

Yanyan Zhao

List of Publications by Year in descending order

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19
times ranked

822
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review on Battery Market Trends, Second-Life Reuse, and Recycling. <i>Sustainable Chemistry</i> , 2021, 2, 167-205.	4.7	197
2	Development of the Rotating Liquid Sheet Contactor: Fundamental Studies and Modeling of Single Liquid Sheets from Slotted Tubes. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 20066-20080.	3.7	5
3	Surface analysis, TEM, dynamic and controlled rate thermal analysis, and infrared emission spectroscopy of gallium doped boehmite nanofibres and nanosheets. <i>Applied Surface Science</i> , 2009, 255, 7925-7936.	6.1	12
4	Synthesis, characterization and thermal analysis of Fe-doped boehmite nanofibres and nanosheets. <i>Journal of Materials Science</i> , 2009, 44, 3662-3673.	3.7	5
5	Infrared and infrared emission spectroscopy of gallium oxide γ -GaO(OH) nanostructures. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 74, 398-403.	3.9	37
6	XRD, TEM and Thermal Analysis of Yttrium Doped Boehmite Nanofibres. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 3181-3187.	0.9	4
7	XRD, TEM and thermal analysis of yttrium doped boehmite nanofibres and nanosheets. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 94, 219-226.	3.6	15
8	Raman spectroscopy of the transition of γ -gallium oxyhydroxide to β -gallium oxide nanorods. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 1327-1331.	2.5	31
9	Raman spectroscopy and characterisation of γ -gallium oxyhydroxide and β -gallium oxide nanorods. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 1494-1501.	2.5	86
10	Synthesis and surface characterization of yttrium doped boehmite nanofibers. <i>Journal of Colloid and Interface Science</i> , 2008, 326, 289-299.	9.4	14
11	Size and Morphology Control of Gallium Oxide Hydroxide GaO(OH), Nano- to Micro-Sized Particles by Soft-Chemistry Route without Surfactant. <i>Journal of Physical Chemistry C</i> , 2008, 112, 3568-3579.	3.1	82
12	Growth and Surface Properties of Boehmite Nanofibers and Nanotubes at Low Temperatures Using a Hydrothermal Synthesis Route. <i>Langmuir</i> , 2007, 23, 9850-9859.	3.5	48
13	Gallium-Doped Boehmite Nanotubes and Nanoribbons. A TEM, EDX, XRD, BET, and TG Study. <i>Journal of Physical Chemistry C</i> , 2007, 111, 5313-5324.	3.1	29
14	Synthesis, Characterization, and Surface Properties of Iron-Doped Boehmite Nanofibers. <i>Langmuir</i> , 2007, 23, 2110-2116.	3.5	32
15	Synthesis and Characterization of Gallium Oxide Nanostructures via a Soft-Chemistry Route. <i>Journal of Physical Chemistry C</i> , 2007, 111, 16290-16299.	3.1	51
16	XRD, TEM and thermal analysis of Fe doped boehmite nanofibres and nanosheets. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 90, 755-760.	3.6	23
17	Synthesis and characterisation of iron doped boehmite nanofibres, nanotubes and nanosheets. , 2006, , .		0
18	Effect of membrane pretreatment on performance of solvent resistant nanofiltration membranes in methanol solutions. <i>Journal of Membrane Science</i> , 2006, 280, 195-201.	8.2	55

#	ARTICLE	IF	CITATIONS
19	A comparison of nanofiltration with aqueous and organic solvents. Journal of Membrane Science, 2006, 279, 453-458.	8.2	46