

Iran Gomes da Rocha Segundo

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

414
citations

1040056

9
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940533

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all docs

17
docs citations

17
times ranked

164
citing authors

#	ARTICLE	IF	CITATIONS
1	Use and misuse of the Kubelka-Munk function to obtain the band gap energy from diffuse reflectance measurements. <i>Solid State Communications</i> , 2022, 341, 114573.	1.9	177
2	Functionalization of Smart Recycled Asphalt Mixtures: A Sustainability Scientific and Pedagogical Approach. <i>Sustainability</i> , 2022, 14, 573.	3.2	5
3	Photocatalytic performance of textiles coated with titanium dioxide-reduced graphene oxide system for degradation of crude petroleum under similar solar irradiation. <i>Journal of Materials Science</i> , 2022, 57, 8464-8480.	3.7	3
4	Evaluation of band gap energy of TiO ₂ precipitated from titanium sulphate. <i>Physica B: Condensed Matter</i> , 2022, 639, 414008.	2.7	21
5	Asphalt Binder "Skincare" Aging Evaluation of an Asphalt Binder Modified by Nano-TiO ₂ . <i>Nanomaterials</i> , 2022, 12, 1678.	4.1	3
6	Surface rehabilitation of Portland cement concrete (PCC) pavements using single or double surface dressings with soft bitumen, conventional or modified emulsions. <i>Construction and Building Materials</i> , 2021, 281, 122611.	7.2	4
7	Development of Photocatalytic 3D-Printed Cementitious Mortars: Influence of the Curing, Spraying Time Gaps and TiO ₂ Coating Rates. <i>Buildings</i> , 2021, 11, 381.	3.1	8
8	Review and analysis of advances in functionalized, smart, and multifunctional asphalt mixtures. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 151, 111552.	16.4	40
9	Development of Capacitive-Type Sensors by Electrochemical Anodization: Humidity and Touch Sensing Applications. <i>Sensors</i> , 2021, 21, 7317.	3.8	2
10	Physicochemical and Rheological Properties of a Transparent Asphalt Binder Modified with Nano-TiO ₂ . <i>Nanomaterials</i> , 2020, 10, 2152.	4.1	16
11	Photocatalytic asphalt mixtures: Mechanical performance and impacts of traffic and weathering abrasion on photocatalytic efficiency. <i>Catalysis Today</i> , 2019, 326, 94-100.	4.4	16
12	Photocatalytic asphalt mixtures: semiconductors' impact in skid resistance and texture. <i>Road Materials and Pavement Design</i> , 2019, 20, S578-S589.	4.0	12
13	Photocatalytic asphalt pavement: the physicochemical and rheological impact of TiO ₂ nano/microparticles and ZnO microparticles onto the bitumen. <i>Road Materials and Pavement Design</i> , 2019, 20, 1452-1467.	4.0	25
14	Traffic noise and pavement distresses: Modelling and assessment of input parameters influence through data mining techniques. <i>Applied Acoustics</i> , 2018, 138, 147-155.	3.3	23
15	Assessment of photocatalytic, superhydrophobic and self-cleaning properties on hot mix asphalts coated with TiO ₂ and/or ZnO aqueous solutions. <i>Construction and Building Materials</i> , 2018, 166, 500-509.	7.2	49
16	Misturas asfálticas recicladas a quente com incorporação de elevado percentual de fresado como alternativa para camada de m ³ elevado. <i>Transportes</i> , 2016, 24, 85.	0.2	8