# Mohammad Maslehuddin

List of Publications by Year
in descending order

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|---|---|---|---|
| 181<br>papers | 5,873<br>citations | 70961<br>41<br>h-index | 102304<br>66<br>g-index |
| 181<br>all docs | 181<br>docs citations | 181<br>times ranked | 3589<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Properties of natural pozzolan-based geopolymer concrete: effects of natural pozzolan content, type of alkaline activator, and silicate/alkali ratio. European Journal of Environmental and Civil Engineering, 2023, 27, 356-373. | 1.0 | 8 |
| 2 | Influence of accelerated carbonation curing on the properties of self-compacting concrete mixtures containing different mineral fillers. European Journal of Environmental and Civil Engineering, 2022, 26, 76-93. | 1.0 | 5 |
| 3 | Effect of abrasion and chemical treatment of recycled aggregate on the workability, strength, and durability properties of concrete. European Journal of Environmental and Civil Engineering, 2022, 26, 3276-3291. | 1.0 | 10 |
| 4 | Molecular Simulation of Cement-Based Materials and Their Properties. Engineering, 2022, 15, 165-178. | 3.2 | 21 |
| 5 | Lime-activation of natural pozzolan for use as supplementary cementitious material in concrete. Ain Shams Engineering Journal, 2022, 13, 101602. | 3.5 | 11 |
| 6 | Cost-effective treatment of crumb rubber to improve the properties of crumb-rubber concrete. Case Studies in Construction Materials, 2022, 16, e00881. | 0.8 | 5 |
| 7 | Effect of different treatments of crumb rubber on the durability characteristics of rubberized concrete. Construction and Building Materials, 2022, 318, 126030. | 3.2 | 28 |
| 8 | Chloride diffusion models for plain and blended cement concretes exposed to laboratory and atmospheric marine conditions. Journal of Materials Research and Technology, 2022, 17, 125-138. | 2.6 | 9 |
| 9 | Effects of key factors on the compressive strength of metakaolin and limestone powder-based alkali-activated concrete mixtures: An experimental and statistical study. Case Studies in Construction Materials, 2022, 16, e00915. | 0.8 | 12 |
| 10 | Prediction of Strength of Plain and Blended Cement Concretes Cured Under Hot Weather Using Quadratic Regression and ANN Tools. Arabian Journal for Science and Engineering, 2022, 47, 12697-12709. | 1.7 | 3 |
| 11 | Improvement of concrete durability using nanocomposite coating prepared by mixing epoxy coating with Submicron/Nano-carbon obtained from heavy fuel oil ash. Construction and Building Materials, 2022, 325, 126812. | 3.2 | 15 |
| 12 | Role of casting and curing conditions on the strength and drying shrinkage of greener concrete. Environmental Science and Pollution Research, 2022, 29, 72598-72610. | 2.7 | 5 |
| 13 | A review on treatment techniques to improve the durability of recycled aggregate concrete: Enhancement mechanisms, performance and cost analysis. Journal of Building Engineering, 2022, 55, 104713. | 1.6 | 23 |
| 14 | Effect of silica fume inclusion on the strength, shrinkage and durability characteristics of natural pozzolan-based cement concrete. Case Studies in Construction Materials, 2022, 17, e01255. | 0.8 | 10 |
| 15 | Sulfuric acid resistance of alkali/slag activated silicoâ€manganese fumeâ€based mortars. Structural Concrete, 2021, 22, E400. | 1.5 | 3 |
| 16 | Sodium sulfate resistance of alkali/slag activated silicoâ€“manganese fumeâ€based composites. Structural Concrete, 2021, 22, E415. | 1.5 | 2 |
| 17 | Corrosion behaviour of carbon steel and corrosion resistant steel under elevated temperature and chloride concentration in simulated concrete pore solution. European Journal of Environmental and Civil Engineering, 2021, 25, 452-467. | 1.0 | 7 |
