

Reetu Elza Joseph

List of Publications by Year in descending order

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9
papers

277
citations

1040056

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h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

343
citing authors

#	ARTICLE	IF	CITATIONS
1	Upâ€Conversion Fluorescent Labels for Plastic Recycling: A Review. <i>Advanced Sustainable Systems</i> , 2017, 1, 1600033.	5.3	70
2	Highly Efficient La ₂ O ₃ :Yb ³⁺ , Tm ³⁺ Single-Band NIR-to-NIR Upconverting Microcrystals for Anti-Counterfeiting Applications. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 39851-39859.	8.0	57
3	Excitonically Coupled States in Crystalline Coordination Networks. <i>Chemistry - A European Journal</i> , 2017, 23, 14316-14322.	3.3	30
4	Ratiometric Luminescent Thermometry with Excellent Sensitivity over a Broad Temperature Range Utilizing Thermallyâ€Assisted and Multiphoton Upconversion in Triplyâ€Doped La ₂ O ₃ :Yb ³⁺ /Er ³⁺ /Nd ³⁺ . <i>Advanced Optical Materials</i> , 2021, 9, 2001901.	7.3	27
5	Critical Power Density: A Metric To Compare the Excitation Power Density Dependence of Photon Upconversion in Different Inorganic Host Materials. <i>Journal of Physical Chemistry A</i> , 2019, 123, 6799-6811.	2.5	26
6	A method for correcting the excitation power density dependence of upconversion emission due to laser-induced heating. <i>Optical Materials</i> , 2018, 82, 65-70.	3.6	23
7	Guest-responsive polaritons in a porous framework: chromophoric sponges in optical QED cavities. <i>Chemical Science</i> , 2020, 11, 7972-7978.	7.4	16
8	High Quantum Yield Singleâ€Band Green Upconversion in La ₂ O ₃ :Yb ³⁺ , Ho ³⁺ Microcrystals for Anticounterfeiting and Plastic Recycling. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1800462.	2.3	15
9	Bright constant color upconversion based on dual 980 and 1550Ånm excitation of SrF ₂ :Yb ³⁺ , Er ³⁺ and ² -NaYF ₄ :Yb ³⁺ , Er ³⁺ micropowdersâ€ considerations for persistence of vision displays. <i>Optical Materials</i> , 2021, 111, 110598.	3.6	12