Chrystelle Salameh

List of Publications by Year
in descending order

19	1,093	567281 15	752698 20
papers	citations	h-index	g-index

20	20	20	1748
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Design and Manufacturing of Si-Based Non-Oxide Cellular Ceramic Structures through Indirect 3D Printing. Materials, 2022, 15, 471.	2.9	12
2	Investigation of polymer-derived Siâ€“(B)â€“Câ€“N ceramic/reduced graphene oxide composite systems as active catalysts towards the hydrogen evolution reaction. Scientific Reports, 2020, 10, 22003.	3.3	24
3	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
4	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
5	Palladium/Carbon Nanofibers by Combining Atomic Layer Deposition and Electrospinning for Organic Pollutant Degradation. Materials, 2020, 13, 1947.	2.9	20
6	Enhanced sieving from exfoliated MoS2 membranes via covalent functionalization. Nature Materials, 2019, 18, 1112-1117.	27.5	196
7	Role of Sulfur Vacancies and Undercoordinated Mo Regions in MoS₂ Nanosheets toward the Evolution of Hydrogen. ACS Nano, 2019, 13, 6824-6834.	14.6	402
8	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
9	Robust 3D Boron Nitride Nanoscaffolds for Remarkable Hydrogen Storage Capacity from Ammonia Borane. Energy Technology, 2018, 6, 570-577.	3.8	22
10	Molecular Chemistry and Engineering of Boronâ€Modified Polyorganosilazanes as New Processable and Functional SiBCN Precursors. Chemistry - A European Journal, 2017, 23, 9076-9090.	3.3	42
11	Molecularâ€Level Processing of Siâ€(B)â€C Materials with Tailored Nano/Microstructures. Chemistry - A European Journal, 2017, 23, 17103-17117.	3.3	18
12	Molecular design of melt-spinnable co-polymers as Siâ€“Bâ€“Câ€“N fiber precursors. Dalton Transactions, 2017, 46, 13510-13523.	3.3	16
13	Plasmon-mediated chemical surface functionalization at the nanoscale. Nanoscale, 2016, 8, 8633-8640.	5.6	25
14	Boron nitride ceramics from molecular precursors: synthesis, properties and applications. Dalton Transactions, 2016, 45, 861-873.	3.3	41
15	Preparation of polymer-derived Siâ€“Bâ€“Câ€“N monoliths by spark plasma sintering technique. Journal of the European Ceramic Society, 2015, 35, 1361-1374.	5.7	49
16	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
17	Dispersion of colloidal TiO2 nanoparticles on mesoporous materials targeting photocatalysis applications. Catalysis Today, 2015, 257, 35-40.	4.4	33
18	Nanostructured Boron Nitride: From Molecular Design to Hydrogen Storage Application. Inorganics, 2014, 2, 396-409.	2.7	19

#	Article	IF	Citations
19	Preparation, Characterization, and Surface Modification of Periodic Mesoporous Siliconâ€“Aluminumâ€“Carbonâ€“Nitrogen Frameworks. Chemistry of Materials, 2013, 25, 3957-3970.	6.7	40