| 18 | Performance evaluation of heavy oil fly ash as a retarder of Portland cement hydration. Journal of Building Engineering, 2021, 34, 101881. | 1.6 | 1 |

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| 19 | Chloride diffusion models for Type I and fly ash cement concrete exposed to field and laboratory conditions. Marine Structures, 2021, 76, 102900. | 1.6 | 21 |
| 20 | An overview of factors influencing the properties of alkali-activated binders. Journal of Cleaner Production, 2021, 286, 124972. | 4.6 | 33 |
| 21 | Effect of sodium hydroxide concentration on strength and microstructure of alkali-activated natural pozzolan and limestone powder mortar. Construction and Building Materials, 2021, 271, 121530. | 3.2 | 28 |
| 22 | Influence of in-situ casting temperature and curing regime on the properties of blended cement concretes under hot climatic conditions. Construction and Building Materials, 2021, 272, 121865. | 3.2 | 13 |
| 23 | Utilization of Portland cement with limestone powder and cement kiln dust for stabilization/solidification of oil-contaminated marl soil. Environmental Science and Pollution Research, 2021, 28, 3196-3216. | 2.7 | 21 |
| 24 | Influence of mix composition on the properties of recycled aggregate concrete. Structural Concrete, 2021, 22, 2939-2951. | 1.5 | 9 |
| 25 | Properties of concrete with untreated and treated crumb rubber â€“ A review. Journal of Materials Research and Technology, 2021, 11, 1753-1798. | 2.6 | 77 |
| 26 | Effect of alkaline activator ratio on the compressive strength response of POFA-EACC mortar subjected to elevated temperature. Materials at High Temperatures, 2021, 38, 166-176. | 0.5 | 4 |
| 27 | Experimental and Modelling of Alkali-Activated Mortar Compressive Strength Using Hybrid Support Vector Regression and Genetic Algorithm. Materials, 2021, 14, 3049. | 1.3 | 7 |
| 28 | Preparation, Characterization, and Evaluation of the Anticorrosion Performance of Submicron/Nanocarbon from Jute Sticks. Chemistry - an Asian Journal, 2021, 16, 3914-3930. | 1.7 | 7 |
| 29 | Influence of Silica Modulus and Curing Temperature on the Strength of Alkali-Activated Volcanic Ash and Limestone Powder Mortar. Materials, 2021, 14, 5204. | 1.3 | 5 |
| 30 | Preparation of submicron-/nano-carbon from heavy fuel oil ash and its corrosion resistance performance as composite epoxy coating. Journal of Cleaner Production, 2021, 319, 128735. | 4.6 | 14 |
| 31 | Evolution of room-cured alkali-activated silicomanganese fume-based green mortar designed using Taguchi method. Construction and Building Materials, 2021, 307, 124970. | 3.2 | 15 |
| 32 | Performance of corrosion inhibitors in cracked and uncracked silica fume cement concrete beams. European Journal of Environmental and Civil Engineering, 2020, 24, 1573-1588. | 1.0 | 28 |
| 33 | Characterization, Processing, and Application of Heavy Fuel Oil Ash, an Industrial Waste Material â€“ A Review. Chemical Record, 2020, 20, 1568-1595. | 2.9 | 16 |
| 34 | Mechanical and thermal properties of lightweight recycled plastic aggregate concrete. Journal of Building Engineering, 2020, 32, 101710. | 1.6 | 57 |
| 35 | Development of high performance concrete using industrial waste materials and nano-silica. Journal of Materials Research and Technology, 2020, 9, 6696-6711. | 2.6 | 30 |
| 36 | Effect of mineral additives and two-stage mixing on the performance of recycled aggregate concrete. Journal of Material Cycles and Waste Management, 2020, 22, 1587-1601. | 1.6 | 24 |

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| 37 | Stabilization and Solidification of Oil-Contaminated Sandy Soil Using Portland Cement and Supplementary Cementitious Materials. Journal of Materials in Civil Engineering, 2020, 32, . | 1.3 | 15 |
