

Baljeet Singh

List of Publications by Year in descending order

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16
papers

907
citations

759233

12
h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

982
citing authors

#	ARTICLE	IF	CITATIONS
1	Size and Fiber Density Controlled Synthesis of Fibrous Nanosilica Spheres (KCC-1). Scientific Reports, 2016, 6, 24888.	3.3	138
2	Single-Atom (Iron-Based) Catalysts: Synthesis and Applications. Chemical Reviews, 2021, 121, 13620-13697.	47.7	136
3	Single-Atom Catalysts: A Sustainable Pathway for the Advanced Catalytic Applications. Small, 2021, 17, e2006473.	10.0	135
4	Functional Mesoporous Silica Nanomaterials for Catalysis and Environmental Applications. Bulletin of the Chemical Society of Japan, 2020, 93, 1459-1496.	3.2	114
5	Design of CO ₂ sorbents using functionalized fibrous nanosilica (KCC-1): insights into the effect of the silica morphology (KCC-1 vs. MCM-41). Journal of Materials Chemistry A, 2016, 4, 7005-7019.	10.3	105
6	Insights into the Catalytic Activity of Nitridated Fibrous Silica (KCC-1) Nanocatalysts from ¹⁵ N and ²⁹ Si NMR Spectroscopy Enhanced by Dynamic Nuclear Polarization. Angewandte Chemie - International Edition, 2015, 54, 2190-2193.	13.8	101
7	Amphi-functional mesoporous silica nanoparticles for dye separation. Journal of Materials Chemistry A, 2017, 5, 14914-14921.	10.3	33
8	Magnetic scaffolds in oil spill applications. Environmental Science: Water Research and Technology, 2020, 6, 436-463.	2.4	31
9	SBA-15 COxynitrides as a Solid-Base Catalyst: Effect of Nitridation Temperature on Catalytic Activity. Angewandte Chemie - International Edition, 2015, 54, 5985-5989.	13.8	25
10	Solution-phase synthesis of two-dimensional silica nanosheets using soft templates and their applications in CO ₂ capture. Nanoscale, 2019, 11, 5365-5376.	5.6	23
11	Synthesis of High Surface Area Carbon Nanospheres with Wrinkled Cages and Their CO ₂ Capture Studies. ChemistrySelect, 2018, 3, 10684-10688.	1.5	12
12	Crystal Structure Directed Catalysis by Aluminum Metal-Organic Framework: Mechanistic Insight into the Role of Coordination of Al Sites and Entrance Size of Catalytic Pocket. , 2020, 2, 699-704.		7
13	Cobalt Single Atom Heterogeneous Catalyst: Method of Preparation, Characterization, Catalysis, and Mechanism. , 2019, , .		3
14	Graphene-based Nanocatalysts for Oxygen Reduction and Evolution Reactions in Metal-oxygen Batteries. Current Catalysis, 2018, 7, 158-166.	0.5	1
15	Carbon aerogels for environmental remediation. , 2021, , 217-243.		1
16	Enhanced proton acceleration using hollow silica nano-sphere coated targets. Physics of Plasmas, 2020, 27, 063108.	1.9	0