Eduard I Madirov

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1001679/publications.pdf

Version: 2024-02-01

22	138	1478505 6	1199594 12
papers	citations	h-index	g-index

22	22	22	125
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An up-conversion luminophore with high quantum yield and brightness based on BaF₂:Yb³⁺,Er³⁺ single crystals. Journal of Materials Chemistry C, 2021, 9, 3493-3503.	5.5	34
2	Ratiometric Luminescent Thermometry with Excellent Sensitivity over a Broad Temperature Range Utilizing Thermallyâ€Assisted and Multiphoton Upconversion in Triplyâ€Doped La₂O₃:Yb³⁺/Er³⁺/Nd³⁺. Advanced Optical Materials, 2021, 9, 2001901.	7.3	27
3	Harvesting Sub-bandgap Photons via Upconversion for Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2021, 13, 54874-54883.	8.0	24
4	The influence of Information Technologies on the Availability of Cultural Heritage. Procedia, Social and Behavioral Sciences, 2015, 188, 255-258.	0.5	14
5	Coordination mechanism of cyanine dyes on the surface of core@active shell Î²-NaGdF₄:Yb³⁺,Er³⁺ nanocrystals and its role in enhancing upconversion luminescence. Journal of Materials Chemistry C, 2021, 9, 16313-16323.	5.5	10
6	Down-conversion luminescence of Ce-Yb ions in YF3. Optical Materials, 2019, 95, 109256.	3.6	7
7	Down-conversion luminescence of Yb3+ in novel Ba4Y3F17:Yb:Ce solid solution by excitation of Ce3+ in UV spectral range. Optical Materials, 2020, 108, 110185.	3.6	6
8	Luminescence of GdF3:Pr:Yb and YF3:Pr:Yb Solid Solutions Synthesized by Crystallization from the Melt. Journal of Applied Spectroscopy, 2019, 86, 795-801.	0.7	5
9	Synthesis and down-conversion luminescence investigation of CaF2:Yb:Ce powders for photonics. Journal of Fluorine Chemistry, 2019, 222-223, 46-50.	1.7	5
10	Spectral-Kinetic Properties and Energy Transfer in Nanoparticles of Y0.5â€“xCe0.5TbxF3 Solid Solution. Journal of Applied Spectroscopy, 2020, 87, 481-487.	0.7	3
11	Scientific Discoveries as Drivers for Sustainable Development of a Region. Procedia, Social and Behavioral Sciences, 2015, 188, 202-205.	0.5	1
12	Luminescence decay of Sm:LaF3@LaF3 core-shell crystalline nanoparticles. EPJ Web of Conferences, 2017, 161, 03012.	0.3	1
13	Investigation of Ce3+ Impurity Centers in UV Active Media Ce:LiCaAlF6 and Ce:LiSr0.8Ca0.2AlF6. Physics of the Solid State, 2019, 61, 742-746.	0.6	1
14	Ce3+ doped LiYF4 nanoparticles fabrication by laser ablation. EPJ Web of Conferences, 2017, 161, 03014.	0.3	0
15	Peculiarities of luminescence decay of Ce:LaF3 nanoparticles depending on conditions of hydrothermal treatment. EPJ Web of Conferences, 2017, 161, 03013.	0.3	0
16	Possible Ways to Control the Luminescent Properties of LaF₃ Nanoparticles Doped with Rare-Earth Ions. , 2018, , .		0
17	Spectral-kinetic properties of YF3-CeF3: Eu3+/Tb3+ nanoparticles as possible sensitizers of PDT dyes. EPJ Web of Conferences, 2019, 220, 03022.	0.3	0
18	Synthesis and Luminescence of Sr1â€“ x â€“ yYbxEuyF2+ x + y Solid Solutions for Photonics. Inorganic Materials, 2019, 55, 1031-1038.	0.8	0

#	Article	IF	Citations
19	Optical amplification and laser generation in LiCa1-xSrxAlF6 solid solutions doped with Ce3+ ions. , 2019, , .		0
20	The role of photochemical transformations of tetrahydrobiopterin in the pathogenesis and phototherapy of vitiligo. , 2019, , .		0
21	Ð¯ÑÐ»ÐµÐ¾Ð¾Ð²Ð°Ð½Ð¸Ðµ Ð»ÑŽÐ¼Ð¸Ð½ÐµÑ†ÐµÐ½Ñ†Ð¸Ð¸ Ð²ÐµÑ€Ñ…Ð½Ð¸Ñ… Ñ€Ð°ÑÑ‚Ð²Ð¾Ñ€Ð¾Ð² Ð¾Ñ€Ð³Ð°Ð½Ð¸Ñ‡		0
22	Near infrared down-conversion luminescence of Ba4Y3F17:Yb3+:Eu3+ nanoparticles under ultraviolet excitation. Nanosystems: Physics, Chemistry, Mathematics, 2020, 11, 316-323.	0.4	0