

Andriy M Dmytruk

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1410806/publications.pdf>

Version: 2024-02-01

32
papers

649
citations

687363

13
h-index

580821

25
g-index

32
all docs

32
docs citations

32
times ranked

955
citing authors

#	ARTICLE	IF	CITATIONS
1	Emission from silicon as a real-time figure of merit for laser-induced periodic surface structure formation. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 265102.	2.8	1
2	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. <i>ACS Omega</i> , 2021, 6, 10119-10128.	3.5	3
3	Nature of Linear Spectral Properties and Fast Electronic Relaxations in Green Fluorescent Pyrrolo[3,4-c]Pyridine Derivative. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5592.	4.1	6
4	Clusters of Cesium-Lead-Iodide Perovskites in the Zeolite Matrix. <i>ACS Omega</i> , 2021, 6, 27711-27715.	3.5	1
5	Experimental and Computational Studies of the Structure of CdSe Magic-Size Clusters. <i>Journal of Physical Chemistry A</i> , 2020, 124, 3398-3406.	2.5	14
6	Upconversion fluorescence assisted visualization of femtosecond laser filaments in Er-doped chalcogenide 65GeS ₂ -25Ga ₂ S ₃ -10CsCl glass. <i>Optics and Laser Technology</i> , 2019, 119, 105621.	4.6	3
7	ZnO nested shell magic clusters as tetrapod nuclei. <i>RSC Advances</i> , 2017, 7, 21933-21942.	3.6	16
8	Atomic Composition, Structure, and Vibrational Spectra of Germanium Clusters Terminated by Iodine. <i>Journal of Cluster Science</i> , 2015, 26, 877-888.	3.3	0
9	Optical recording in copper-silica nanocomposite. <i>Applied Surface Science</i> , 2014, 302, 66-68.	6.1	0
10	Optical absorption, induced bleaching, and photoluminescence of CdSe nanoplatelets grown in cadmium octanoate matrix. <i>Nanoscale Research Letters</i> , 2014, 9, 88.	5.7	17
11	Aqueous Phase Synthesized CdSe Nanoparticles with Well-Defined Numbers of Constituent Atoms. <i>Journal of Physical Chemistry C</i> , 2010, 114, 18834-18840.	3.1	77
12	Size-Selective Growth and Stabilization of Small CdSe Nanoparticles in Aqueous Solution. <i>ACS Nano</i> , 2010, 4, 121-128.	14.6	100
13	Optically induced anisotropy of surface plasmons in spherical metal nanoparticles. <i>Physical Review B</i> , 2010, 82, .	3.2	5
14	Zinc peroxide precursor for ZnO clusters. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2009, 40, 265-267.	0.9	2
15	Surface Plasmon as a Probe of Local Field Enhancement. <i>Plasmonics</i> , 2009, 4, 115-119.	3.4	13
16	ZnO clusters: Laser ablation production and time-of-flight mass spectroscopic study. <i>Microelectronics Journal</i> , 2009, 40, 218-220.	2.0	43
17	Formation and Characterization of Sub-Nanometer Scale cF8 Ge Precipitates in Si-Based Amorphous Matrix. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 5865-5869.	0.9	3
18	Optical properties of sol-gel fabricated Mn/SiO ₂ nanocomposites: Observation of surface plasmon resonance in Mn nanoparticles. <i>Applied Surface Science</i> , 2008, 254, 2736-2742.	6.1	7

#	ARTICLE	IF	CITATIONS
19	Optical properties of sol-gel fabricated Co/SiO ₂ nanocomposites. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008, 41, 60-65.	2.7	21
20	Optical properties of sol-gel fabricated Ni/SiO ₂ glass nanocomposites. <i>Journal of Physics and Chemistry of Solids</i> , 2008, 69, 1615-1622.	4.0	25
21	Concentrated Colloids of Silica-Encapsulated Gold Nanoparticles: Colloidal Stability, Cytotoxicity, and X-ray Absorption. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 2690-2695.	0.9	12
22	Silicon Subiodide Clusters. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 3788-3791.	0.9	7
23	Aqueous-Phase Synthesis of Ultra-Stable Small CdSe Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 3750-3753.	0.9	14
24	Size-dependent melting of spherical copper nanoparticles embedded in a silica matrix. <i>Physical Review B</i> , 2007, 75, .	3.2	138
25	Laser-induced polymerization of SiI ₄ . <i>Chemical Physics Letters</i> , 2007, 450, 1-5.	2.6	4
26	Influence of annealing conditions on size and optical properties of copper nanoparticles embedded in silica matrix. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2007, 137, 247-254.	3.5	81
27	X-Ray Absorption of Gold Nanoparticles with Thin Silica Shell. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 3503-3506.	0.9	17
28	Preparation of a porous ITO electrode. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2004, 164, 173-177.	3.9	15
29	Preparation of a Translucent, Conductive, Porous Nanocomposite. <i>Journal of the American Ceramic Society</i> , 2003, 86, 1991-1993.	3.8	2
30	Photothermal Sorption of Gases in Porous Glass. <i>Surface Review and Letters</i> , 2003, 10, 283-288.	1.1	0
31	Spectral Investigation of Physical Adsorption in Porous Glass. <i>Surface Review and Letters</i> , 2003, 10, 289-293.	1.1	1
32	On the Structure of Atomic Clusters: Selection of Calculation Methods to Match Mass Spectra. <i>Advanced Materials Research</i> , 0, 1117, 26-30.	0.3	1