

Aliakbar Tarlani

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

429
citations

1040056

9
h-index

940533

16
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16
all docs

16
docs citations

16
times ranked

694
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamic analysis of carbon dioxide reforming of methane and its practical relevance. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 2445-2451.	7.1	87
2	New ZnO nanostructures as non-enzymatic glucose biosensors. <i>Biosensors and Bioelectronics</i> , 2015, 67, 601-607.	10.1	70
3	NiO-MgO Solid Solution Prepared by Sol-Gel Method as Precursor for Ni/MgO Methane Dry Reforming Catalyst: Effect of Calcination Temperature on Catalytic Performance. <i>Catalysis Letters</i> , 2016, 146, 238-248.	2.6	69
4	Multivalent calix[4]arene-based fluorescent sensor for detecting silver ions in aqueous media and physiological environment. <i>Biosensors and Bioelectronics</i> , 2017, 90, 290-297.	10.1	47
5	Application of Metal-Organic Framework Nano-MIL-100(Fe) for Sustainable Release of Doxycycline and Tetracycline. <i>Nanomaterials</i> , 2017, 7, 215.	4.1	43
6	One-pot synthesis of NiO-MgO nanocatalysts for CO ₂ reforming of methane: The influence of active metal content on catalytic performance. <i>Journal of Natural Gas Science and Engineering</i> , 2015, 27, 1165-1173.	4.4	41
7	Cetyltrimethylammonium Bromide (CTAB) Bloated Micelles and Merged CTAB/Bioamphiphiles Self-Assembled Vesicles toward the Generation of Highly Porous Alumina as Efficient Inorganic Adsorbents. <i>Langmuir</i> , 2019, 35, 11188-11199.	3.5	13
8	Synthesis of nanostructured alumina with ultrahigh pore volume for pH-dependent release of curcumin. <i>RSC Advances</i> , 2017, 7, 38935-38944.	3.6	12
9	New Bi ₂ MoO ₆ nano-shapes toward ultrasensitive enzymeless glucose tracing: Synergetic effect of the Bi-Mo association. <i>Talanta</i> , 2021, 221, 121560.	5.5	10
10	Enhanced release and drug delivery of celecoxib into physiological environment by the different types of nanoscale vehicles. <i>Applied Surface Science</i> , 2017, 422, 873-882.	6.1	9
11	Heteropolyacid-catalyzed dimerization of β -methylstyrene; on the efficiency and selectivity dependence. <i>Catalysis Communications</i> , 2011, 14, 89-91.	3.3	8
12	Generation of highly stable and active strong base sites on organized nano-porous alumina by calcium oxide. <i>Solid State Sciences</i> , 2013, 16, 76-80.	3.2	8
13	Wells-Dawson tungsten heteropolyacid-catalyzed highly selective dimerization of β -methylstyrene to 1,1,3-trimethyl-3-phenylindan. <i>Catalysis Communications</i> , 2007, 8, 1153-1155.	3.3	7
14	Generation of versatile titania-silica nano-vehicles using dual templates exploiting as tunable drug releaser. <i>Materials Chemistry and Physics</i> , 2018, 212, 308-317.	4.0	2
15	New nanoporous TiO ₂ with controlled porosities emanated from two concurrent correlative templates as potent adsorbents. <i>Nano Structures Nano Objects</i> , 2022, 31, 100881.	3.5	2
16	Facile, low-cost, and organic-free fabrication of diverse nanoporous alumina as support for drug release; on the salt effect, calcination temperature, and reaction time dependence. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 83, 627-639.	2.4	1