

# Ribeiro, Dv

## List of Publications by Year in descending order

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Version: 2024-02-01

81  
papers

1,509  
citations

361413

20  
h-index

330143

37  
g-index

81  
all docs

81  
docs citations

81  
times ranked

1486  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Influence of the Content of Alkalis (Na <sub>2</sub> O and K <sub>2</sub> O), MgO, and SO <sub>3</sub> Present in the Granite Rock Fine in the Production of Portland Clinker. <i>Journal of Materials in Civil Engineering</i> , 2022, 34, .                        | 2.9  | 6         |
| 2  | Correlation between diffusion coefficient values of chloride ions obtained through column and ion migration tests in cementitious matrices with varying contents of silica fume and mortar. <i>Revista IBRACON De Estruturas E Materiais</i> , 2022, 15, .           | 0.6  | 1         |
| 3  | Effects of TiO <sub>2</sub> waste on the formation of clinker phases and mechanical performance and hydration of Portland cement. <i>Cement</i> , 2022, , 100036.  | 2.7  | 0         |
| 4  | Determination of the optimal additive content for carbon nanotube (CNT) dispersion and the influence of its incorporation on hydration and physical-mechanical performance of cementitious matrices. <i>Construction and Building Materials</i> , 2022, 343, 128112. | 7.2  | 3         |
| 5  | One-part alkali-activated binder produced from inertized asbestos cement waste. <i>Journal of Cleaner Production</i> , 2022, 367, 132966.  | 9.3  | 6         |
| 6  | Effects of adding sugarcane bagasse ash on the properties and durability of concrete. <i>Construction and Building Materials</i> , 2021, 266, 120959.  | 7.2  | 53        |
| 7  | 3D printed mesh reinforced geopolymer: Notched prism bending. <i>Cement and Concrete Composites</i> , 2021, 116, 103892.   | 10.7 | 20        |
| 8  | Effect of the combined use of carbon nanotubes (CNT) and metakaolin on the properties of cementitious matrices. <i>Construction and Building Materials</i> , 2021, 271, 121903.  | 7.2  | 30        |
| 9  | Decision support system for selecting sectoral data-bases in studies of the water-“energy”-agricultural”-environmental nexus. <i>Brazilian Journal of Environmental Sciences (Online)</i> , 2021, 56, 193-208.   | 0.4  | 0         |
| 10 | Mechanical Damage Assessment of GFRP Rebars with Different Resins due to Hydrothermal Aging. <i>Materials Research</i> , 2021, 24, .   | 1.3  | 3         |
| 11 | A method for classifying interrelation between sectoral regulatory laws and the “water-energy-agriculture nexus concept”™ in Brazil. <i>Water Science and Technology: Water Supply</i> , 2021, 21, 2158-2172.  | 2.1  | 3         |
| 12 | Durability and service life analysis of metakaolin-based geopolymer concretes with respect to chloride penetration using chloride migration test and corrosion potential. <i>Construction and Building Materials</i> , 2021, 287, 122970.                            | 7.2  | 32        |
| 13 | Effects of binders characteristics and concrete dosing parameters on the chloride diffusion coefficient. <i>Cement and Concrete Composites</i> , 2021, 122, 104114.  | 10.7 | 24        |
| 14 | Thermal treatment optimization of asbestos cement waste (ACW) potentializing its use as alternative binder. <i>Journal of Cleaner Production</i> , 2021, 320, 128801.  | 9.3  | 6         |
| 15 | Performance and radiological implications of using residue from TiO <sub>2</sub> production as a component of coating mortars. <i>Construction and Building Materials</i> , 2021, 306, 124885.   | 7.2  | 2         |
| 16 | Accelerated Alkaline Attack of 3D Printing Polymers to Assess Their Durability in Geopolymer-Based Matrices. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, 04021327.  | 2.9  | 4         |
| 17 | Vegetable fibers behavior in geopolymers and alkali-activated cement based matrices: A review. <i>Journal of Building Engineering</i> , 2021, 44, 103291.  | 3.4  | 16        |
| 18 | Influence of granitic rock fines addition in the alkali-aggregate reaction (AAR) in cementitious materials. <i>Revista IBRACON De Estruturas E Materiais</i> , 2021, 14, .   | 0.6  | 1         |

