

Chrystelle Salameh

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,093
citations

567281

15
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1748
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Sulfur Vacancies and Undercoordinated Mo Regions in MoS ₂ Nanosheets toward the Evolution of Hydrogen. ACS Nano, 2019, 13, 6824-6834.	14.6	402
2	Enhanced sieving from exfoliated MoS ₂ membranes via covalent functionalization. Nature Materials, 2019, 18, 1112-1117.	27.5	196
3	Atomic layer deposition of Pd nanoparticles on self-supported carbon-Ni/NiO-Pd nanofiber electrodes for electrochemical hydrogen and oxygen evolution reactions. Journal of Colloid and Interface Science, 2020, 569, 286-297.	9.4	68
4	Preparation of polymer-derived Si-B-C-N monoliths by spark plasma sintering technique. Journal of the European Ceramic Society, 2015, 35, 1361-1374.	5.7	49
5	Molecular Chemistry and Engineering of Boron-Modified Polyorganosilazanes as New Processable and Functional SiBCN Precursors. Chemistry - A European Journal, 2017, 23, 9076-9090.	3.3	42
6	Monodisperse platinum nanoparticles supported on highly ordered mesoporous silicon nitride nanoblocks: superior catalytic activity for hydrogen generation from sodium borohydride. RSC Advances, 2015, 5, 58943-58951.	3.6	41
7	Boron nitride ceramics from molecular precursors: synthesis, properties and applications. Dalton Transactions, 2016, 45, 861-873.	3.3	41
8	Preparation, Characterization, and Surface Modification of Periodic Mesoporous Silicon-Aluminum-Carbon-Nitrogen Frameworks. Chemistry of Materials, 2013, 25, 3957-3970.	6.7	40
9	Dispersion of colloidal TiO ₂ nanoparticles on mesoporous materials targeting photocatalysis applications. Catalysis Today, 2015, 257, 35-40.	4.4	33
10	Plasmon-mediated chemical surface functionalization at the nanoscale. Nanoscale, 2016, 8, 8633-8640.	5.6	25
11	Investigation of polymer-derived Si(B)-C-N ceramic/reduced graphene oxide composite systems as active catalysts towards the hydrogen evolution reaction. Scientific Reports, 2020, 10, 22003.	3.3	24
12	Robust 3D Boron Nitride Nanoscaffolds for Remarkable Hydrogen Storage Capacity from Ammonia Borane. Energy Technology, 2018, 6, 570-577.	3.8	22
13	Palladium/Carbon Nanofibers by Combining Atomic Layer Deposition and Electrospinning for Organic Pollutant Degradation. Materials, 2020, 13, 1947.	2.9	20
14	Nanostructured Boron Nitride: From Molecular Design to Hydrogen Storage Application. Inorganics, 2014, 2, 396-409.	2.7	19
15	Molecular-Level Processing of Si(B)-C Materials with Tailored Nano/Microstructures. Chemistry - A European Journal, 2017, 23, 17103-17117.	3.3	18
16	Molecular design of melt-spinnable co-polymers as Si-B-C-N fiber precursors. Dalton Transactions, 2017, 46, 13510-13523.	3.3	16
17	Origin of transparency in scattering biomimetic collagen materials. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11947-11953.	7.1	13
18	Design and Manufacturing of Si-Based Non-Oxide Cellular Ceramic Structures through Indirect 3D Printing. Materials, 2022, 15, 471.	2.9	12

#	ARTICLE	IF	CITATIONS
19	Chemistry of a series of aluminum-modified polysilazanes: Synthesis, pyrolysis behaviour and microstructural evolution. Journal of the European Ceramic Society, 2019, 39, 183-194.	5.7	11