Fernanda Albana Marchesini

List of Publications by Year
in descending order

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27	542	758635 12	642321 23
papers	citations	h-index	g-index

27	27	27	505
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spectroscopic and catalytic characterization of Pdâ€“In and Ptâ€“In supported on Al2O3 and SiO2, active catalysts for nitrate hydrogenation. Applied Catalysis A: General, 2008, 348, 60-70.	2.2	90
2	Nitrate hydrogenation over Pt,In/Al2O3 and Pt,In/SiO2. Effect of aqueous media and catalyst surface properties upon the catalytic activity. Catalysis Communications, 2008, 9, 1021-1026.	1.6	62
3	Pt,In and Pd,In catalysts for the hydrogenation of nitrates and nitrites in water. FTIR characterization and reaction studies. Chemical Engineering Journal, 2010, 159, 203-211.	6.6	55
4	Catalytic reduction of nitrate in water: Promoted palladium catalysts supported in resin. Applied Catalysis A: General, 2010, 372, 40-47.	2.2	52
5	Study of the interactions of Pd,In with SiO2 and Al2O3 mixed supports as catalysts for the hydrogenation of nitrates in water. Catalysis Communications, 2012, 21, 9-13.	1.6	31
6	Controlled deposition of Pd and In on carbon fibers by sequential electroless plating for the catalytic reduction of nitrate in water. Catalysis Communications, 2016, 78, 59-63.	1.6	28
7	Evaluation of Pdâ^'In Supported Catalysts for Water Nitrate Abatement in a Fixed-Bed Continuous Reactor. Industrial & Engineering Chemistry Research, 2011, 50, 1911-1920.	1.8	20
8	Cu(5%)/Al2O3 catalytic performance on the phenol wet oxidation with H2O2: Influence of the calcination temperature. Journal of Environmental Chemical Engineering, 2019, 7, 103201.	3.3	19
9	Controlled Pd deposition on carbon fibers by electroless plating for the reduction of nitrite in water. Catalysis Communications, 2011, 16, 189-193.	1.6	17
10	Green Synthesis of a Cu/SiO2 Catalyst for Efficient H2-SCR of NO. Applied Sciences (Switzerland), 2019, 9, 4075.	1.3	16
11	Pd and Pd,In nanoparticles supported on polymer fibres as catalysts for the nitrate and nitrite reduction in aqueous media. Journal of Environmental Chemical Engineering, 2020, 8, 103651.	3.3	15
12	Comparison of different electrode materials for the nitrate electrocatalytic reduction in a dual-chamber cell. Journal of Environmental Chemical Engineering, 2020, 8, 104120.	3.3	15
13	Electrochemical nitrate reduction of brines: Improving selectivity to N2 by the use of Pd/activated carbon fiber catalyst. Chemosphere, 2021, 279, 130832.	4.2	15
14	Nitrate Reduction of Brines from Water Desalination Plants Employing a Low Metallic Charge Pd, In Catalyst and Formic Acid as Reducing Agent. Catalysis Letters, 2018, 148, 2572-2584.	1.4	13
15	Use of copper plate electrode and Pd catalyst to the nitrate reduction in an electrochemical dual-chamber cell. Journal of Water Process Engineering, 2020, 35, 101189.	2.6	13
16	Synthesis of Pd/Al2O3 coating onto a cordierite monolith and its application to nitrite reduction in water. Catalysis Communications, 2013, 34, 26-29.	1.6	11
17	Effect of operational parameters and Pd/In catalyst in the reduction of nitrate using copper electrode. Environmental Technology (United Kingdom), 2018, 39, 2835-2847.	1.2	11
18	Improving selectivity to dinitrogen using Palladium-Indium coated on activated carbon fibers: Preparation, characterization and application in water-phase nitrate reduction using formic acid as an alternative reductant source. Journal of Environmental Chemical Engineering, 2018, 6, 4764-4772.	3.3	11

#	Article	IF	Citations
19	Controlled Pd deposition on fibers by electroless plating. The effects of the support on the reduction of nitrite in water. Catalysis Today, 2013, 212, 16-22.	2.2	9
20	Superficial properties of activated carbon fiber catalysts produced by green synthesis and their application in water purification. Environmental Science and Pollution Research, 2020, 27, 40405-40420.	2.7	8
21	Pd and In addition onto Au nanoparticles supported on TiO2 asÂa catalytic formulation for NO3 â˜ reduction in water. Reaction Kinetics, Mechanisms and Catalysis, 2017, 120, 39-54.	0.8	6
22	PdIn Catalysts in a Continuous Fixed Bed Reactor for the Nitrate Removal from Groundwater. International Journal of Chemical Reactor Engineering, 2019, 17, .	0.6	6
23	Use of a two-step process to denitrification of synthetic brines: electroreduction in a dual-chamber cell and catalytic reduction. Environmental Science and Pollution Research, 2020, 27, 1956-1968.	2.7	6
24	Mineralization of formic acid from catalytic nitrate reduction effluent by UV-based and electrochemical processes. Journal of Environmental Chemical Engineering, 2020, 8, 104127.	3.3	6
25	Nitrate reduction by electrochemical processes using copper electrode: evaluating operational parameters aiming low nitrite formation. Water Science and Technology, 2021, 84, 200-215.	1.2	5
26	Nitrate hydrogenation on Pt,In/Al2O3: EXAFS and XANES characterization of fresh and used catalysts. Catalysis Communications, 2008, 10, 355-358.	1.6	2
27	Synthesis design of Cu/Al2O3 catalysts to decrease copper leaching in the catalytic wet peroxide oxidation of phenol. Journal of Hazardous Materials Letters, 2022, 3, 100059.	2.0	0