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|----|--|-----|-----------|
| 19 | Application of Rietveld refining method for the production of geopolymeric binders. Construction and Building Materials, 2021, 311, 125297.  | 7.2 | 2         |
| 20 | The Effect of the Calcination Temperature on the Physical, Chemical and Mineralogical Characteristics of Sugar Cane Bagasse Ash (SCBA) for Use As Pozzolan. Journal of Solid Waste Technology and Management, 2021, 47, 546-556. | 0.2 | 1         |
| 21 | Characterization of Waste from the Production of Titanium Dioxide (UOW) for Reuse in Other Processes. Journal of Solid Waste Technology and Management, 2021, 47, 590-600.   | 0.2 | 0         |
| 22 | Reduction in CO2 emissions during production of cement, with partial replacement of traditional raw materials by civil construction waste (CCW). Journal of Cleaner Production, 2020, 276, 123302.                               | 9.3 | 81        |
| 23 | Self-compacting geopolymer mixture: Dosing based on statistical mixture design and simultaneous optimization. Construction and Building Materials, 2020, 249, 118677.  | 7.2 | 16        |
| 24 | Effect of Water Content and MgO / ADP Ratio on the Properties of Magnesium Phosphate Cement. Materials Research, 2020, 23, .   | 1.3 | 2         |
| 25 | Portland clinker with civil construction waste: influence of pellet geometry on the formation of crystalline phases. Ambiente Constru do, 2020, 20, 205-223.   | 0.4 | 0         |
| 26 | Effect of MgO/NH4H2PO4 Ratio on the Properties of Magnesium Phosphate Cements. Materials Research, 2020, 23, .   | 1.3 | 3         |
| 27 | Effect of the addition of metakaolin on the carbonation of Portland cement concretes. Revista IBRACON De Estruturas E Materiais, 2020, 13, 1-18.   | 0.6 | 5         |
| 28 | Mineralogical Analysis of Portland Cement Pastes Rehydrated. Journal of Solid Waste Technology and Management, 2020, 46, 15-23.  | 0.2 | 3         |
| 29 | Adi s o de finos de rocha gran tica e seus efeitos nas propriedades de argamassas autoadens veis. Ambiente Constru do, 2020, 20, 451-466.  | 0.4 | 2         |
| 30 | Corrodibility and Adherence of Reinforced Concrete Rebars Electroplated with Zinc and Zinc-Nickel Alloys. Materials Research, 2019, 22, .  | 1.3 | 5         |
| 31 | Concrete containing recycled aggregates: Estimated lifetime using chloride migration test. Construction and Building Materials, 2019, 222, 108-118.  | 7.2 | 42        |
| 32 | Characterization of Cements Produced from Clinker Co-Processed with TiO <sub>2</sub> Waste (UOW). Key Engineering Materials, 2019, 803, 278-283.   | 0.4 | 5         |
| 33 | Effect of the Addition of Unreacted Ilmenite (UOW) on the Hydration of White Portland Cement - Hydrated Lime Pastes. Key Engineering Materials, 2019, 803, 289-293.  | 0.4 | 1         |
| 34 | Mineralogical Analysis of Portland Clinker Produced from the Incorporation of Granitic Rock Fines (GRF). Key Engineering Materials, 2019, 803, 309-313.  | 0.4 | 4         |
| 35 | Retarding effect of grinding dust and its influence on the physical-mechanical and rheological properties of cementitious matrices. Revista IBRACON De Estruturas E Materiais, 2019, 12, 486-508.                                | 0.6 | 0         |
| 36 | Glycerol Effect on the Corrosion Resistance and Electrodeposition Conditions in a Zinc Electroplating Process. Materials Research, 2019, 22, .   | 1.3 | 7         |

