

# João Otávio Donizette Malafatti

## List of Publications by Year in descending order

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Version: 2024-02-01

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

#	ARTICLE	IF	CITATIONS
19	Obtaining Porous Zinc Oxide Ceramics Using Replica Technique: Application in Photocatalysis. Materials Research, 0, 25, .	0.6	2