

Julia Ermakova

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

234
citations

933264

10
h-index

1125617

13
g-index

14
all docs

14
docs citations

14
times ranked

174
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Up-Converting Luminescent Nanoparticles with Increased Quantum Yield Incorporated into the Fluoropolymer Matrix on Solanum lycopersicum Growth. Agronomy, 2022, 12, 108.	1.3	14
2	Synthesis of SrF ₂ :Yb:Er ceramic precursor powder by co-precipitation from aqueous solution with different fluorinating media: NaF, KF and NH ₄ F. Dalton Transactions, 2022, 51, 5448-5456.	1.6	7
3	Cultivation of Solanum lycopersicum under Glass Coated with Nanosized Upconversion Luminophore. Applied Sciences (Switzerland), 2021, 11, 10726.	1.3	10
4	Algorithm for calculation of up-conversion luminophores mixtures chromaticity coordinates. Journal of Fluorine Chemistry, 2020, 237, 109607.	0.9	3
5	Up-conversion quantum yields of SrF ₂ :Yb ³⁺ ,Er ³⁺ sub-micron particles prepared by precipitation from aqueous solution. Journal of Materials Chemistry C, 2018, 6, 598-604.	2.7	61
6	Upconversion luminescence of Ca ¹⁺ Ho ^x F _{2+x} and Sr _{0.98} Er _{0.02} Ho ^x F _{2.02+x} powders upon excitation by an infrared laser. Laser Physics Letters, 2017, 14, 076003.	0.6	18
7	Preparation of nanodispersed fluorite-type Sr ¹⁺ R _x F _{2+x} (R=Er, Yb, Ho) phases from citrate solutions. Journal of Fluorine Chemistry, 2017, 194, 8-15.	0.9	14
8	Efficient visible range SrF ₂ :Yb:Er- and SrF ₂ :Yb:Tm-based up-conversion luminophores. Journal of Fluorine Chemistry, 2017, 194, 16-22.	0.9	19
9	Synthesis of CaF ₂ ∞YF ₃ nanopowders by coprecipitation from aqueous solutions. Nanosystems: Physics, Chemistry, Mathematics, 2017, , 462-470.	0.2	3
10	Upconversion microparticles as time-resolved luminescent probes for multiphoton microscopy: desired signal extraction from the streaking effect. Journal of Biomedical Optics, 2016, 21, 096002.	1.4	15
11	Pulsed periodic laser excitation of upconversion luminescence for deep biotissue visualization. Laser Physics, 2016, 26, 084001.	0.6	15
12	New Sr ¹⁺ x ^z R _x (NH ₄) _z F _{2+x^z} (R=ÅYb, Er) solid solution as precursor for high efficiency up-conversion luminophor and optical ceramics on the base of strontium fluoride. Materials Chemistry and Physics, 2016, 172, 150-157.	2.0	26
13	Preparation and characterization of strontium fluoride powders activated by neodymium fluoride. Scientific and Technical Journal of Information Technologies, Mechanics and Optics, 2015, , 578-586.	0.1	0
14	White light luminophores based on Yb ³⁺ /Er ³⁺ /Tm ³⁺ -coactivated strontium fluoride powders. Materials Chemistry and Physics, 2014, 148, 201-207.	2.0	29