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|----|---|-----|-----------|
| 37 | Effect of boric acid content on the properties of magnesium phosphate cement. <i>Construction and Building Materials</i> , 2019, 214, 557-564.  | 7.2 | 41        |
| 38 | A Literature Review to Propose a Systematic Procedure to Develop "Nexus Thinking" Considering the Water-Energy-Food Nexus. <i>Sustainability</i> , 2019, 11, 7205.  | 3.2 | 34        |
| 39 | Efeito da incorpora o de res duo de TiO <sub>2</sub> (MNR) na forma o das fases mineral gicas de cimento Portland. <i>Ambiente Construido</i> , 2019, 19, 57-71.  | 0.4 | 11        |
| 40 | Use of microwave oven in the calcination of MgO and effect on the properties of magnesium phosphate cement. <i>Construction and Building Materials</i> , 2019, 198, 619-628.  | 7.2 | 16        |
| 41 | Avalia o dos agregados utilizados na regi o metropolitana de Salvador quanto   ocorr ncia de Reatividade Alcalis-Agregado (RAA). <i>Revista ALCONPAT</i> , 2019, 9, 185-199.  | 0.3 | 2         |
| 42 | Propriedades das argamassas de revestimento contendo res duo proveniente da produ o do TiO <sub>2</sub> (MNR). <i>Ceramica</i> , 2019, 65, 340-350.   | 0.8 | 1         |
| 43 | Effects of the incorporation of recycled aggregate in the durability of the concrete submitted to freeze-thaw cycles. <i>Construction and Building Materials</i> , 2018, 161, 723-730.  | 7.2 | 54        |
| 44 | Influence of Physicochemical Properties of Sugarcane Bagasse Ash (SCBA) in Portland Cement Hydration. <i>Key Engineering Materials</i> , 2018, 765, 324-328.  | 0.4 | 2         |
| 45 | A review on models for the prediction of the diameter of jet grouting columns. <i>European Journal of Environmental and Civil Engineering</i> , 2017, 21, 641-669.  | 2.1 | 19        |
| 46 | Avalia o da reologia, da RAA e das propriedades de argamassas no estado fresco utilizando cinza de eucalipto como substitui o parcial ao cimento Portland. <i>Ambiente Construido</i> , 2016, 16, 153-166.                    | 0.4 | 4         |
| 47 | Effects of the zinc and zinc-nickel alloys electroplating on the corrodibility of reinforced concrete rebars. <i>Revista IBRACON De Estruturas E Materiais</i> , 2016, 9, 595-605.  | 0.6 | 1         |
| 48 | Pozzolanicity Evaluation of Mineral Additions by Electrical Conductivity Measurements. <i>Materials Science Forum</i> , 2016, 881, 239-244.   | 0.3 | 2         |
| 49 | Corrosion resistance of Fe-Cr-based amorphous alloys: An overview. <i>Journal of Non-Crystalline Solids</i> , 2016, 442, 56-66.   | 3.1 | 163       |
| 50 | Influence of Water Content in the UCS of Soil-Cement Mixtures for Different Cement Dosages. <i>Procedia Engineering</i> , 2016, 143, 59-66.   | 1.2 | 36        |
| 51 | Application of electrochemical impedance spectroscopy (EIS) to monitor the corrosion of reinforced concrete: A new approach. <i>Construction and Building Materials</i> , 2016, 111, 98-104.                                  | 7.2 | 227       |
| 52 | Use of Electrochemical Impedance Spectroscopy (EIS) to monitoring the corrosion of reinforced concrete. <i>Revista IBRACON De Estruturas E Materiais</i> , 2015, 8, 529-546.  | 0.6 | 85        |
| 53 | Effect of Titanium Dioxide Manufacturing Waste in Mechanical Properties of Red Ceramics. <i>Advanced Materials Research</i> , 2015, 1120-1121, 38-42.   | 0.3 | 0         |
| 54 | Effect of the Iron Ion Doping in LaCoO <sub>3</sub> Perovskite, Both in Powders and in Sintered Samples Obtained from Combustion Reaction and Solid State Route. <i>Advanced Materials Research</i> , 2015, 1120-1121, 58-63. | 0.3 | 0         |

