

Tarek T Ali

List of Publications by Year in descending order

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25
papers

949
citations

516710

16
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

1519
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of crystal structure of nanosized ZrO ₂ on photocatalytic degradation of methyl orange. Nanoscale Research Letters, 2015, 10, 73.	5.7	377
2	Acidic Peptizing Agent Effect on Anatase-Rutile Ratio and Photocatalytic Performance of TiO ₂ Nanoparticles. Nanoscale Research Letters, 2018, 13, 48.	5.7	44
3	Effect of synthesis methods for mesoporous zirconia on its structural and textural properties. Journal of Materials Science, 2013, 48, 2705-2713.	3.7	42
4	Physico-Chemical and Catalytic Properties of Mesoporous CuO-ZrO ₂ Catalysts. Catalysts, 2016, 6, 57.	3.5	41
5	Antibacterial and photocatalytic activities of controllable (anatase/rutile) mixed phase TiO ₂ nanophotocatalysts synthesized via a microwave-assisted sol-gel method. New Journal of Chemistry, 2020, 44, 562-570.	2.8	39
6	Effect of iron oxide loading on the phase transformation and physicochemical properties of nanosized mesoporous ZrO ₂ . Materials Research Bulletin, 2012, 47, 3463-3472.	5.2	37
7	Photocatalytic Activity of Doped and Undoped Titanium Dioxide Nanoparticles Synthesised by Flame Spray Pyrolysis. Platinum Metals Review, 2013, 57, 32-43.	1.2	37
8	Effect of pretreatment temperature on the photocatalytic activity of microwave irradiated porous nanocrystalline ZnO. New Journal of Chemistry, 2015, 39, 321-332.	2.8	29
9	Effects of Nd-, Pr-, Tb- and Y-doping on the structural, textural, electrical and N ₂ O decomposition activity of mesoporous NiO nanoparticles. Applied Surface Science, 2017, 419, 399-408.	6.1	29
10	Effect of Si precursor on structural and catalytic properties of nanosize magnesium silicates. Applied Catalysis A: General, 2014, 488, 208-218.	4.3	26
11	Direct Formation of Thermally Stabilized Amorphous Mesoporous Fe ₂ O ₃ /SiO ₂ Nanocomposites by Hydrolysis of Aqueous Iron (III) Nitrate in Sols of Spherical Silica Particles. Langmuir, 2008, 24, 1037-1043.	3.5	25
12	Nanosized samarium modified Au-Ce 0.5 Zr 0.5 O ₂ catalysts for oxidation of benzyl alcohol. Molecular Catalysis, 2018, 456, 10-21.	2.0	24
13	Catalytic Oxidative Cracking of Propane Over Nanosized Gold Supported Ce _{0.5} Zr _{0.5} O ₂ Catalysts. Catalysis Letters, 2013, 143, 1074-1084.	2.6	23
14	Copper substituted heteropolyacid catalysts for the selective dehydration of ethanol. Journal of Alloys and Compounds, 2010, 496, 553-559.	5.5	22
15	Nanosized iron and nickel oxide zirconia supported catalysts for benzylation of benzene: Role of metal oxide support interaction. Applied Catalysis A: General, 2014, 486, 19-31.	4.3	19
16	Photocatalytic Degradation of p-Nitrophenol in Aqueous Suspension by Using Graphene/ZrO ₂ Catalysts. Nanoscience and Nanotechnology Letters, 2016, 8, 448-457.	0.4	19
17	Titania nanoparticles by acidic peptization of xerogel formed by hydrolysis of titanium(IV) isopropoxide under atmospheric humidity conditions. Powder Technology, 2013, 245, 156-162.	4.2	16
18	Porous Fe ₂ O ₃ -ZrO ₂ and NiO-ZrO ₂ nanocomposites for catalytic N ₂ O decomposition. Catalysis Today, 2020, 348, 166-176.	4.4	16

#	ARTICLE	IF	CITATIONS
19	Template Assisted Microwave Synthesis of rGO-ZrO ₂ Composites: Efficient Photocatalysts Under Visible Light. Journal of Nanoscience and Nanotechnology, 2019, 19, 5177-5188.	0.9	15
20	Laboratory Scale Water Circuit Including a Photocatalytic Reactor and a Portable In-Stream Sensor To Monitor Pollutant Degradation. Industrial & Engineering Chemistry Research, 2012, 51, 3301-3308.	3.7	12
21	Effect of preparation conditions on structural and catalytic properties of lithium zirconate. Ceramics International, 2016, 42, 1318-1331.	4.8	12
22	Fabrication, characterization and catalytic activity measurements of nano-crystalline Ag-Cr-O catalysts. Applied Surface Science, 2018, 457, 1126-1135.	6.1	12
23	Influence of synthesis conditions on physico-chemical and photocatalytic properties of rare earth (Ho, Nd and Sm) oxides. Journal of Materials Research and Technology, 2020, 9, 1819-1830.	5.8	12
24	Ethanol to hydrocarbons using silver substituted polyoxometalates: Physicochemical and catalytic study. Journal of Industrial and Engineering Chemistry, 2014, 20, 46-53.	5.8	11
25	Influence of preparation conditions on the catalytic activity of high surface area silica in partial methanol oxidation. Chemical Engineering Journal, 2017, 330, 852-862.	12.7	10