Yanyan Zhao

List of Publications by Year
in descending order

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		623734	839539
19	772	14	18
papers	citations	h-index	g-index

19	19	19	822
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Review on Battery Market Trends, Second-Life Reuse, and Recycling. Sustainable Chemistry, 2021, 2, 167-205.	4.7	197
2	Raman spectroscopy and characterisation of Î±â€gallium oxyhydroxide and Î²â€gallium oxide nanorods. Journal of Raman Spectroscopy, 2008, 39, 1494-1501.	2.5	86
3	Size and Morphology Control of Gallium Oxide Hydroxide GaO(OH), Nano- to Micro-Sized Particles by Soft-Chemistry Route without Surfactant. Journal of Physical Chemistry C, 2008, 112, 3568-3579.	3.1	82
4	Effect of membrane pretreatment on performance of solvent resistant nanofiltration membranes in methanol solutions. Journal of Membrane Science, 2006, 280, 195-201.	8.2	55
5	Synthesis and Characterization of Gallium Oxide Nanostructures via a Soft-Chemistry Route. Journal of Physical Chemistry C, 2007, 111, 16290-16299.	3.1	51
6	Growth and Surface Properties of Boehmite Nanofibers and Nanotubes at Low Temperatures Using a Hydrothermal Synthesis Route. Langmuir, 2007, 23, 9850-9859.	3.5	48
7	A comparison of nanofiltration with aqueous and organic solvents. Journal of Membrane Science, 2006, 279, 453-458.	8.2	46
8	Infrared and infrared emission spectroscopy of gallium oxide Î±-GaO(OH) nanostructures. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 74, 398-403.	3.9	37
9	Synthesis, Characterization, and Surface Properties of Iron-Doped Boehmite Nanofibers. Langmuir, 2007, 23, 2110-2116.	3.5	32
10	Raman spectroscopy of the transition of Î±â€gallium oxyhydroxide to Î²â€gallium oxide nanorods. Journal of Raman Spectroscopy, 2008, 39, 1327-1331.	2.5	31
11	Gallium-Doped Boehmite Nanotubes and Nanoribbons. A TEM, EDX, XRD, BET, and TG Study. Journal of Physical Chemistry C, 2007, 111, 5313-5324.	3.1	29
12	XRD, TEM and thermal analysis of Fe doped boehmite nanofibres and nanosheets. Journal of Thermal Analysis and Calorimetry, 2007, 90, 755-760.	3.6	23
13	XRD, TEM and thermal analysis of yttrium doped boehmite nanofibres and nanosheets. Journal of Thermal Analysis and Calorimetry, 2008, 94, 219-226.	3.6	15
14	Synthesis and surface characterization of yttrium doped boehmite nanofibers. Journal of Colloid and Interface Science, 2008, 326, 289-299.	9.4	14
15	Surface analysis, TEM, dynamic and controlled rate thermal analysis, and infrared emission spectroscopy of gallium doped boehmite nanofibres and nanosheets. Applied Surface Science, 2009, 255, 7925-7936.	6.1	12
16	Synthesis, characterization and thermal analysis of Fe-doped boehmite nanofibres and nanosheets. Journal of Materials Science, 2009, 44, 3662-3673.	3.7	5
17	Development of the Rotating Liquid Sheet Contactor: Fundamental Studies and Modeling of Single Liquid Sheets from Slotted Tubes. Industrial & Engineering Chemistry Research, 2019, 58, 20066-20080.	3.7	5
18	XRD, TEM and Thermal Analysis of Yttrium Doped Boehmite Nanofibres. Journal of Nanoscience and Nanotechnology, 2009, 9, 3181-3187.	0.9	4

#	Article	IF	Citations
19	Synthesis and characterisation of iron doped boehmite nanofibres, nanotubes and nanosheets. , 2006, , .		0