| 38 | Ensemble machine learning model for corrosion initiation time estimation of embedded steel reinforced self-compacting concrete. Measurement: Journal of the International Measurement Confederation, 2020, 165, 108141. | 2.5 | 51 |
| 39 | Macro- and Micro-Properties of Engineered Cementitious Composites (ECCs) Incorporating Industrial Waste Materials: A Review. Arabian Journal for Science and Engineering, 2020, 45, 7869-7895. | 1.7 | 14 |
| 40 | Influence of pore structure on the properties of green concrete derived from natural pozzolan and nanosilica. Journal of Sustainable Cement-Based Materials, 2020, 9, 233-257. | 1.7 | 14 |
| 41 | Influence of heat curing period and temperature on the strength of silico-manganese fume-blast furnace slag-based alkali-activated mortar. Construction and Building Materials, 2020, 251, 118961. | 3.2 | 39 |
| 42 | Prediction of Properties of Concrete Cured Under Hot Weather Using Multivariate Regression and ANN Models. Arabian Journal for Science and Engineering, 2020, 45, 4111-4123. | 1.7 | 19 |
| 43 | Development of a concrete set retarder utilizing electric arc furnace dust. Construction and Building Materials, 2020, 255, 119378. | 3.2 | 17 |
| 44 | Magnesium sulfate resistance of alkali/slag activated silico-manganese fume-based composites. Construction and Building Materials, 2020, 265, 120851. | 3.2 | 16 |
| 45 | Evaluation of the Effect of Exposure Duration and Fiber Content on the Mechanical Properties of Polypropylene Fiber-Reinforced UHPC Exposed to Sustained Elevated Temperature. Journal of Testing and Evaluation, 2020, 48, 20180687. | 0.4 | 7 |
| 46 | Development of Sustainable Cementitious Binder Utilizing Silicomanganese Fumes. Smart Innovation, Systems and Technologies, 2020, , 299-308. | 0.5 | 1 |
| 47 | Impact of Slag Content and Curing Methods on the Strength of Alkaline-Activated Silico-Manganese Fume/Blast Furnace Slag Mortars. Arabian Journal for Science and Engineering, 2019, 44, 8325-8335. | 1.7 | 20 |
| 48 | Radiation shielding performance of heavy-weight concrete mixtures. Construction and Building Materials, 2019, 224, 284-291. | 3.2 | 42 |
| 49 | Synthesis of Alkali-Activated Binary Blended Silico-Manganese Fume and Ground Blast Furnace Slag Mortar. Journal of Advanced Concrete Technology, 2019, 17, 728-735. | 0.8 | 15 |
| 50 | Influence of admixing natural pozzolan as partial replacement of cement and microsilica in UHPC mixtures. Construction and Building Materials, 2019, 198, 437-444. | 3.2 | 45 |
| 51 | Synthesis of low temperature cured alkaline activated silicomanganese fume mortar. Construction and Building Materials, 2019, 200, 387-397. | 3.2 | 21 |
| 52 | Mechanical properties of steel fiber-reinforced UHPC mixtures exposed to elevated temperature: Effects of exposure duration and fiber content. Composites Part B: Engineering, 2019, 168, 291-301. | 5.9 | 89 |
| 53 | Influence of composition and concentration of alkaline activator on the properties of natural-pozzolan based green concrete. Construction and Building Materials, 2019, 201, 186-195. | 3.2 | 40 |
| 54 | Modelling the early strength of alkali-activated cement composites containing palm oil fuel ash. Proceedings of Institution of Civil Engineers: Construction Materials, 2019, 172, 133-143. | 0.7 | 4 |

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| 55 | Mechanical properties, durability characteristics and shrinkage of plain cement and fly ash concretes subjected to accelerated carbonation curing. Journal of the South African Institution of Civil Engineering, 2019, 61, 73-81. | 0.3 | 6 |
| 56 | Geotechnical Properties of Plastic Marl Contaminated with Diesel. Arabian Journal for Science and Engineering, 2018, 43, 5573-5583. | 1.7 | 7 |
