

Xiaomin Ni

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9117071/publications.pdf>

Version: 2024-02-01

21
papers

580
citations

687363

13
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

698
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Hierarchical Nanostructures of Nickel: Self-Assembly of Hexagonal Nanoplatelets. <i>Journal of Physical Chemistry C</i> , 2007, 111, 601-605.	3.1	81
2	A Novel Chemical Reduction Route towards the Synthesis of Crystalline Nickel Nanoflowers from a Mixed Source. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 4788-4793.	2.0	71
3	A new type of fire suppressant powder of NaHCO ₃ /zeolite nanocomposites with core-shell structure. <i>Fire Safety Journal</i> , 2009, 44, 968-975.	3.1	61
4	Silica-coated iron nanocubes: Preparation, characterization and application in microwave absorption. <i>Journal of Colloid and Interface Science</i> , 2010, 341, 18-22.	9.4	55
5	Synthesis and electrochemical properties of different sizes of the CuO particles. <i>Journal of Nanoparticle Research</i> , 2008, 10, 839-844.	1.9	53
6	Preparation of Fe (core)/SiO ₂ (shell) composite particles with improved oxidation-resistance. <i>Materials Research Bulletin</i> , 2006, 41, 1424-1429.	5.2	42
7	Application of water@silica core-shell particles for suppressing gasoline pool fires. <i>Journal of Hazardous Materials</i> , 2018, 341, 20-27.	12.4	35
8	Evaluation of the effect of water mist on propane/air mixture deflagration: Large-scale test. <i>Chemical Engineering Research and Design</i> , 2021, 147, 1101-1109.	5.6	27
9	Experimental and numerical study on attenuation of thermal radiation from large-scale pool fires by water mist curtain. <i>Journal of Fire Sciences</i> , 2015, 33, 269-289.	2.0	22
10	Numerical simulation of wood crib fire behavior in a confined space using cone calorimeter data. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 119, 2291-2303.	3.6	21
11	Citrate-assisted synthesis of prickly nickel microwires and their surface modification with silver. <i>Journal of Colloid and Interface Science</i> , 2007, 307, 554-558.	9.4	19
12	A Facile Non-hydrothermal Fabrication of Uniform Ni-MoO_3 Nanowires in High Yield. <i>Chemistry Letters</i> , 2008, 37, 336-337.	1.3	18
13	Complexant-assisted Fabrication of Flowery Assembly of Hexagonal Close-packed Cobalt Nanoplatelets. <i>Chemistry Letters</i> , 2007, 36, 908-909.	1.3	16
14	Laser-based measurement and numerical simulation of methane-air jet flame suppression with water mist. <i>Chemical Engineering Research and Design</i> , 2021, 148, 1033-1047.	5.6	15
15	Reticular Nickel Microwires with Assembled Nanostructures: Synthesis, Magnetism and Catalysis for the Growth of Carbon Nanotubes. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 422-428.	2.0	13
16	Extinguishment of sodium fires with Graphite@Stearate core-shell structured particles. <i>Fire Safety Journal</i> , 2020, 111, 102933.	3.1	10
17	Experimental study on the characteristics of wood crib fire in a confined space with different ventilation conditions. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 120, 1383-1391.	3.6	9
18	Discussions on Applying Dry Powders to Suppress Tall Building Fires. <i>Journal of Applied Fire Science</i> , 2008, 18, 155-191.	0.0	5

#	ARTICLE	IF	CITATIONS
19	Sonication-mediated assembly/disassembly of prickly microspheres of metallic nickel. <i>Journal of Alloys and Compounds</i> , 2009, 481, 764-767.	5.5	3
20	Ammonia-Assisted Fabrication of Flowery Nanostructures of Metallic Nickel Assembled from Hexagonal Platelets. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 677-682.	2.0	2
21	Evaluating the suppression effectiveness of hybrid nitrogen and water mist with a cup burner coflowing flame. <i>Fire and Materials</i> , 2022, 46, 388-396.	2.0	2