

Maria E Kalyva

List of Publications by Year in descending order

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19
papers

2,763
citations

840776

11
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

5320
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlation between surface chemistry and morphology of PtCu and Pt nanoparticles during oxidation-reduction cycle. <i>Applied Surface Science</i> , 2020, 532, 147369.	6.1	11
2	One-pot synthesis of cobalt-rhenium nanoparticles taking the unusual \hat{I}^2 -Mn type structure. <i>Nanoscale Advances</i> , 2020, 2, 1850-1853.	4.6	5
3	Engineering Functions into Platinum and Platinum-Rhodium Nanoparticles in a One-Step Microwave Irradiation Synthesis. <i>ChemistryOpen</i> , 2017, 6, 273-281.	1.9	6
4	Burst nucleation by hot injection for size controlled synthesis of \hat{I} -cobalt nanoparticles. <i>Chemistry Central Journal</i> , 2016, 10, 10.	2.6	16
5	Electrical response from nanocomposite PDMS-Ag NPs generated by <i>in situ</i> laser ablation in solution. <i>Nanotechnology</i> , 2013, 24, 035707.	2.6	16
6	Reversible Amorphous-to-Amorphous Transitions in Chalcogenide Films: Correlating Changes in Structure and Optical Properties. <i>Advanced Functional Materials</i> , 2013, 23, 2052-2059.	14.9	20
7	Water-Repellent Cellulose Fiber Networks with Multifunctional Properties. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 4024-4031.	8.0	103
8	Tuning of the characteristics of Au nanoparticles produced by solid target laser ablation into water by changing the irradiation parameters. <i>Microscopy Research and Technique</i> , 2010, 73, 937-943.	2.2	16
9	The Effect of Irradiation Wavelength on the Quality of CdS Nanocrystals Formed Directly into PMMA Matrix. <i>Journal of Physical Chemistry C</i> , 2010, 114, 13985-13990.	3.1	19
10	Ag diffusion in amorphous As ₅₀ Se ₅₀ films studied by XPS. <i>Journal of Non-Crystalline Solids</i> , 2009, 355, 1844-1848.	3.1	12
11	Chemical oxidation of multiwalled carbon nanotubes. <i>Carbon</i> , 2008, 46, 833-840.	10.3	2,376
12	Soft x-ray induced Ag diffusion in amorphous pulse laser deposited As ₅₀ Se ₅₀ thin films: An x-ray photoelectron and secondary ion mass spectroscopy study. <i>Journal of Applied Physics</i> , 2008, 104, 043704.	2.5	7
13	Covalently functionalized carbon nanotubes as macroinitiators for radical polymerization. <i>Physica Status Solidi (B): Basic Research</i> , 2007, 244, 4046-4050.	1.5	28
14	Electronic and structural changes induced by irradiation or annealing in pulsed laser deposited As ₅₀ Se ₅₀ films. An XPS and UPS study. <i>Journal of Physics and Chemistry of Solids</i> , 2007, 68, 906-910.	4.0	8
15	Photoemission studies of As _x Se _{100-x} (x: 0, 50, 100) films prepared by pulsed-laser deposition—the effect of annealing. <i>Journal of Physics Condensed Matter</i> , 2006, 18, 5525-5534.	1.8	13
16	Nano-scale annealing-induced structural changes in As-rich pulsed laser deposited As _x Se _{100-x} films studied by XPS. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 1520-1524.	3.1	13
17	Photoswitches operating upon ns pulsed laser irradiation. <i>Applied Surface Science</i> , 2005, 248, 56-61.	6.1	9
18	All-Optical Reversible Actuation of Photochromic-Polymer Microsystems. <i>Advanced Materials</i> , 2005, 17, 988-992.	21.0	85

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19	Optomechanical cycles of photochromic-polymer microsystems induced by laser irradiation. , 2003, , .		0