JoÃ£o OtÃ¡vio Donizette Malafatti

List of Publications by Year
in descending order

19 papers	295 citations	840119 11 h-index	887659 17 g-index
21 all docs	21 docs citations	21 times ranked	303 citing authors

#	Article	IF	Citations
1	Electrospun poly(lactic acid) nanofibers loaded with silver sulfadiazine/[Mgâ€“Al]â€layered double hydroxide as an antimicrobial wound dressing. Polymers for Advanced Technologies, 2020, 31, 1377-1387.	1.6	37
2	Alginate films functionalized with silver sulfadiazine-loaded [Mg-Al] layered double hydroxide as antimicrobial wound dressing. International Journal of Biological Macromolecules, 2019, 141, 504-510.	3.6	32
3	Faujasite zeolite decorated with cobalt ferrite nanoparticles for improving removal and reuse in Pb2+ ions adsorption. Chinese Journal of Chemical Engineering, 2020, 28, 1884-1890.	1.7	31
4	Evaluation of Photocatalytic Activity in Water Pollutants and Cytotoxic Response of Î±-Fe₂O₃ Nanoparticles. ACS Omega, 2019, 4, 17477-17486.	1.6	29
5	ProzacÂ® photodegradation mediated by Mn-doped TiO2 nanoparticles: Evaluation of by-products and mechanisms proposal. Journal of Environmental Chemical Engineering, 2020, 8, 104543.	3.3	28
6	Hydroxyapatite-CoFe₂O₄ Magnetic Nanoparticle Composites for Industrial Enzyme Immobilization, Use, and Recovery. ACS Applied Nano Materials, 2020, 3, 12334-12345.	2.4	22
7	Effect of tungsten doping on the structural, morphological and bactericidal properties of nanostructured CuO. PLoS ONE, 2020, 15, e0239868.	1.1	20
8	Nb2O5 nanoparticles decorated with magnetic ferrites for wastewater photocatalytic remediation. Environmental Science and Pollution Research, 2021, 28, 23731-23741.	2.7	17
9	CuO nanoparticles decorated on hydroxyapatite/ferrite magnetic support: photocatalysis, cytotoxicity, and antimicrobial response. Environmental Science and Pollution Research, 2022, 29, 41505-41519.	2.7	17
10	Immobilization of phytase on zeolite modified with iron(II) for use in the animal feed and food industry sectors. Process Biochemistry, 2021, 100, 260-271.	1.8	16
11	ProzacÂ® removal promoted by HAP:Nb2O5 nanoparticles system: byâ€products, mechanism, and cytotoxicity assessment. Journal of Environmental Chemical Engineering, 2021, 9, 104820.	3.3	14
12	Zinc oxide pieces obtained by pressing and slip casting: physical, structural and photocatalytic properties. Environmental Technology (United Kingdom), 2021, 42, 1861-1873.	1.2	11
13	Preparation and Application of Nb2O5 Nanofibers in CO2 Photoconversion. Nanomaterials, 2021, 11, 3268.	1.9	9
14	Structural evolution, optical properties, and photocatalytic performance of copper and tungsten heterostructure materials. Materials Today Communications, 2021, 26, 101886.	0.9	4
15	ZnO semiconductors obtained by slip casting: Application and reuse in photocatalysis. International Journal of Applied Ceramic Technology, 2021, 18, 622-630.	1.1	4
16	Obtaining Porous Zinc Oxide Ceramics Using Replica Technique: Application in Photocatalysis. Materials Research, 0, 25, .	0.6	2
17	Nanocarriers of Eu³⁺ doped silica nanoparticles modified by APTES for luminescent monitoring of cloxacillin. AIMS Materials Science, 2021, 8, 760-775.	0.7	1
18	One-pot synthesis of CuO, ZnO, and Ag nanoparticles: structural, morphological, and bactericidal evaluation. Inorganic and Nano-Metal Chemistry, 2023, 53, 490-500.	0.9	1

#	Article	IF	Citations
19	InfluÃªncia dos parÃ¢metros da moagem de alta energia nas propriedades de dispersÃ£o do ZnO particulado. , 2021, , .		0