

Neuman de Resende

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8577142/publications.pdf>

Version: 2024-02-01

16
papers

295
citations

933447

10
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

346
citing authors

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