

# 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	Antibacterial and photocatalytic activities of controllable (anatase/rutile) mixed phase TiO <sub>2</sub> nanophotocatalysts synthesized via a microwave-assisted sol-gel method. <i>New Journal of Chemistry</i> , 2020, 44, 562-570.	2.8	39
2	Influence of synthesis conditions on physico-chemical and photocatalytic properties of rare earth (Ho, Nd and Sm) oxides. <i>Journal of Materials Research and Technology</i> , 2020, 9, 1819-1830.	5.8	12
3	Porous Fe <sub>2</sub> O <sub>3</sub> -ZrO <sub>2</sub> and NiO-ZrO <sub>2</sub> nanocomposites for catalytic N <sub>2</sub> O decomposition. <i>Catalysis Today</i> , 2020, 348, 166-176.	4.4	16
4	Template Assisted Microwave Synthesis of rGO-ZrO <sub>2</sub> Composites: Efficient Photocatalysts Under Visible Light. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 5177-5188.	0.9	15
5	Acidic Peptizing Agent Effect on Anatase-Rutile Ratio and Photocatalytic Performance of TiO <sub>2</sub> Nanoparticles. <i>Nanoscale Research Letters</i> , 2018, 13, 48.	5.7	44
6	Nanosized samarium modified Au-Ce 0.5 Zr 0.5 O <sub>2</sub> catalysts for oxidation of benzyl alcohol. <i>Molecular Catalysis</i> , 2018, 456, 10-21.	2.0	24
7	Fabrication, characterization and catalytic activity measurements of nano-crystalline Ag-Cr-O catalysts. <i>Applied Surface Science</i> , 2018, 457, 1126-1135.	6.1	12
8	Effects of Nd-, Pr-, Tb- and Y-doping on the structural, textural, electrical and N <sub>2</sub> O decomposition activity of mesoporous NiO nanoparticles. <i>Applied Surface Science</i> , 2017, 419, 399-408.	6.1	29
9	Influence of preparation conditions on the catalytic activity of high surface area silica in partial methanol oxidation. <i>Chemical Engineering Journal</i> , 2017, 330, 852-862.	12.7	10
10	Physico-Chemical and Catalytic Properties of Mesoporous CuO-ZrO <sub>2</sub> Catalysts. <i>Catalysts</i> , 2016, 6, 57.	3.5	41
11	Effect of preparation conditions on structural and catalytic properties of lithium zirconate. <i>Ceramics International</i> , 2016, 42, 1318-1331.	4.8	12
12	Photocatalytic Degradation of p-Nitrophenol in Aqueous Suspension by Using Graphene/ZrO <sub>2</sub> Catalysts. <i>Nanoscience and Nanotechnology Letters</i> , 2016, 8, 448-457.	0.4	19
13	Influence of crystal structure of nanosized ZrO <sub>2</sub> on photocatalytic degradation of methyl orange. <i>Nanoscale Research Letters</i> , 2015, 10, 73.	5.7	377
14	Effect of pretreatment temperature on the photocatalytic activity of microwave irradiated porous nanocrystalline ZnO. <i>New Journal of Chemistry</i> , 2015, 39, 321-332.	2.8	29
15	Ethanol to hydrocarbons using silver substituted polyoxometalates: Physicochemical and catalytic study. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 46-53.	5.8	11
16	Nanosized iron and nickel oxide zirconia supported catalysts for benzylation of benzene: Role of metal oxide support interaction. <i>Applied Catalysis A: General</i> , 2014, 486, 19-31.	4.3	19
17	Effect of Si precursor on structural and catalytic properties of nanosize magnesium silicates. <i>Applied Catalysis A: General</i> , 2014, 488, 208-218.	4.3	26
18	Titania nanoparticles by acidic peptization of xerogel formed by hydrolysis of titanium(IV) isopropoxide under atmospheric humidity conditions. <i>Powder Technology</i> , 2013, 245, 156-162.	4.2	16

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19	Catalytic Oxidative Cracking of Propane Over Nanosized Gold Supported Ce <sub>0.5</sub> Zr <sub>0.5</sub> O <sub>2</sub> Catalysts. <i>Catalysis Letters</i> , 2013, 143, 1074-1084.	2.6	23
20	Effect of synthesis methods for mesoporous zirconia on its structural and textural properties. <i>Journal of Materials Science</i> , 2013, 48, 2705-2713.	3.7	42
21	&l&gt;Photocatalytic Activity of Doped and Undoped Titanium Dioxide Nanoparticles Synthesised by Flame Spray Pyrolysis&l&gt;. <i>Platinum Metals Review</i> , 2013, 57, 32-43.	1.2	37
22	Laboratory Scale Water Circuit Including a Photocatalytic Reactor and a Portable In-Stream Sensor To Monitor Pollutant Degradation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 3301-3308.	3.7	12
23	Effect of iron oxide loading on the phase transformation and physicochemical properties of nanosized mesoporous ZrO <sub>2</sub> . <i>Materials Research Bulletin</i> , 2012, 47, 3463-3472.	5.2	37
24	Copper substituted heteropolyacid catalysts for the selective dehydration of ethanol. <i>Journal of Alloys and Compounds</i> , 2010, 496, 553-559.	5.5	22
25	Direct Formation of Thermally Stabilized Amorphous Mesoporous Fe <sub>2</sub> O <sub>3</sub> /SiO <sub>2</sub> Nanocomposites by Hydrolysis of Aqueous Iron (III) Nitrate in Sols of Spherical Silica Particles. <i>Langmuir</i> , 2008, 24, 1037-1043.	3.5	25