Andriy M Dmytruk

List of Publications by Year
in descending order

32	649	687363 13	580821 25
papers	citations	h-index	g-index

32	32	32	955
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Size-dependent melting of spherical copper nanoparticles embedded in a silica matrix. Physical Review B, 2007, 75, .	3.2	138
2	Size-Selective Growth and Stabilization of Small CdSe Nanoparticles in Aqueous Solution. ACS Nano, 2010, 4, 121-128.	14.6	100
3	Influence of annealing conditions on size and optical properties of copper nanoparticles embedded in silica matrix. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2007, 137, 247-254.	3.5	81
4	Aqueous Phase Synthesized CdSe Nanoparticles with Well-Defined Numbers of Constituent Atoms. Journal of Physical Chemistry C, 2010, 114, 18834-18840.	3.1	77
5	ZnO clusters: Laser ablation production and time-of-flight mass spectroscopic study. Microelectronics Journal, 2009, 40, 218-220.	2.0	43
6	Optical properties of solâ€“gel fabricated Ni/SiO2 glass nanocomposites. Journal of Physics and Chemistry of Solids, 2008, 69, 1615-1622.	4.0	25
7	Optical properties of solâ€“gel fabricated Co/SiO2 nanocomposites. Physica E: Low-Dimensional Systems and Nanostructures, 2008, 41, 60-65.	2.7	21
8	X-Ray Absorption of Gold Nanoparticles with Thin Silica Shell. Journal of Nanoscience and Nanotechnology, 2006, 6, 3503-3506.	0.9	17
9	Optical absorption, induced bleaching, and photoluminescence of CdSe nanoplatelets grown in cadmium octanoate matrix. Nanoscale Research Letters, 2014, 9, 88.	5.7	17
10	ZnO nested shell magic clusters as tetrapod nuclei. RSC Advances, 2017, 7, 21933-21942.	3.6	16
11	Preparation of a porous ITO electrode. Journal of Photochemistry and Photobiology A: Chemistry, 2004, 164, 173-177.	3.9	15
12	Aqueous-Phase Synthesis of Ultra-Stable Small CdSe Nanoparticles. Journal of Nanoscience and Nanotechnology, 2007, 7, 3750-3753.	0.9	14
13	Experimental and Computational Studies of the Structure of CdSe Magic-Size Clusters. Journal of Physical Chemistry A, 2020, 124, 3398-3406.	2.5	14
14	Surface Plasmon as a Probe of Local Field Enhancement. Plasmonics, 2009, 4, 115-119.	3.4	13
15	Concentrated Colloids of Silica-Encapsulated Gold Nanoparticles: Colloidal Stability, Cytotoxicity, and X-ray Absorption. Journal of Nanoscience and Nanotechnology, 2007, 7, 2690-2695.	0.9	12
16	Silicon Subiodide Clusters. Journal of Nanoscience and Nanotechnology, 2007, 7, 3788-3791.	0.9	7
17	Optical properties of solâ€“gel fabricated Mn/SiO2 nanocomposites: Observation of surface plasmon resonance in Mn nanoparticles. Applied Surface Science, 2008, 254, 2736-2742.	6.1	7
18	Nature of Linear Spectral Properties and Fast Electronic Relaxations in Green Fluorescent Pyrrolo[3,4-c]Pyridine Derivative. International Journal of Molecular Sciences, 2021, 22, 5592.	4.1	6

#	Article	IF	Citations
19	Optically induced anisotropy of surface plasmons in spherical metal nanoparticles. Physical Review B, 2010, 82, .	3.2	5
20	Laser-induced polymerization of SiI4. Chemical Physics Letters, 2007, 450, 1-5.	2.6	4
21	Formation and Characterization of Sub-Nanometer Scale cF8 Ge Precipitates in Si-Based Amorphous Matrix. Journal of Nanoscience and Nanotechnology, 2009, 9, 5865-5869.	0.9	3
22	Upconversion fluorescence assisted visualization of femtosecond laser filaments in Er-doped chalcohalide 65GeS2-25Ga2S3-10CsCl glass. Optics and Laser Technology, 2019, 119, 105621.	4.6	3
23	Nature of Fast Relaxation Processes and Spectroscopy of a Membrane-Active Peptide Modified with Fluorescent Amino Acid Exhibiting Excited State Intramolecular Proton Transfer and Efficient Stimulated Emission. ACS Omega, 2021, 6, 10119-10128.	3.5	3
24	Preparation of a Translucent, Conductive, Porous Nanocomposite. Journal of the American Ceramic Society, 2003, 86, 1991-1993.	3.8	2
25	Zinc peroxide precursor for ZnO clusters. Materialwissenschaft Und Werkstofftechnik, 2009, 40, 265-267.	0.9	2
26	Spectral Investigation of Physical Adsorption in Porous Glass. Surface Review and Letters, 2003, 10, 289-293.	1.1	1
27	On the Structure of Atomic Clusters: Selection of Calculation Methods to Match Mass Spectra. Advanced Materials Research, 0, 1117, 26-30.	0.3	1
28	Emission from silicon as a real-time figure of merit for laser-induced periodic surface structure formation. Journal Physics D: Applied Physics, 2021, 54, 265102.	2.8	1
29	Clusters of Cesiumâ€“Leadâ€“Iodide Perovskites in the Zeolite Matrix. ACS Omega, 2021, 6, 27711-27715.	3.5	1
30	Photothermal Sorption of Gases in Porous Glass. Surface Review and Letters, 2003, 10, 283-288.	1.1	0
31	Optical recording in copperâ€“silica nanocomposite. Applied Surface Science, 2014, 302, 66-68.	6.1	0
32	Atomic Composition, Structure, and Vibrational Spectra of Germanium Clusters Terminated by Iodine. Journal of Cluster Science, 2015, 26, 877-888.	3.3	0