

Barreto-Rodrigues, Marcio

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

419
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759233

12
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22
all docs

22
docs citations

22
times ranked

522
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined zero-valent iron and fenton processes for the treatment of Brazilian TNT industry wastewater. <i>Journal of Hazardous Materials</i> , 2009, 165, 1224-1228.	12.4	66
2	Synthesis, characterization and application of nanoscale zero-valent iron in the degradation of the azo dye Disperse Red 1. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 628-634.	6.7	37
3	Optimization of Brazilian TNT industry wastewater treatment using combined zero-valent iron and fenton processes. <i>Journal of Hazardous Materials</i> , 2009, 168, 1065-1069.	12.4	33
4	Characterization and photocatalytic treatability of red water from Brazilian TNT industry. <i>Journal of Hazardous Materials</i> , 2015, 293, 81-86.	12.4	32
5	Characterization of wastewater from the Brazilian TNT industry. <i>Journal of Hazardous Materials</i> , 2009, 164, 385-388.	12.4	31
6	Current trends in the use of zero-valent iron (Fe ⁰) for degradation of pharmaceuticals present in different water matrices. <i>Trends in Environmental Analytical Chemistry</i> , 2019, 24, e00069.	10.3	30
7	Application of zero valent iron (ZVI) immobilized in Ca-Alginate beads for C.I. Reactive Red 195 catalytic degradation in an air lift reactor operated with ozone. <i>Journal of Hazardous Materials</i> , 2021, 401, 123275.	12.4	27
8	Combined photocatalytic and fungal processes for the treatment of nitrocellulose industry wastewater. <i>Journal of Hazardous Materials</i> , 2009, 161, 1569-1573.	12.4	25
9	Use of maize wastewater for the cultivation of the <i>Pleurotus</i> spp. mushroom and optimization of its biological efficiency. <i>Journal of Hazardous Materials</i> , 2009, 166, 1522-1525.	12.4	19
10	Dechlorination and oxidative degradation of 4-chlorophenol with nanostructured iron-silver alginate beads. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 838-842.	6.7	16
11	Electro activation of persulfate using iron sheet as low-cost electrode: the role of the operating conditions. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 1208-1216.	2.2	16
12	Factorial design application in photocatalytic wastewater degradation from TNT industry's "red water". <i>Environmental Science and Pollution Research</i> , 2017, 24, 6055-6060.	5.3	15
13	Nanoscale Fe/Ag particles activated persulfate: optimization using response surface methodology. <i>Water Science and Technology</i> , 2017, 75, 2216-2224.	2.5	12
14	CeO ₂ -Fe ₂ O ₃ mixed oxides: Synthesis, characterization and evaluation in the photocatalytic degradation of nitroaromatic compounds from wastewater of the explosives industry. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 428, 113839.	3.9	11
15	Behavior of Atrazine and Its Degradation Products Deethylatrazine and Deisopropylatrazine in Oxisol Samples. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	2.4	9
16	Degradation of a mixture of pharmaceuticals in hospital wastewater by a zero-valent scrap iron (ZVSI) combined reduction-oxidation process. <i>Journal of Water Process Engineering</i> , 2020, 37, 101410.	5.6	9
17	Combined fungal and photo-oxidative Fenton processes for the treatment of wood-laminate industrial waste effluent. <i>Journal of Hazardous Materials</i> , 2019, 379, 120790.	12.4	8
18	Simultaneous determination of organic acids and sugars in fruit juices by High performance liquid chromatography: characterization and differentiation of commercial juices by principal component analysis. <i>Ciencia Rural</i> , 2021, 51, .	0.5	7

#	ARTICLE	IF	CITATIONS
19	Caracterização física, química e ecotoxicológica de efluente da indústria de fabricação de explosivos. Química Nova, 2007, 30, 1623-1627.	0.3	6
20	Degradação de espécies nitroaromáticas e remediação de efluentes da indústria de explosivos, utilizando-se processos redutivos-oxidativos fundamentados no uso de ferro metálico. Química Nova, 2009, 32, 1504-1508.	0.3	6
21	Biotreatment of an effluent from a wood laminate industry using <i>Lentinula edodes</i> UEC 2019. Journal of Hazardous Materials, 2009, 164, 1556-1560.	12.4	4
22	Aplicação de carepa de aço para degradação de 2,4-dinitrofenol por meio de sistema de oxidação avançada do tipo Fenton. Engenharia Sanitaria E Ambiental, 2021, 26, 201-210.	0.5	0