

Renan P Salvador

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

884
citations

623734

14
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

741
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Early age hydration of cement pastes with alkaline and alkali-free accelerators for sprayed concrete. <i>Construction and Building Materials</i> , 2016, 111, 386-398. | 7.2 | 170 |
| 2 | Electrocatalytic oxidation of urea by nanostructured nickel/cobalt hydroxide electrodes. <i>Electrochimica Acta</i> , 2008, 53, 4030-4034. | 5.2 | 167 |
| 3 | Parameters controlling early age hydration of cement pastes containing accelerators for sprayed concrete. <i>Cement and Concrete Research</i> , 2016, 89, 230-248. | 11.0 | 97 |
| 4 | Synthesis and characterization of stable Co and Cd doped nickel hydroxide nanoparticles for electrochemical applications. <i>Ultrasonics Sonochemistry</i> , 2009, 16, 35-40. | 8.2 | 63 |
| 5 | Relation between chemical processes and mechanical properties of sprayed cementitious matrices containing accelerators. <i>Cement and Concrete Composites</i> , 2017, 79, 117-132. | 10.7 | 49 |
| 6 | Influence of spraying on the early hydration of accelerated cement pastes. <i>Cement and Concrete Research</i> , 2016, 88, 7-19. | 11.0 | 45 |
| 7 | On the use of blast-furnace slag in sprayed concrete applications. <i>Construction and Building Materials</i> , 2019, 218, 543-555. | 7.2 | 43 |
| 8 | Mixed Ni/Co Hydroxide Nanoparticles Synthesized by Sonochemical Method. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 3221-3226. | 0.9 | 33 |
| 9 | Effect of gypsum content in sprayed cementitious matrices: Early age hydration and mechanical properties. <i>Cement and Concrete Composites</i> , 2019, 95, 81-91. | 10.7 | 30 |
| 10 | Influence of fire on temperature gradient and physical-mechanical properties of macro-synthetic fiber reinforced concrete for tunnel linings. <i>Construction and Building Materials</i> , 2019, 214, 254-268. | 7.2 | 27 |
| 11 | Relation between ultrasound measurements and phase evolution in accelerated cementitious matrices. <i>Materials and Design</i> , 2017, 113, 341-352. | 7.0 | 22 |
| 12 | Influence of accelerator type and dosage on the durability of wet-mixed sprayed concrete against external sulfate attack. <i>Construction and Building Materials</i> , 2020, 239, 117883. | 7.2 | 21 |
| 13 | External sulphate attack of sprayed mortars with sulphate-resisting cement: Influence of accelerator and age of exposition. <i>Cement and Concrete Composites</i> , 2020, 114, 103614. | 10.7 | 20 |
| 14 | Adaptation of the standard EN 196-1 for mortar with accelerator. <i>Construction and Building Materials</i> , 2016, 127, 125-136. | 7.2 | 18 |
| 15 | On the Template Synthesis of Nanostructured Inorganic/Organic Hybrid Films.. <i>Journal of the Electrochemical Society</i> , 2008, 155, K140. | 2.9 | 15 |
| 16 | Análise comparativa de comportamento mecânico de concreto reforçado com macrofibra polimérica e com fibra de aço. <i>Revista Materia</i> , 2013, 18, 1273-1285. | 0.2 | 9 |
| 17 | Influence of the instability of the double punch test on the post-crack response of fiber-reinforced concrete. <i>Construction and Building Materials</i> , 2019, 217, 185-192. | 7.2 | 9 |
| 18 | Mix proportioning of sprayed concrete: A systematic literature review. <i>Tunnelling and Underground Space Technology</i> , 2022, 124, 104456. | 6.2 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Flexural behavior of HPFRCC: Enhancing post-crack strength and toughness by magnetic alignment of the reinforcement. Construction and Building Materials, 2021, 269, 121265. | 7.2 | 7 |
| 20 | The effect of elevated temperatures on the properties of cold-drawn steel fibres. Magazine of Concrete Research, 2021, 73, 936-944. | 2.0 | 6 |
| 21 | Sisal textile reinforced concrete: Improving tensile strength and bonding through peeling and nano-silica treatment. Construction and Building Materials, 2021, 301, 124300. | 7.2 | 5 |
| 22 | Double Edge Wedge Splitting Test to Characterize the Design Postcracking Parameters of Fiber-Reinforced Concrete Subjected to High Temperatures. Journal of Materials in Civil Engineering, 2021, 33, . | 2.9 | 4 |
| 23 | Fibre corrosion in uncracked high-performance fibre reinforced cementitious composites. Construction and Building Materials, 2021, 312, 125440. | 7.2 | 4 |
| 24 | Evaluation of the repeatability and reproducibility of the double punch test. Construction and Building Materials, 2021, 268, 121145. | 7.2 | 3 |
| 25 | Continuous monitoring of early-age properties of sprayed mortars by in situ ultrasound measurements. Construction and Building Materials, 2021, 292, 123389. | 7.2 | 3 |
| 26 | Avalia o do concreto refor ado com baixos teores de fibras para fins estruturais segundo a norma EN 14651-2007. Revista Materia, 2015, 20, 961-974. | 0.2 | 2 |
| 27 | Electrodeposition of a Nanostructured Hybrid Copper Hexacyanoferrate/Polypyrrole Film Using Lyotropic Liquid Crystals and Colloidal Particles Templates. Application to H2O2 Detection.. ECS Transactions, 2007, 11, 7-19. | 0.5 | 0 |