

Neuman de Resende

List of Publications by Year in descending order

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16
papers

295
citations

933447

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h-index

996975

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16
all docs

16
docs citations

16
times ranked

346
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of mercury removal from aqueous solution by high-fixation hydroxyapatite sorbents. International Journal of Environmental Science and Technology, 2019, 16, 7221-7228.	3.5	8
2	Design and Testing Model Cobalt Catalysts for Reactions Involving CO ₂ and H ₂ O. Journal of Physical Chemistry C, 2019, 123, 8067-8076.	3.1	0
3	Phenomenological modeling for elemental mercury capture on hydroxyapatite-based adsorbents: An experimental validation. Fuel, 2018, 225, 509-518.	6.4	6
4	Water Interaction in Faujasite Probed by in Situ X-ray Powder Diffraction. Journal of Physical Chemistry C, 2017, 121, 2755-2761.	3.1	11
5	Modeling, simulation and kinetic parameter estimation for diesel hydrotreating. Fuel, 2017, 209, 184-193.	6.4	38
6	Accelerated deactivation studies of hydrotreating catalysts in pilot unit. Applied Catalysis A: General, 2017, 548, 114-121.	4.3	20
7	Nanostructured screen-printed electrodes based on titanate nanowires for biosensing applications. Materials Science and Engineering C, 2017, 70, 15-20.	7.3	10
8	Immobilization of horseradish peroxidase on titanate nanowires for biosensing application. Journal of Applied Electrochemistry, 2016, 46, 17-25.	2.9	8
9	Influence of the synthesis method on the preparation of barium titanate nanoparticles. Chemical Engineering and Processing: Process Intensification, 2016, 103, 12-20.	3.6	30
10	Investigation of adsorption-enhanced reaction process of mercury removal from simulated natural gas by mathematical modeling. Fuel, 2014, 129, 129-137.	6.4	30
11	Behavior of Fresh and Deactivated Combustion Promoter Additives. Industrial & Engineering Chemistry Research, 2004, 43, 3133-3136.	3.7	11
12	Analysis of experimental errors in catalytic tests for production of synthesis gas. Applied Catalysis A: General, 2003, 242, 365-379.	4.3	14
13	Modeling and optimization of the combined carbon dioxide reforming and partial oxidation of natural gas. Applied Catalysis A: General, 2001, 215, 211-224.	4.3	75
14	Surface characterization of WO ₃ -TiO ₂ /Al ₂ O ₃ catalysts and reactivity on selective catalytic reaction of NO by NH ₃ . Studies in Surface Science and Catalysis, 2000, 143, 933-939.	1.5	3
15	Pt@TiO ₂ @Al ₂ O ₃ Catalyst. Dispersion of Platinum on Alumina-Grafted Titanium Oxide. Journal of Catalysis, 1999, 183, 6-13.	6.2	29
16	Synthesis and characterization of titanium oxide monolayer. Studies in Surface Science and Catalysis, 1995, , 1059-1067.	1.5	2