

Upendra Kumar Kagola

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

2,185
citations

331538

21
h-index

360920

35
g-index

38
all docs

38
docs citations

38
times ranked

2047
citing authors

#	ARTICLE	IF	CITATIONS
1	BiLaWO6: Er ³⁺ /Tm ³⁺ /Yb ³⁺ phosphor: Study of multiple fluorescence intensity ratiometric thermometry at cryogenic temperatures. <i>Ceramics International</i> , 2022, 48, 31344-31353.	2.3	7
2	Role of heat treatment on the structural and luminescence properties of Yb ³⁺ /Ln ³⁺ (Ln = Tm, Ho and Er) co-doped LaF ₃ nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 24535-24543.	1.3	9
3	LaF ₃ core/shell nanoparticles for subcutaneous heating and thermal sensing in the second biological-window. <i>Applied Physics Letters</i> , 2016, 108, .	1.5	78
4	Unveiling in Vivo Subcutaneous Thermal Dynamics by Infrared Luminescent Nanothermometers. <i>Nano Letters</i> , 2016, 16, 1695-1703.	4.5	265
5	Real-time deep-tissue thermal sensing with sub-degree resolution by thermally improved Nd ³⁺ :LaF ₃ multifunctional nanoparticles. <i>Journal of Luminescence</i> , 2016, 175, 149-157.	1.5	71
6	Self-monitored photothermal nanoparticles based on core-shell engineering. <i>Nanoscale</i> , 2016, 8, 3057-3066.	2.8	107
7	Neodymium-doped nanoparticles for infrared fluorescence bioimaging: The role of the host. <i>Journal of Applied Physics</i> , 2015, 118, .	1.1	102
8	Yb ³⁺ /Tm ³⁺ co-doped NaNbO ₃ nanocrystals as three-photon-excited luminescent nanothermometers. <i>Sensors and Actuators B: Chemical</i> , 2015, 213, 65-71.	4.0	120
9	Luminescence and thermal lensing characterization of singly Eu ³⁺ and Tm ³⁺ doped Y ₂ O ₃ transparent ceramics. <i>Journal of Luminescence</i> , 2015, 161, 306-312.	1.5	28
10	Intratumoral Thermal Reading During Photo-thermal Therapy by Multifunctional Fluorescent Nanoparticles. <i>Advanced Functional Materials</i> , 2015, 25, 615-626.	7.8	274
11	Three- and two-photon upconversion luminescence switching in Tm ³⁺ /Yb ³⁺ -codoped sodium niobate nanophosphor. <i>Journal of Nanophotonics</i> , 2014, 8, 083093.	0.4	14
12	Temperature and amino acid-assisted size- and morphology-controlled photochemical synthesis of silver decahedral nanoparticles. <i>Journal of Experimental Nanoscience</i> , 2014, 9, 639-651.	1.3	6
13	Neodymium-doped LaF ₃ Nanoparticles for Fluorescence Bioimaging in the Second Biological Window. <i>Small</i> , 2014, 10, 1141-1154.	5.2	185
14	Spectroscopy and radiation trapping of Yb ³⁺ ions in lead phosphate glasses. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2014, 140, 37-47.	1.1	36
15	Nd ³⁺ doped LaF ₃ nanoparticles as self-monitored photo-thermal agents. <i>Applied Physics Letters</i> , 2014, 104, 053703.	1.5	116
16	Dy ³⁺ -doped zinc fluorophosphate glasses for white luminescence applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 113, 145-153.	2.0	141
17	Spectroscopic investigation and heat generation of Yb ³⁺ /Ho ³⁺ codoped aluminosilicate glasses looking for the emission at 2.14 μm. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2013, 30, 1322.	0.9	9
18	Spectroscopic properties of Dy ³⁺ and Er ³⁺ -doped oxyfluoride glasses for white light emitting diodes. <i>Materials Express</i> , 2013, 3, 61-70.	0.2	127

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19	Two Photon Thermal Sensing in Er ³⁺ /Yb ³⁺ Co-Doped Nanocrystalline NaNbO ₃ . Journal of Nanoscience and Nanotechnology, 2013, 13, 6841-6845.	0.9	18
20	Spectroscopy and 1.47 μ m emission properties of Tm ³⁺ -doped metaphosphate laser glasses. Materials Express, 2013, 3, 71-78.	0.2	15
21	Multicolor Upconversion Emission and Color Tunability in Tm ³⁺ /Er ³⁺ /Yb ³⁺ Tri-Doped NaNbO ₃ Nanocrystals. Materials Express, 2012, 2, 294-302.	0.2	21
22	Optical properties of Ho ³⁺ ions in lead phosphate glasses. Optical Materials, 2012, 35, 102-107.	1.7	65
23	Structural investigation and luminescence of nanocrystalline lanthanide doped NaNbO ₃ and Na _{0.5} K _{0.5} NbO ₃ . Journal of Solid State Chemistry, 2012, 196, 1-10.	1.4	14
24	White and UV Emission from Swift Ion Irradiation Modified Zinc Oxide-Porous Silicon Nanocomposite through Cathodoluminescence Spectroscopy. Physics Procedia, 2012, 29, 12-17.	1.2	2
25	Fluorescence and Spectroscopic Properties of Yb ³⁺ -Doped Phosphate Glasses. Physics Procedia, 2012, 29, 109-113.	1.2	8
26	Synthesis, Structural Properties and Upconversion Emission of Er ³⁺ and Er ³⁺ /Yb ³⁺ Doped Nanocrystalline NaNbO ₃ . Science of Advanced Materials, 2012, 4, 584-590.	0.1	16
27	Gold nanoparticles surface modification using BSA and cysteine. Proceedings of SPIE, 2011, , .	0.8	0
28	Luminescence properties of Eu ³⁺ ions in phosphate-based bioactive glasses. Solid State Sciences, 2011, 13, 1309-1314.	1.5	28
29	Optical properties of Dy ³⁺ -doped P ₂ O ₅ - K ₂ O~MgO/MgF ₂ ~Al ₂ O ₃ glasses. Physics Procedia, 2011, 13, 70-73.	1.2	32
30	Non-linear niobate nanocrystals for two-photon imaging. Optical Materials, 2011, 33, 258-266.	1.7	17
31	Optical and fluorescence spectroscopy of Eu ₂ O ₃ -doped P ₂ O ₅ ~K ₂ O~KF~MO~Al ₂ O ₃ (M = Mg, Sr and Ba) glasses. Optics Communications, 2011, 284, 2909-2914.	1.0	47
32	Effect of pressure on luminescence properties of Sm ³⁺ ions in potassium niobate tellurite glass. Journal of Luminescence, 2008, 128, 718-720.	1.5	16
33	Spectroscopic and 1.06 μ m laser properties of Nd ³⁺ -doped K~Sr~Al phosphate and fluorophosphate glasses. Journal of Alloys and Compounds, 2008, 458, 509-516.	2.8	67
34	Photoluminescence from the 5D ₄ level of Tb ³⁺ ions in K~Ba~Al fluorophosphate glass under pressure. Journal of Non-Crystalline Solids, 2007, 353, 1813-1817.	1.5	6
35	1.55 μ m emission and upconversion properties of Er ³⁺ -doped oxyfluorotellurite glasses. Chemical Physics Letters, 2007, 445, 162-166.	1.2	34
36	Fluorescence properties of Nd ³⁺ -doped tellurite glasses. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2007, 67, 702-708.	2.0	84