

Venkata Nanda Kishor Babu Adusumalli

List of Publications by Citations

Source:

<https://exaly.com/author-pdf/13768/venkata-nanda-kishor-babu-adusumalli-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

392
citations

9
h-index

19
g-index

21
ext. papers

440
ext. citations

4.7
avg, IF

3.77
L-index

#	Paper	IF	Citations
21	Microwave synthesis, photoluminescence, and photocatalytic activity of PVA-functionalized Eu ³⁺ -doped BiOX (X = Cl, Br, I) nanoflakes. <i>Langmuir</i> , 2014 , 30, 1401-9	4	115
20	Highly Selective and Sensitive Detection of Cu(2+) Ions Using Ce(III)/Tb(III)-Doped SrF ₂ Nanocrystals as Fluorescent Probe. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 25702-8	9.5	81
19	3,5-Dinitrobenzoic acid-capped upconverting nanocrystals for the selective detection of melamine. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 7833-9	9.5	33
18	Near-infrared light triggered superior photocatalytic activity from MoS ₂ -NaYF ₄ :Yb(3+)/Er(3+) nanocomposites. <i>Dalton Transactions</i> , 2016 , 45, 12384-92	4.3	26
17	Enhanced visible and near infrared emissions via Ce(3+) to Ln(3+) energy transfer in Ln(3+)-doped CeF ₃ nanocrystals (Ln = Nd and Sm). <i>Dalton Transactions</i> , 2016 , 45, 78-84	4.3	25
16	Ce ³⁺ sensitized bright white light emission from colloidal Ln ³⁺ doped CaF ₂ nanocrystals for the development of transparent nanocomposites. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 2289-2294	7.1	21
15	Methyl oleate-capped upconverting nanocrystals: a simple and general ligand exchange strategy to render nanocrystals dispersible in aqueous and organic medium. <i>Langmuir</i> , 2015 , 31, 5521-8	4	15
14	Strong Single-Band Blue Emission from Colloidal Ce(3+) /Tm(3+) -Doped NaYF ₄ Nanocrystals for Light-Emitting Applications. <i>ChemPhysChem</i> , 2015 , 16, 2312-6	3.2	13
13	Tuning the Energy Transfer Efficiency between Ce and Ln Ions (Ln=Tm, Sm, Tb, Dy) by Controlling the Crystal Phase of NaYF ₄ Nanocrystals. <i>Chemistry - A European Journal</i> , 2017 , 23, 994-1000	4.8	10
12	Intense NIR emissions at 0.8 μ m, 1.47 μ m, and 1.53 μ m from colloidal LiYbF ₄ :Ln(3+) (Ln = Tm(3+) and Er(3+)) nanocrystals. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 17577-83	3.6	9
11	4-Mercaptobenzoic acid capped terbium(III)-doped CaF ₂ nanocrystals: a fluorescent probe for nitroaromatic pollutants. <i>Mikrochimica Acta</i> , 2019 , 186, 389	5.8	8
10	Ce -Sensitized Tm /Mn -Doped NaYF ₄ Colloidal Nanocrystals: Intense Cool White Light from a Phosphor-Coated UV LED. <i>Chemistry - A European Journal</i> , 2017 , 23, 18134-18139	4.8	8
9	EDTA functionalization of SrF ₂ :Yb,Er nanoparticles by hydrothermal synthesis: Intense red upconversion, NIR-to-NIR emission and luminescence nanothermometry characteristics. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 20376-20392	2.1	6
8	Double bond terminated Ln ³⁺ -doped LiYF ₄ nanocrystals with strong single band NIR emission: simple click chemistry route to make water dispersible nanocrystals with various functional groups. <i>New Journal of Chemistry</i> , 2016 , 40, 3080-3085	3.6	5
7	Gallic acid capped Tb ³⁺ -doped CaF ₂ nanocrystals: an efficient optical probe for the detection of carbonate and bicarbonate ions. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 4267-4274	7.1	5
6	Red-emitting cyclometalated platinum(II) complexes with imidazolyl phenanthrolines: Synthesis and photophysical properties. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018 , 361, 86-92	4.7	3
5	Classification of Transitions in Upconversion Luminescence of Lanthanides by Two-Dimensional Correlation Analysis. <i>Journal of Physical Chemistry A</i> , 2019 , 123, 2457-2461	2.8	3

- 4 3,5-Dihydroxy Benzoic Acid-Capped CaF:Tb Nanocrystals as Luminescent Probes for the WO Ion in Aqueous Solution. *ACS Omega*, **2020**, 5, 4568-4575 3.9 2
- 3 Structural and optical studies of strong red emitting $\text{Na}_x\text{ScF}_3+x:\text{Yb}^{3+},\text{Er}^{3+}$ upconversion nanoparticles **2019**, 2
- 2 Panchromatic Ru(II)-polypyridyl complexes as NIR emitters. *New Journal of Chemistry*, **2019**, 43, 14669-14673 3.6 1
- 1 Ligand-Sensitised LaF:Eu and SrF:Eu Nanoparticles and in Vitro Haemocompatibility Studies. *ChemMedChem*, **2021**, 16, 1640-1650 3.7 1