

Maria E Kalyva

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3327262/maria-e-kalyva-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

2,431
citations

11
h-index

19
g-index

19
ext. papers

2,598
ext. citations

6.2
avg, IF

4.16
L-index

#	Paper	IF	Citations
18	Chemical oxidation of multiwalled carbon nanotubes. <i>Carbon</i> , 2008 , 46, 833-840	10.4	2082
17	Water-repellent cellulose fiber networks with multifunctional properties. <i>ACS Applied Materials & Interfaces</i> , 2011 , 3, 4024-31	9.5	95
16	All-Optical Reversible Actuation of Photochromic-Polymer Microsystems. <i>Advanced Materials</i> , 2005 , 17, 988-992	24	83
15	Covalently functionalized carbon nanotubes as macroinitiators for radical polymerization. <i>Physica Status Solidi (B): Basic Research</i> , 2007 , 244, 4046-4050	1.3	26
14	Reversible Amorphous-to-Amorphous Transitions in Chalcogenide Films: Correlating Changes in Structure and Optical Properties. <i>Advanced Functional Materials</i> , 2013 , 23, 2052-2059	15.6	17
13	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	3.8	16
12	Burst nucleation by hot injection for size controlled synthesis of Cobalt nanoparticles. <i>Chemistry Central Journal</i> , 2016 , 10, 10		15
11	Electrical response from nanocomposite PDMS-Ag NPs generated by in situ laser ablation in solution. <i>Nanotechnology</i> , 2013 , 24, 035707	3.4	14
10	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	3.9	13
9	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	12
8	Ag diffusion in amorphous As ₅₀ Se ₅₀ films studied by XPS. <i>Journal of Non-Crystalline Solids</i> , 2009 , 355, 1844-1848	3.9	11
7	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, 937-43	2.8	11
6	Photoswitches operating upon ns pulsed laser irradiation. <i>Applied Surface Science</i> , 2005 , 248, 56-61	6.7	9
5	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	3.9	8
4	Engineering Functions into Platinum and Platinum-Rhodium Nanoparticles in a One-Step Microwave Irradiation Synthesis. <i>ChemistryOpen</i> , 2017 , 6, 273-281	2.3	5
3	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	5
2	Correlation between surface chemistry and morphology of PtCu and Pt nanoparticles during oxidation-reduction cycle. <i>Applied Surface Science</i> , 2020 , 532, 147369	6.7	5

- 1 One-pot synthesis of cobalt-iron nanoparticles taking the unusual FMn type structure. *Nanoscale Advances*, **2020**, 2, 1850-1853 5.1 4