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|----|---|------|-----------|
| 55 | Evaluation of the Incorporation of Waste Generated from Titanium Dioxide Manufacturing in Red Ceramics. <i>Materials Research</i> , 2015, 18, 98-105.   | 1.3  | 2         |
| 56 | Effect of Calcination Temperature on the Pozzolan Activity of Brazilian Sugar Cane Bagasse Ash (SCBA). <i>Materials Research</i> , 2014, 17, 974-981.   | 1.3  | 49        |
| 57 | Influence of formic acid on the microstructure and corrosion resistance of Zn-Ni alloy coatings by electrodeposition. <i>Surface and Coatings Technology</i> , 2014, 258, 232-239.  | 4.8  | 16        |
| 58 | INFLUÊNCIA DA ADIÇÃO DO RESÍDUO DE CORTE DE MÁRMORE E GRANITO (RCMG) NA REOLOGIA DAS ARGAMASSAS. <i>Periódico Eletrônico Fórum Ambiental Da Alta Paulista</i> , 2014, 9, .  | 0.0  | 1         |
| 59 | ANÁLISES FÍSICAS E MECÂNICAS DE ARGAMASSAS DE CIMENTO PORTLAND COM AREIA CONTENDO CINZAS DA QUEIMA DO BAGAÇO DE CANA-DE-ÁCUCAR COMO AGREGADO MIÚDO. <i>Periódico Eletrônico Fórum Ambiental Da Alta Paulista</i> , 2014, 9, .         | 0.0  | 0         |
| 60 | EFEITOS DA ADIÇÃO DO RESÍDUO DE CORTE DE MÁRMORE E GRANITO (RCMG) NAS PROPRIEDADES DAS ARGAMASSAS DE CIMENTO PORTLAND E INDUSTRIALIZADA NO ESTADO APLICADO. <i>Periódico Eletrônico Fórum Ambiental Da Alta Paulista</i> , 2014, 9, . | 0.0  | 1         |
| 61 | EFEITOS DA ADIÇÃO DO RESÍDUO DE CORTE DE MÁRMORE E GRANITO (RCMG) NO DESEMPENHO DS ARGAMASSAS DE CIMENTO PORTLAND NO ESTADO ENDURECIDO. <i>Periódico Eletrônico Fórum Ambiental Da Alta Paulista</i> , 2014, 9, .                     | 0.0  | 1         |
| 62 | PROPRIEDADES DAS ARGAMASSAS DE CAL COM ADIÇÃO DE GRUDE DE GURIJUBA ( <i>Arius</i> spp.). <i>Periódico Eletrônico Fórum Ambiental Da Alta Paulista</i> , 2014, 10, .   | 0.0  | 0         |
| 63 | Rheological properties and hydration behavior of portland cement mortars containing calcined red mud. <i>Canadian Journal of Civil Engineering</i> , 2013, 40, 557-566.   | 1.3  | 31        |
| 64 | Study of mechanical properties and durability of magnesium phosphate cement matrix containing grinding dust. <i>Materials Research</i> , 2013, 16, 1113-1121.   | 1.3  | 15        |
| 65 | Influence of Addition of Chemically Treated Leather Shaving in the Portland Cement Mortars Characteristics. <i>Materials Science Forum</i> , 2012, 727-728, 1402-1407.  | 0.3  | 1         |
| 66 | Effect of Chemically Treated Leather Shaving Addition on characteristics and microstructure of OPC mortars. <i>Materials Research</i> , 2012, 15, 136-143.  | 1.3  | 13        |
| 67 | Estudo das reações alcalis-silica associadas ao uso da lama vermelha em argamassas colantes e de revestimento. <i>Ceramica</i> , 2012, 58, 90-98.   | 0.8  | 6         |
| 68 | Effect of red mud addition on the corrosion parameters of reinforced concrete evaluated by electrochemical methods. <i>Revista IBRACON De Estruturas E Materiais</i> , 2012, 5, 451-467.  | 0.6  | 16        |
| 69 | Effect of the addition of red mud on the corrosion parameters of reinforced concrete. <i>Cement and Concrete Research</i> , 2012, 42, 124-133.  | 11.0 | 86        |
| 70 | Analysis of chloride diffusivity in concrete containing red mud. <i>Revista IBRACON De Estruturas E Materiais</i> , 2012, 5, 137-152.   | 0.6  | 3         |
| 71 | Potential use of natural red mud as pozzolan for Portland cement. <i>Materials Research</i> , 2011, 14, 60-66.  | 1.3  | 92        |
| 72 | Chloride diffusivity in red mud-ordinary portland cement concrete determined by migration tests. <i>Materials Research</i> , 2011, 14, 227-234.   | 1.3  | 22        |

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|----|---|-----|-----------|
| 73 | Efeito da adiãção de serragem de couro tratada quimicamente nas propriedades do cimento Portland. <i>Quimica Nova</i> , 2011, 34, 979-983.  | 0.3 | 4         |
| 74 | Performance analysis of magnesium phosphate cement mortar containing grinding dust. <i>Materials Research</i> , 2009, 12, 51-56.  | 1.3 | 12        |
| 75 | Influence of the addition of grinding dust to a magnesium phosphate cement matrix. <i>Construction and Building Materials</i> , 2009, 23, 3094-3102.  | 7.2 | 42        |
| 76 | Effect of Calcined Red Mud Addition on the Hydration of Portland Cement. <i>Materials Science Forum</i> , 0, 727-728, 1408-1411.  | 0.3 | 6         |
| 77 | Synthesis and Sintering of $\text{LaCo}_{1-x}\text{Fe}_x\text{O}_3$ ; Ceramics: Microstructure Analysis. <i>Materials Science Forum</i> , 0, 869, 69-73.  | 0.3 | 1         |
| 78 | Evaluation of the Influence of the Waste Originated by the Production of Titanium Dioxide (URM) on the Physical-Mechanical Properties of Coating Mortars. <i>Key Engineering Materials</i> , 0, 765, 319-323. | 0.4 | 1         |
| 79 | Influence of Clutch Disc Waste (Grinding Dust) on Portland Cement Hydration. <i>Key Engineering Materials</i> , 0, 803, 284-288.  | 0.4 | 0         |
| 80 | PANORAMA DO NEXUS "ÁGUA" "ENERGIA" "AGRICULTURA" "INDÚSTRIA NO CONTEXTO BRASILEIRO. <i>Revista Gestão &amp; Sustentabilidade Ambiental</i> , 0, 9, 753.   | 0.1 | 1         |
| 81 | Study of Glycerol as an Additive in Ni-Mo Electrodeposition. <i>Materials Research</i> , 0, 25, .   | 1.3 | 0         |