

Mohammad Barati

List of Publications by Year in descending order

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15
papers

467
citations

759233

12
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

602
citing authors

#	ARTICLE	IF	CITATIONS
1	Conductivity and anticorrosion performance of polyaniline/zinc composites: Investigation of zinc particle size and distribution effect. <i>Progress in Organic Coatings</i> , 2011, 72, 599-604.	3.9	78
2	Preparation of PANI/epoxy/Zn nanocomposite using Zn nanoparticles and epoxy resin as additives and investigation of its corrosion protection behavior on iron. <i>Progress in Organic Coatings</i> , 2012, 74, 221-227.	3.9	69
3	Supercritical methanol for one pot biodiesel production from chlorella vulgaris microalgae in the presence of CaO/TiO ₂ nano-photocatalyst and subcritical water. <i>Biomass and Bioenergy</i> , 2019, 123, 34-40.	5.7	58
4	Hydrogen production via supercritical water gasification of bagasse using unpromoted and zinc promoted Ru/γ-Al ₂ O ₃ nanocatalysts. <i>Fuel Processing Technology</i> , 2014, 123, 140-148.	7.2	52
5	Polyvinyl alcohol-sodium alginate blend, composited with 3D-graphene oxide as a controlled release system for curcumin. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 50, 380-387.	3.0	41
6	Conversion of sugarcane bagasse to gaseous and liquid fuels in near-critical water media using K ₂ O promoted Cu/γ-Al ₂ O ₃ MgO nanocatalysts. <i>Biomass and Bioenergy</i> , 2015, 80, 63-72.	5.7	37
7	Hydrogen production via supercritical water gasification of bagasse using Ni-Cu/γ-Al ₂ O ₃ nano-catalysts. <i>Environmental Technology (United Kingdom)</i> , 2015, 36, 1265-1272.	2.2	26
8	The Potential of Magnetic Nanoparticles for Diagnosis and Treatment of Cancer Based on Body Magnetic Field and Organ-on-the-Chip. <i>Advanced Pharmaceutical Bulletin</i> , 2019, 9, 360-373.	1.4	21
9	Sugarcane bagasse supercritical water gasification in presence of potassium promoted copper nano-catalysts supported on γ-Al ₂ O ₃ . <i>International Journal of Hydrogen Energy</i> , 2016, 41, 174-180.	7.1	18
10	The modified supercritical media for one-pot biodiesel production from Chlorella vulgaris using photochemically-synthesized SrTiO ₃ nanocatalyst. <i>Renewable Energy</i> , 2020, 160, 176-184.	8.9	18
11	The Drug Release Kinetics and Anticancer Activity of the GO/PVA-Curcumin Nanostructures: The Effects of the Preparation Method and the GO Amount. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 3715-3725.	3.3	16
12	Anticancer Drug Delivery Systems Based on Curcumin Nanostructures: A Review. <i>Pharmaceutical Chemistry Journal</i> , 2020, 54, 353-360.	0.8	14
13	Hydrogen, alcohols, and ethers production from biomass in supercritical methanol-subcritical water medium with Cu-K nanocatalysts. <i>Environmental Progress and Sustainable Energy</i> , 2018, 37, 861-869.	2.3	8
14	One-pot conversion of sesame cake to low N-content biodiesel via nano-catalytic supercritical methanol. <i>Renewable Energy</i> , 2021, 170, 964-973.	8.9	8
15	Polyethersulfone/MWCNT nanocomposite scaffold for endometrial cell culture: preparation, characterization, and in vitro investigation. <i>Biomedical Physics and Engineering Express</i> , 2021, 7, 025004.	1.2	0