

Abd El Rahman S Khder

List of Publications by Year in descending order

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18
papers

1,676
citations

687363

13
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

2672
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave synthesis of graphene sheets supporting metal nanocrystals in aqueous and organic media. <i>Journal of Materials Chemistry</i> , 2009, 19, 3832.	6.7	511
2	Microwave-assisted synthesis of palladium nanoparticles supported on graphene: A highly active and recyclable catalyst for carbon-carbon cross-coupling reactions. <i>Journal of Catalysis</i> , 2011, 279, 1-11.	6.2	368
3	Metallic and bimetallic nanocatalysts incorporated into highly porous coordination polymer MIL-101. <i>Journal of Materials Chemistry</i> , 2009, 19, 7625.	6.7	277
4	Acid catalyzed organic transformations by heteropoly tungstophosphoric acid supported on MCM-41. <i>Applied Catalysis A: General</i> , 2012, 411-412, 77-86.	4.3	106
5	Metal-organic frameworks with high tungstophosphoric acid loading as heterogeneous acid catalysts. <i>Applied Catalysis A: General</i> , 2014, 487, 110-118.	4.3	72
6	Preparation, characterization and catalytic activity of tin oxide-supported 12-tungstophosphoric acid as a solid catalyst. <i>Applied Catalysis A: General</i> , 2008, 343, 109-116.	4.3	62
7	Surface and catalytic properties of triflic acid supported zirconia: Effect of zirconia tetragonal phase. <i>Journal of Molecular Catalysis A</i> , 2016, 411, 138-145.	4.8	57
8	Direct synthesis and the morphological control of highly ordered mesoporous AISBA-15 using urea-tetrachloroaluminate as a novel aluminum source. <i>Journal of Materials Chemistry</i> , 2012, 22, 17551.	6.7	45
9	Competent, selective and high yield of 7-hydroxy-4-methyl coumarin over sulfonated mesoporous silica as solid acid catalysts. <i>Journal of Porous Materials</i> , 2018, 25, 1-13.	2.6	30
10	Preparation and characterization of highly active Pd nanoparticles supported Mn ₃ O ₄ catalyst for low-temperature CO oxidation. <i>Materials Research Bulletin</i> , 2019, 113, 215-222.	5.2	29
11	Pd nanoparticles supported on iron oxide nanorods for CO oxidation: Effect of preparation method. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 4794-4800.	6.7	21
12	CO oxidation over Au and Pd nanoparticles supported on ceria-hafnia mixed oxides. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2014, 112, 61-75.	1.7	20
13	Structural and catalytic properties of ZnO and Al ₂ O ₃ nanostructures loaded with metal nanoparticles. <i>Journal of Nanoparticle Research</i> , 2011, 13, 7075-7083.	1.9	19
14	Mesoporous metal(IV) phosphates as high performance acid catalysts for the synthesis of photochromic bis-naphthopyran via Claisen rearrangement. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2016, 117, 745-759.	1.7	13
15	Catalytic oxidation of carbon monoxide over of gold-supported iron oxide catalyst. <i>Materials Research Innovations</i> , 2018, 22, 107-114.	2.3	13
16	Hafnium pentachloride ionic liquid for isomorphous and postsynthesis of HfKIT-6 mesoporous silica: catalytic performances of Pd/SO ₄ ²⁻ /HfKIT-6. <i>Journal of Porous Materials</i> , 2016, 23, 1339-1351.	2.6	12
17	Microwave-assisted synthesis of gold nanoparticles supported on Mn ₃ O ₄ catalyst for low temperature CO oxidation. <i>Environmental Technology (United Kingdom)</i> , 2019, 42, 1-10.	2.2	11
18	Preparation, characterization of highly active recyclable zirconium and tin tungstate catalysts and their application in Pechmann condensation reaction. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2018, 125, 227-243.	1.7	10