

AarÃ³n Israel DÃ-az Cano

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1239572/publications.pdf>

Version: 2024-02-01

23
papers

346
citations

759190

12
h-index

794568

19
g-index

23
all docs

23
docs citations

23
times ranked

294
citing authors

#	ARTICLE	IF	CITATIONS
1	Luminescence, structure and aging c-axis â€œ Oriented silver doped ZnO nanocrystalline films. <i>Materials Science in Semiconductor Processing</i> , 2018, 79, 99-106.	4.0	5
2	Magnetic domain interactions of Fe ₃ O ₄ nanoparticles embedded in a SiO ₂ matrix. <i>Scientific Reports</i> , 2018, 8, 5096.	3.3	35
3	Impact of Substrate Types on Structure and Emission of ZnO Nanocrystalline Films. <i>Journal of Electronic Materials</i> , 2018, 47, 4249-4253.	2.2	4
4	Photoluminescence and Raman scattering study in ZnO:Cu nanocrystals. <i>Journal of Luminescence</i> , 2015, 161, 25-30.	3.1	31
5	Emission of CdSe/ZnS and CdSeTe/ZnS quantum dots conjugated to IgG antibodies. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2013, 51, 60-64.	2.7	6
6	â€œWhiteâ€•emission of ZnO nanosheets with thermal annealing. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2013, 51, 24-28.	2.7	29
7	Structure and emission transformations in ZnO nanosheets at thermal annealing. <i>Journal of Physics and Chemistry of Solids</i> , 2013, 74, 431-435.	4.0	21
8	Electronic effects in Emission of core/shell CdSe/ZnS Quantum dots conjugated to anti-Interleukin 10 antibodies. <i>Materials Research Society Symposia Proceedings</i> , 2013, 1534, A133-A138.	0.1	0
9	Emission modification in ZnO nanosheets at thermal annealing. <i>Materials Research Society Symposia Proceedings</i> , 2013, 1534, A151-A157.	0.1	0
10	Emission related to exciton-polariton coupling in porous SiC. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2011, 8, 1974-1977.	0.8	2
11	Effect of boundary conditions on the energy spectra of semiconductor quantum dots calculated in the effective mass approximation. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2010, 42, 2264-2267.	2.7	17
12	Peculiarities of Raman scattering in bioconjugated CdSe/ZnS quantum dots. <i>Nanotechnology</i> , 2010, 21, 134016.	2.6	22
13	Optical and structural properties of SiC nanocrystals. <i>Journal of Materials Science: Materials in Electronics</i> , 2008, 19, 682-686.	2.2	10
14	Comparative investigation of optical and structural properties of porous SiC. <i>Microelectronics Journal</i> , 2008, 39, 494-498.	2.0	4
15	Porous SiC layers on Si nanowire surface. <i>Microelectronics Journal</i> , 2008, 39, 507-511.	2.0	5
16	Size dependent photoluminescence of SiC nanocrystals. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 2272-2275.	3.1	13
17	Optical and structural evaluation of SiC nanocrystallites. <i>Journal of Physics: Conference Series</i> , 2007, 61, 243-246.	0.4	3
18	Raman scattering and SEM study of bio-conjugated core-shell CdSe/ZnS quantum dots. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2007, 4, 241-243.	0.8	28

#	ARTICLE	IF	CITATIONS
19	Photoluminescence and Raman spectroscopy in porous SiC. Microelectronics Journal, 2005, 36, 536-538.	2.0	21
20	Magnetic field effect on the visible photoluminescence of porous silicon. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 3314-3318.	0.8	4
21	Raman-scattering and structure investigations on porous SiC layers. Journal of Applied Physics, 2005, 97, 033507.	2.5	30
22	Hot carriers and excitation of Si/SiOx interface defect photoluminescence in Si nanocrystallites. Physica B: Condensed Matter, 2003, 340-342, 1113-1118.	2.7	27
23	Defect related photoluminescence in Si wires. Physica B: Condensed Matter, 2001, 308-310, 1108-1112.	2.7	29