

Eduard I Madirov

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

138
citations

1478505

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1199594

12
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125
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#	ARTICLE	IF	CITATIONS
1	Coordination mechanism of cyanine dyes on the surface of core@active shell $\text{F}_2\text{-NaGdF}_4\text{:Yb}^{3+},\text{Er}^{3+}$ nanocrystals and its role in enhancing upconversion luminescence. <i>Journal of Materials Chemistry C</i> , 2021, 9, 16313-16323.	5.5	10
2	An up-conversion luminophore with high quantum yield and brightness based on $\text{BaF}_2\text{:Yb}^{3+},\text{Er}^{3+}$ single crystals. <i>Journal of Materials Chemistry C</i> , 2021, 9, 3493-3503.	5.5	34
3	Ratiometric Luminescent Thermometry with Excellent Sensitivity over a Broad Temperature Range Utilizing Thermally Assisted and Multiphoton Upconversion in Triply Doped $\text{La}_2\text{O}_3\text{:Yb}^{3+},\text{Er}^{3+},\text{Nd}^{3+}$. <i>Advanced Optical Materials</i> , 2021, 9, 2001901.	7.3	27
4	Harvesting Sub-bandgap Photons via Upconversion for Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 54874-54883.	8.0	24
5	Spectral-Kinetic Properties and Energy Transfer in Nanoparticles of $\text{Y}_0.5\text{Ce}_{0.5}\text{TbF}_3$ Solid Solution. <i>Journal of Applied Spectroscopy</i> , 2020, 87, 481-487.	0.7	3
6	Down-conversion luminescence of Yb^{3+} in novel $\text{Ba}_4\text{Y}_3\text{F}_{17}\text{:Yb:Ce}$ solid solution by excitation of Ce^{3+} in UV spectral range. <i>Optical Materials</i> , 2020, 108, 110185.	3.6	6
7			
8	Near infrared down-conversion luminescence of $\text{Ba}_4\text{Y}_3\text{F}_{17}\text{:Yb}^{3+}:\text{Eu}^{3+}$ nanoparticles under ultraviolet excitation. <i>Nanosystems: Physics, Chemistry, Mathematics</i> , 2020, 11, 316-323.	0.4	0
9	Down-conversion luminescence of Ce-Yb ions in YF_3 . <i>Optical Materials</i> , 2019, 95, 109256.	3.6	7
10	Spectral-kinetic properties of $\text{YF}_3\text{-CeF}_3\text{:Eu}^{3+}/\text{Tb}^{3+}$ nanoparticles as possible sensitizers of PDT dyes. <i>EPJ Web of Conferences</i> , 2019, 220, 03022.	0.3	0
11	Synthesis and Luminescence of $\text{Sr}_{1-x}\text{Y}_x\text{Eu}_y\text{F}_{2+x+y}$ Solid Solutions for Photonics. <i>Inorganic Materials</i> , 2019, 55, 1031-1038.	0.8	0
12	Luminescence of $\text{GdF}_3\text{:Pr:Yb}$ and $\text{YF}_3\text{:Pr:Yb}$ Solid Solutions Synthesized by Crystallization from the Melt. <i>Journal of Applied Spectroscopy</i> , 2019, 86, 795-801.	0.7	5
13	Investigation of Ce^{3+} Impurity Centers in UV Active Media Ce:LiCaAlF_6 and $\text{Ce:LiSr}_0.8\text{Ca}_{0.2}\text{AlF}_6$. <i>Physics of the Solid State</i> , 2019, 61, 742-746.	0.6	1
14	Synthesis and down-conversion luminescence investigation of $\text{CaF}_2\text{:Yb:Ce}$ powders for photonics. <i>Journal of Fluorine Chemistry</i> , 2019, 222-223, 46-50.	1.7	5
15	Optical amplification and laser generation in $\text{LiCa}_{1-x}\text{Sr}_x\text{AlF}_6$ solid solutions doped with Ce^{3+} ions. , 2019, , .		0
16	The role of photochemical transformations of tetrahydrobiopterin in the pathogenesis and phototherapy of vitiligo. , 2019, , .		0
17	Possible Ways to Control the Luminescent Properties of LaF_3 Nanoparticles Doped with Rare-Earth Ions. , 2018, , .		0
18	Luminescence decay of $\text{Sm:LaF}_3@LaF_3$ core-shell crystalline nanoparticles. <i>EPJ Web of Conferences</i> , 2017, 161, 03012.	0.3	1

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19	Ce ³⁺ doped LiYF ₄ nanoparticles fabrication by laser ablation. EPJ Web of Conferences, 2017, 161, 03014.	0.3	0
20	Peculiarities of luminescence decay of Ce:LaF ₃ nanoparticles depending on conditions of hydrothermal treatment. EPJ Web of Conferences, 2017, 161, 03013.	0.3	0
21	Scientific Discoveries as Drivers for Sustainable Development of a Region. Procedia, Social and Behavioral Sciences, 2015, 188, 202-205.	0.5	1
22	The influence of Information Technologies on the Availability of Cultural Heritage. Procedia, Social and Behavioral Sciences, 2015, 188, 255-258.	0.5	14