| 57 | Efficiency of corrosion inhibitors in mitigating corrosion of steel under elevated temperature and chloride concentration. Construction and Building Materials, 2018, 163, 97-112. | 3.2 | 43 |
| 58 | Thermal-resistant lightweight concrete with polyethylene beads as coarse aggregates. Construction and Building Materials, 2018, 164, 739-749. | 3.2 | 37 |
| 59 | Influence of nano-SiO2 on the strength and microstructure of natural pozzolan based alkali activated concrete. Construction and Building Materials, 2018, 173, 573-585. | 3.2 | 79 |
| 60 | Impact of Al(OH)3 addition to POFA on the compressive strength of POFA alkali-activated mortar. Construction and Building Materials, 2018, 190, 65-82. | 3.2 | 19 |
| 61 | Enhancing the engineering properties and microstructure of room temperature cured alkali activated natural pozzolan based concrete utilizing nanosilica. Construction and Building Materials, 2018, 189, 352-365. | 3.2 | 45 |
| 62 | Effect of NaOH Molarity on the Strength and Microstructure of Natural Pozzolan-Based AAC. MATEC Web of Conferences, 2018, 203, 06017. | 0.1 | 2 |
| 63 | Efficiency of generic and proprietary inhibitors in mitigating Corrosion of Carbon Steel in Chloride-Sulfate Environments. Scientific Reports, 2018, 8, 11443. | 1.6 | 37 |
| 64 | Stabilisation of dune sand using electric arc furnace dust. International Journal of Pavement Engineering, 2017, 18, 513-520. | 2.2 | 10 |
| 65 | Effects of carbonation pressure and duration on strength evolution of concrete subjected to accelerated carbonation curing. Construction and Building Materials, 2017, 136, 565-573. | 3.2 | 94 |
| 66 | Effect of alkaline activators and binder content on the properties of natural pozzolan-based alkali activated concrete. Construction and Building Materials, 2017, 147, 648-660. | 3.2 | 68 |
| 67 | Method and Mechanisms of Soil Stabilization Using Electric Arc Furnace Dust. Scientific Reports, 2017, 7, 46676. | 1.6 | 48 |
| 68 | Effect of placement temperature and curing method on plastic shrinkage of plain and pozzolanic cement concretes under hot weather. Construction and Building Materials, 2017, 152, 943-953. | 3.2 | 43 |
| 69 | Durability performance of Palm Oil Fuel Ash-based Engineered Alkaline-activated Cementitious Composite (POFA-EACC) mortar in sulfate environment. Construction and Building Materials, 2017, 131, 229-244. | 3.2 | 61 |
| 70 | POFA-Engineered Alkali-activated Cementitious Composite Performance in Acid Environment. Journal of Advanced Concrete Technology, 2017, 15, 684-699. | 0.8 | 13 |
| 71 | Development of an optimum mixture of ultra-high performance concrete. European Journal of Environmental and Civil Engineering, 2016, 20, 1106-1126. | 1.0 | 45 |
| 72 | Impact of added water and superplasticizer on early compressive strength of selected mixtures of palm oil fuel ash-based engineered geopolymer composites. Construction and Building Materials, 2016, 109, 198-206. | 3.2 | 48 |

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| 73 | Effect of casting temperature on strength and density of plain and blended cement concretes prepared and cured under hot weather conditions. Construction and Building Materials, 2016, 112, 529-537. | 3.2 | 23 |
| 74 | Chemical Resistance and Mechanical Properties of Glass Fiberâ€“Reinforced Plastic Pipes for Oil, Gas, and Power-Plant Applications. Journal of Composites for Construction, 2016, 20, . | 1.7 | 7 |
| 75 | Mechanical properties and durability characteristics of SCC incorporating crushed limestone powder. Journal of Sustainable Cement-Based Materials, 2015, 4, 176-193. | 1.7 | 5 |
