

Vasilina Rocheva

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

268
citations

1040056

9
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

434
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulsed laser reshaping and fragmentation of upconversion nanoparticles from hexagonal prisms to 1D nanorods through "Medusa"-like structures. Nano Research, 2021, 14, 1141-1148.	10.4	6
2	Local Overheating of Biotissue Labeled With Upconversion Nanoparticles Under Yb ³⁺ Resonance Excitation. Frontiers in Chemistry, 2020, 8, 295.	3.6	15
3	Upconversion Nanoparticles: Synthesis, Photoluminescence Properties, and Applications. Nanotechnologies in Russia, 2020, 15, 655-678.	0.7	8
4	Polymerization Assisted by Upconversion Nanoparticles under NIR Light. Molecules, 2019, 24, 2476.	3.8	21
5	Three-Dimensional Luminescence Tomographic Visualization of Biological Tissues. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2019, 126, 92-94.	0.6	2
6	Deferred Registration of Nanophosphor Photoluminescence As a Platform for Optical Bioimaging. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2019, 126, 95-101.	0.6	2
7	High-resolution 3D photopolymerization assisted by upconversion nanoparticles for rapid prototyping applications. Scientific Reports, 2018, 8, 3663.	3.3	73
8	Upconversion nanoparticles with anti-Stokes luminescence as bioimaging agents. EPJ Web of Conferences, 2018, 190, 04005.	0.3	2
9	Emerging upconversion nanoparticles for industry and biomedical application. EPJ Web of Conferences, 2018, 190, 03005.	0.3	0
10	Ultraviolet phototoxicity of upconversion nanoparticles illuminated with near-infrared light. Nanoscale, 2017, 9, 14921-14928.	5.6	28
11	PEG-modified upconversion nanoparticles for in vivo optical imaging of tumors. RSC Advances, 2016, 6, 30089-30097.	3.6	43
12	LUMINESCENCE DIAGNOSTICS OF TUMORS WITH UPCONVERSION NANOPARTICLES. AlĖmanah KliniĖeskoj Mediciny, 2016, , 227-233.	0.3	4
13	Biocompatible upconversion ink for hidden anticounterfeit labeling. Nanotechnologies in Russia, 2015, 10, 904-909.	0.7	9
14	Ion energy spectrum control in modified cross-beam pulsed laser deposition method. Technical Physics Letters, 2011, 37, 69-71.	0.7	7
15	Specific character of the 119Sn thin films growth on amorphous Si by the CBPLD method. Laser Physics, 2011, 21, 624-629.	1.2	0
16	Modified crossed-beam PLD method for the control of ion energy spectrum. Laser Physics, 2011, 21, 619-623.	1.2	1
17	Ternary alloys Cd _y Zn _{1-y} O and Mg _x Zn _{1-x} O as materials for optoelectronics. Physics of the Solid State, 2011, 53, 467-471.	0.6	10
18	Fabrication of black multicrystalline silicon surface by nanosecond laser ablation. Applied Physics B: Lasers and Optics, 2011, 105, 545-550.	2.2	24

#	ARTICLE	IF	CITATIONS
19	Formation of low-reflection multicrystalline silicon surface by laser-induced structuring for application on silicon solar cells. Proceedings of SPIE, 2010, , .	0.8	2
20	Epitaxial growth and properties of Mg _x Zn _{1-x} O films produced by pulsed laser deposition. Semiconductors, 2010, 44, 246-250.	0.5	9
21	Probe studies of laser erosion plume arising at silicon ablation in vacuum. Technical Physics, 2010, 55, 491-495.	0.7	2