregates in Pervious Concrete
Vodak	František Vodák, Vítězslav Vydra, Karel Trtík, Olga Kapičková	Effect of gamma irradiation on hardened cement paste
VOLA	Gabriele Vola, Enrico Lovera, Roberto Tezza, Edoardo Piazza	Re-use of by-products of the "Luserna Stone" for construction materials: technologies, environmental sustainability and economic feasibility
Volkov	Yu.S.Volkov, L.A.Malinina	THE PRODUCTION AND USE OF CONCRETE AND REINFORCED CONCRETE AS ECOLOGICAL DOMINANT
Vyncke	Johan Vyncke, Jeroen Vrijders	Recycling of Construction and Demolition Waste in Belgium: State-of-the-art and opportunities for technology transfer
Wang J	J. Wang, K. Van Tittelboom, N. De Belie, W. Verstraete	Potential of applying bacteria to heal cracks in concrete autonomously
Wang Y	Y. WANG, Z. Q. GUO, K. van BREUGEL	Study on Micronized Sands as Cement Replacement
Wataru	Wataru Itoh, Kei-ichi Imamoto , Akio Tanaka	Internal Curing effect of Artificial Lightweight Aggregate on Green Concrete comprising Pulverized Waste Plasterboard, Ground Granulated Blast Furnace Slag and Fly Ash
Weiss	Charles A. Weiss, Philip G. Malone, Michael L.	Vitreous–Ceramic Bonding Enamel: The Key to Strengthening Reinforced

	Koenigstein	Concrete by Carbon Dioxide Sequestration
Wheat	H.G. Wheat	Effect of Fly Ash Replacement on Corrosion of Steel in Concrete-An Update
Whitman	Christopher James Whitman, Daniela Fernandez Holloway	The viability of improving energy efficiency and higrothermic comfort of rural social housing in central Chile using straw bale construction
Wright L	L Wright, J M Khatib, P S Mangat	Effect of Simulated Desulphurised Waste Content on Resistance to Sodium Sulphate
Xudong	Wang Xudong, Wang Shuiyin, Zhang Lei	Research on Optimal Design of the Cement-bound grading macadam for Over-load Traffic
Yamada	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
Yamamoto	Satoru YAMAMOTO, Kenkichi TASHIRO, Yoshiko HOSODA, Kouji ISHII, Hiroshi SEKI	Experimental Consideration on Criteria for Cathodic Protection of RC Members under High Moisture Conditions
Yazdani	N. Yazdani, M. Filsaime, T. Manzur	Effect of Steam Curing on Concrete Piles with Silica Fume
Yeon	Kyu-Seok Yeon, Yoon-Sang Choi, Sang-Hoon Hyun	Properties of Recycled Polymer Concrete Using Crushed Waste Polymer Concrete and Mortar as a Aggregate
Yuksel	İ. Yüksel, İ.B. Topçu, T. Bilir	Effects of the Replacement of Industrial By-Products as Fine Aggregate in Concrete on Chloride Penetration
Zach	Jiri Zach, Jitka Hroudova	Utilization of technical hemp for thermal insulating materials production
Zachar	John Zachar and Tarun R. Naik	More Sustainable and Economical Concrete Using Fly Ash, Used Foundry Sand, and Other Residuals
Zachar	John Zachar	More Sustainable and Economical Precast and Prestressed Concrete Through the Incorporation of Fly Ash as a Cement Replacement
Zhang M	Min-Hong Zhang, Kåre Reknes	Effect of Modified Lignosulphonate Superplasticizer on Workability Retention and Initial Setting of Cement Pastes
Zhiv	A.Zhiv, B. Isakulov, Y. Zhiv., Strelnikova A.S.	Light concrete on the base of industrial and agricultural waste

Zohrabi	Morteza Zohrabi and Seema Karami	Applicability of recycled and alternative aggregates in asphalt pavements and their performance requirements in the UK
Zornoza	E. Zornoza, P. Garcés, M.V. Borrachero, J. Payá	Durability Properties of Reinforced Mortars of Cement Partially Substituted with Spent Catalytic Cracking Catalyst (FC3R)