| 76 | Pulse height tests of a large diameter fast LaBr3:Ce scintillation detector. Applied Radiation and Isotopes, 2015, 104, 224-231. | 0.7 | 7 |
| 77 | Properties of SCC prepared using natural pozzolana and industrial wastes as mineral fillers. Cement and Concrete Composites, 2015, 62, 125-133. | 4.6 | 42 |
| 78 | Evaluation of Slag-Blended Alkaline-Activated Palm Oil Fuel Ash Mortar Exposed to the Sulfuric Acid Environment. Journal of Materials in Civil Engineering, 2015, 27, . | 1.3 | 11 |
| 79 | Chlorine signal attenuation in concrete. Applied Radiation and Isotopes, 2015, 105, 6-10. | 0.7 | 5 |
| 80 | Effect of key mixture parameters on flow and mechanical properties of reactive powder concrete. Construction and Building Materials, 2015, 99, 73-81. | 3.2 | 64 |
| 81 | Impacts of silica modulus on the early strength of alkaline activated ground slag/ultrafine palm oil fuel ash based concrete. Materials and Structures/Materiaux Et Constructions, 2015, 48, 733-741. | 1.3 | 32 |
| 82 | Development of UHPC Mixtures Utilizing Natural and Industrial Waste Materials as Partial Replacements of Silica Fume and Sand. Scientific World Journal, The, 2014, 2014, 1-8. | 0.8 | 39 |
| 83 | Effect of the Key Mixture Parameters on Shrinkage of Reactive Powder Concrete. Scientific World Journal, The, 2014, 2014, 1-8. | 0.8 | 8 |
| 84 | A Simple and Reliable Setup for Monitoring Corrosion Rate of Steel Rebars in Concrete. Scientific World Journal, The, 2014, 2014, 1-10. | 0.8 | 5 |
| 85 | Performance of Different Grades of Palm Oil Fuel Ash with Ground Slag as Base Materials in the Synthesis of Alkaline Activated Mortar. Journal of Advanced Concrete Technology, 2014, 12, 378-387. | 0.8 | 17 |
| 86 | Strength and microstructure of alkali-activated binary blended binder containing palm oil fuel ash and ground blast-furnace slag. Construction and Building Materials, 2014, 52, 504-510. | 3.2 | 103 |
| 87 | Effects of addition of Al(OH)3 on the strength of alkaline activated ground blast furnace slag-ultrafine palm oil fuel ash (AAGU) based binder. Construction and Building Materials, 2014, 50, 361-367. | 3.2 | 32 |
| 88 | Performance Evaluation of a Portable Neutron Generator for Prompt Gamma-Ray Applications. Arabian Journal for Science and Engineering, 2014, 39, 531-539. | 1.1 | 2 |
| 89 | Evolution of alkaline activated ground blast furnace slagâ€“ultrafine palm oil fuel ash based concrete. Materials & Design, 2014, 55, 387-393. | 5.1 | 115 |
| 90 | Effects of H2O/Na2O molar ratio on the strength of alkaline activated ground blast furnace slag-ultrafine palm oil fuel ash based concrete. Materials & Design, 2014, 56, 158-164. | 5.1 | 58 |

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| 91 | Shrinkage and strength of alkaline activated ground steel slag/ultrafine palm oil fuel ash pastes and mortars. Materials & Design, 2014, 63, 710-718. | 5.1 | 40 |
| 92 | In situ measurement of thermal transmittance and thermal resistance of hollow reinforced precast concrete walls. Energy and Buildings, 2014, 84, 132-141. | 3.1 | 87 |
| 93 | Prompt gamma ray evaluation for chlorine analysis in blended cement concrete. Applied Radiation and Isotopes, 2014, 94, 8-13. | 0.7 | 11 |
| 94 | Properties of self-consolidating concrete made utilizing alternative mineral fillers. Construction and Building Materials, 2014, 68, 268-276. | 3.2 | 33 |
| 95 | Influence of curing methods and concentration of NaOH on strength of the synthesized alkaline activated ÂgroundÂslag-ultrafine palm oil fuel ash mortar/concrete. Construction and Building Materials, 2014, 66, 541-548. | 3.2 | 50 |
| 96 | Effect of curing methods on shrinkage and corrosion resistance of concrete. Construction and Building Materials, 2013, 41, 634-641. | 3.2 | 39 |
