

# Maria E Kalyva

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3327262/publications.pdf>

Version: 2024-02-01

19  
papers

2,763  
citations

840585

11  
h-index

839398

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

5320  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical oxidation of multiwalled carbon nanotubes. <i>Carbon</i> , 2008, 46, 833-840.	5.4	2,376
2	Water-Repellent Cellulose Fiber Networks with Multifunctional Properties. <i>ACS Applied Materials &amp; Interfaces</i> , 2011, 3, 4024-4031.	4.0	103
3	All-Optical Reversible Actuation of Photochromic-Polymer Microsystems. <i>Advanced Materials</i> , 2005, 17, 988-992.	11.1	85
4	Covalently functionalized carbon nanotubes as macroinitiators for radical polymerization. <i>Physica Status Solidi (B): Basic Research</i> , 2007, 244, 4046-4050.	0.7	28
5	Reversible Amorphous-to-Amorphous Transitions in Chalcogenide Films: Correlating Changes in Structure and Optical Properties. <i>Advanced Functional Materials</i> , 2013, 23, 2052-2059.	7.8	20
6	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.	1.5	19
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, 937-943.	1.2	16
8	Electrical response from nanocomposite PDMS-Ag NPs generated by <i>in situ</i> laser ablation in solution. <i>Nanotechnology</i> , 2013, 24, 035707.	1.3	16
9	Burst nucleation by hot injection for size controlled synthesis of $\mu$ -cobalt nanoparticles. <i>Chemistry Central Journal</i> , 2016, 10, 10.	2.6	16
10	Photoemission studies of $As_xSe_{100-x}$ (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.	0.7	13
11	Nano-scale annealing-induced structural changes in As-rich pulsed laser deposited $As_xSe_{100-x}$ films studied by XPS. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 1520-1524.	1.5	13
12	Ag diffusion in amorphous $As_{50}Se_{50}$ films studied by XPS. <i>Journal of Non-Crystalline Solids</i> , 2009, 355, 1844-1848.	1.5	12
13	Correlation between surface chemistry and morphology of PtCu and Pt nanoparticles during oxidation-reduction cycle. <i>Applied Surface Science</i> , 2020, 532, 147369.	3.1	11
14	Photoswitches operating upon ns pulsed laser irradiation. <i>Applied Surface Science</i> , 2005, 248, 56-61.	3.1	9
15	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.	1.9	8
16	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.	1.1	7
17	Engineering Functions into Platinum and Platinum-Rhodium Nanoparticles in a One-Step Microwave Irradiation Synthesis. <i>ChemistryOpen</i> , 2017, 6, 273-281.	0.9	6
18	One-pot synthesis of cobalt-rhenium nanoparticles taking the unusual $\beta$ -Mn type structure. <i>Nanoscale Advances</i> , 2020, 2, 1850-1853.	2.2	5

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