| 97 | Effect of curing methods on strength and durability of concrete under hot weather conditions. Cement and Concrete Composites, 2013, 41, 60-69. | 4.6 | 48 |
| 98 | Radiation shielding properties of concrete with electric arc furnace slag aggregates and steel shots. Annals of Nuclear Energy, 2013, 53, 192-196. | 0.9 | 71 |
| 99 | Chlorine detection in fly ash concrete using a portable neutron generator. Applied Radiation and Isotopes, 2012, 70, 1671-1674. | 0.7 | 5 |
| 100 | Prompt gamma-ray analysis of chlorine in superpozz cement concrete. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 693, 67-73. | 0.7 | 14 |
| 101 | Assessing concrete density using infrared thermographic (IRT) images. Infrared Physics and Technology, 2012, 55, 442-448. | 1.3 | 6 |
| 102 | Low energy prompt gamma-ray tests of a large volume BGO detector. Applied Radiation and Isotopes, 2012, 70, 222-226. | 0.7 | 11 |
| 103 | Response tests of a LaCl3:Ce scintillation detector with low energy prompt gamma rays from boron and cadmium. Applied Radiation and Isotopes, 2012, 70, 882-887. | 0.7 | 16 |
| 104 | Corrosion protection provided by chemical inhibitors to damaged FBEC bars. Construction and Building Materials, 2012, 29, 487-495. | 3.2 | 4 |
| 105 | Detection of sulfur in the reinforced concrete structures using a dual pulsed LIBS system. Optics and Laser Technology, 2012, 44, 566-571. | 2.2 | 43 |
| 106 | Detection of chloride in reinforced concrete using a dualpulsed laser-induced breakdown spectrometer system: comparative study of the atomic transition lines of Cl I at 59485 and 83759Ânm. Applied Optics, 2011, 50, 3488. | 2.1 | 19 |
| 107 | Detection efficiency of low levels of boron and cadmium with a LaBr3:Ce scintillation detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 665, 74-79. | 0.7 | 16 |
| 108 | Performance of blended cement concretes prepared with constant workability. Cement and Concrete Composites, 2011, 33, 90-102. | 4.6 | 20 |

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| 109 | Effect of electric arc furnace dust on the properties of OPC and blended cement concretes. Construction and Building Materials, 2011, 25, 308-312. | 3.2 | 66 |
| 110 | Estimation of minimum detectable concentration of chlorine in the blast furnace slag cement concrete. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 1-6. | 0.6 | 20 |
| 111 | Sensitivity enhancement at 594.8 nm atomic transition of Cl I for chloride detection in the reinforced concrete using LIBS. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2011, 46, 198-203. | 0.9 | 7 |
| 112 | Non-destructive analysis of concrete for corrosion studies using nuclear technique. Atoms for Peace: an International Journal, 2010, 3, 65. | 0.0 | 0 |
| 113 | Use of cement kiln dust in blended cement concretes. Proceedings of Institution of Civil Engineers: Construction Materials, 2010, 163, 149-156. | 0.7 | 3 |
| 114 | Response of a PGNAA setup for pozzolan-based cement concrete specimens. Applied Radiation and Isotopes, 2010, 68, 635-638. | 0.7 | 7 |
| 115 | Effect of silica fume addition on the PGNAA measurement of chlorine in concrete. Applied Radiation and Isotopes, 2010, 68, 412-417. | 0.7 | 9 |
| 116 | Effect of dust in coarse aggregates on reinforcement corrosion in concrete. Construction and Building Materials, 2010, 24, 326-331. | 3.2 | 4 |
| 117 | Correlation between compressive strength and certain durability indices of plain and blended cement concretes. Cement and Concrete Composites, 2009, 31, 672-676. | 4.6 | 74 |
| 118 | Non-destructive analysis of chlorine in fly ash cement concrete. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 607, 446-450. | 0.7 | 22 |
| 119 | Performance of generic and proprietary corrosion inhibitors in chloride-contaminated silica fume cement concrete. Construction and Building Materials, 2009, 23, 1768-1774. | 3.2 | 40 |
| 120 | Properties of cement kiln dust concrete. Construction and Building Materials, 2009, 23, 2357-2361. | 3.2 | 73 |
| 121 | Prompt gamma analysis of fly ash, silica fume and Superpozz blended cement concrete specimen. Applied Radiation and Isotopes, 2009, 67, 1707-1710. | 0.7 | 9 |
| 122 | Compliance criteria for quality concrete. Construction and Building Materials, 2008, 22, 1029-1036. | 3.2 | 10 |
| 123 | Usage of cement kiln dust in cement products â€“ Research review and preliminary investigations. Construction and Building Materials, 2008, 22, 2369-2375. | 3.2 | 86 |
| 124 | Correlations Between Depth of Water Penetration, Chloride Permeability, and Coefficient of Chloride Diffusion in Plain, Silica Fume, and Fly Ash Cement Concretes. Journal of Testing and Evaluation, 2008, 36, 101074. | 0.4 | 2 |
| 125 | Performance of plain and blended cements exposed to high sulphate concentrations. Advances in Cement Research, 2007, 19, 167-175. | 0.7 | 11 |
| 126 | Effect of chloride concentration in soil on reinforcement corrosion. Construction and Building Materials, 2007, 21, 1825-1832. | 3.2 | 41 |

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| 127 | Shrinkage of plain and silica fume cement concrete under hot weather. Cement and Concrete Composites, 2007, 29, 690-699. | 4.6 | 89 |
| 128 | Effect of superplasticizer on plastic shrinkage of plain and silica fume cement concretes. Construction and Building Materials, 2006, 20, 642-647. | 3.2 | 41 |
| 129 | LONG-TERM MONITORING OF FBEC STEEL BARS CORROSION IN CHLORIDE-CONTAMINATED CONCRETE. , 2005, , 725-734. | | 0 |
| 130 | Performance evaluation of repair systems under varying exposure conditions. Cement and Concrete Composites, 2005, 27, 885-897. | 4.6 | 9 |
| 131 | Verification of design calculations of a PGNAA setup using nuclear track detectors. Radiation Measurements, 2004, 38, 37-41. | 0.7 | 4 |
| 132 | Search of a prompt gamma ray for chlorine analysis in a Portland cement sample. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 533, 591-597. | 0.7 | 8 |
| 133 | Effect of silica fume on the mechanical properties of low quality coarse aggregate concrete. Cement and Concrete Composites, 2004, 26, 891-900. | 4.6 | 80 |
| 134 | Effect of type and dosage of silica fume on plastic shrinkage in concrete exposed to hot weather. Construction and Building Materials, 2004, 18, 737-743. | 3.2 | 45 |
| 135 | Monte Carlo simulations for design of the KFUPM PGNAA facility. Radiation Physics and Chemistry, 2003, 66, 89-98. | 1.4 | 26 |
| 136 | Special Issue on Concrete Durability. Cement and Concrete Composites, 2003, 25, 399. | 4.6 | 0 |
| 137 | Effectiveness of corrosion inhibitors in contaminated concrete. Cement and Concrete Composites, 2003, 25, 439-449. | 4.6 | 91 |
| 138 | Effect of sulfate ions and associated cation type on the pore solution chemistry in chloride-contaminated plain and blended cements. Cement and Concrete Composites, 2003, 25, 513-525. | 4.6 | 26 |
| 139 | Mechanical properties and durability characteristics of polymer- and cement-based repair materials. Cement and Concrete Composites, 2003, 25, 527-537. | 4.6 | 109 |
| 140 | Performance tests of external moderators of a PGNAA setup. Applied Radiation and Isotopes, 2003, 58, 27-38. | 0.7 | 20 |
| 141 | Comparison of properties of steel slag and crushed limestone aggregate concretes. Construction and Building Materials, 2003, 17, 105-112. | 3.2 | 339 |
| 142 | Effect of coarse aggregate quality on the mechanical properties of high strength concrete. Construction and Building Materials, 2003, 17, 97-103. | 3.2 | 228 |
| 143 | Sulfate resistance of plain and blended cements exposed to varying concentrations of sodium sulfate. Cement and Concrete Composites, 2003, 25, 429-437. | 4.6 | 163 |
| 144 | Chloride-induced reinforcement corrosion in blended cement concretes exposed to chloride-sulphate environments. Magazine of Concrete Research, 2002, 54, 355-364. | 0.9 | 15 |

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| 145 | Performance of concrete coating under varying exposure conditions. Materials and Structures/Materiaux Et Constructions, 2002, 35, 487-494. | 1.3 | 28 |
| 146 | Long-term effect of sulfate ions and associated cation type on chloride-induced reinforcement corrosion in Portland cement concretes. Cement and Concrete Composites, 2002, 24, 17-25. | 4.6 | 124 |
| 147 | 350keV accelerator-based neutron transmission setup at KFUPM for hydrogen detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 487, 667-675. | 0.7 | 3 |
| 148 | Effect of rebar cleanliness and repair materials on reinforcement corrosion and flexural strength of repaired concrete beams. Cement and Concrete Composites, 2002, 24, 139-149. | 4.6 | 6 |
| 149 | Effect of steel manufacturing process and atmospheric corrosion on the corrosion-resistance of steel bars in concrete. Cement and Concrete Composites, 2002, 24, 151-158. | 4.6 | 23 |
| 150 | Use of Surface Treatment Materials to Improve Concrete Durability. Journal of Materials in Civil Engineering, 1999, 11, 36-40. | 1.3 | 83 |
| 151 | Plastic shrinkage cracking of blended cement concretes in hot environments. Magazine of Concrete Research, 1999, 51, 241-246. | 0.9 | 14 |
| 152 | Effect of holidays and surface damage to FBEC on reinforcement corrosion. Construction and Building Materials, 1998, 12, 185-193. | 3.2 | 8 |
| 153 | Effect of mix proportions on plastic shrinkage cracking of concrete in hot environments. Construction and Building Materials, 1998, 12, 353-358. | 3.2 | 43 |
| 154 | Effect of Thermal Variations on Bond Strength of Fusion-Bonded Epoxy-Coated Bars. Cement, Concrete and Aggregates, 1998, 20, 163-168. | 0.1 | 9 |
| 155 | EVALUATION OF REPAIR MATERIALS FOR FUNCTIONAL IMPROVEMENT OF SLABS AND BEAMS WITH CORRODED REINFORCEMENT.. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 1997, 122, 27-34. | 0.4 | 15 |
| 156 | Temperature effect on the pore solution chemistry in contaminated cements. Magazine of Concrete Research, 1997, 49, 5-14. | 0.9 | 14 |
| 157 | Effectiveness of concrete surface treatmentmaterials in reducing chloride-induced reinforcement corrosion. Construction and Building Materials, 1997, 11, 443-451. | 3.2 | 21 |
| 158 | Effectiveness of concrete surface treatment materials in reducing chloride-induced reinforcement corrosion. Construction and Building Materials, 1997, 11, 443-451. | 3.2 | 51 |
| 159 | Effect of Temperature and Salt Contamination on Carbonation of Cements. Journal of Materials in Civil Engineering, 1996, 8, 63-69. | 1.3 | 32 |
| 160 | Corrosion of Reinforcing Steel in Sabkha Environment. Journal of King Saud University, Engineering Sciences, 1996, 8, 37-49. | 1.2 | 0 |
| 161 | Effect of moisture, chloride and sulphate contamination on the electrical resistivity of Portland cement concrete. Construction and Building Materials, 1996, 10, 209-214. | 3.2 | 132 |
| 162 | Evaluation of a surface coating in retarding reinforcement corrosion. Construction and Building Materials, 1996, 10, 507-513. | 3.2 | 8 |

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| 163 | Changes in the phase composition in OPC and blended cement mortars due to carbonation. Advances in Cement Research, 1996, 8, 167-173. | 0.7 | 7 |
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