

Danilo Mustafa

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Stability improvement of Cu ₃ (BTC) ₂ metal-organic frameworks under steaming conditions by encapsulation of a Keggin polyoxometalate. <i>Chemical Communications</i> , 2011, 47, 8037.	2.2	98
2	Effect of Keggin polyoxometalate on Cu(II) speciation and its role in the assembly of Cu ₃ (BTC) ₂ metal-organic framework. <i>Journal of Materials Chemistry</i> , 2011, 21, 9768.	6.7	33
3	Highly luminescent Eu ³⁺ -doped benzenetricarboxylate based materials. <i>Journal of Luminescence</i> , 2016, 170, 364-368.	1.5	21
4	Hierarchical self-supported ZnAlEu LDH nanotubes hosting luminescent CdTe quantum dots. <i>Chemical Communications</i> , 2017, 53, 7341-7344.	2.2	19
5	Eu@COK-16, a host sensitized, hybrid luminescent metal-organic framework. <i>Dalton Transactions</i> , 2014, 43, 13480-13484.	1.6	18
6	COK-16: A Cation-Exchanging Metal-Organic Framework Hybrid. <i>ChemPlusChem</i> , 2013, 78, 402-406.	1.3	15
7	Eu ³⁺ or Sm ³⁺ -Doped terbium-trimesic acid MOFs: Highly efficient energy transfer anhydrous luminophors. <i>Optical Materials</i> , 2018, 84, 123-129.	1.7	14
8	Structural characterization of ZnO/ Er ₂ O ₃ core/shell nanowires. <i>Superlattices and Microstructures</i> , 2007, 42, 403-408.	1.4	12
9	Enhanced luminescence in ZnAlEu layered double hydroxides with interlamellar carboxylate and β ² -diketone ligands. <i>Journal of Alloys and Compounds</i> , 2019, 771, 578-583.	2.8	12
10	Erbium enhanced formation and growth of photoluminescent Er/Si nanocrystals. <i>Thin Solid Films</i> , 2013, 536, 196-201.	0.8	11
11	Y ₂ O ₃ :SO ₄ :Eu ³⁺ nano-luminophore obtained by low temperature thermolysis of trivalent rare earth 5-sulfoisophthalate precursors. <i>Ceramics International</i> , 2018, 44, 15700-15705.	2.3	11
12	Luminescent Layered Double Hydroxides Intercalated with an Anionic Photosensitizer via the Memory Effect. <i>Crystals</i> , 2019, 9, 153.	1.0	11
13	Coordination of Eu ³⁺ Activators in ZnAlEu Layered Double Hydroxides Intercalated by Isophthalate and Nitrilotriacetate. <i>ACS Omega</i> , 2020, 5, 23778-23785.	1.6	9
14	Enhanced Self-Assembly of Metal Oxides and Metal-Organic Frameworks from Precursors with Magnetohydrodynamically Induced Long-Lived Collective Spin States. <i>Advanced Materials</i> , 2014, 26, 5173-5178.	11.1	8
15	Synthesis, characterization and Judd-Ofelt analysis of Sm ³⁺ -doped anhydrous Yttrium trimesate MOFs and their Y ₂ O ₃ :Sm ³⁺ low temperature calcination products. <i>Journal of Luminescence</i> , 2019, 210, 335-341.	1.5	8
16	Red (Eu ³⁺), Green (Tb ³⁺) and Ultraviolet (Gd ³⁺) Emitting Nitrilotriacetate Complexes Prepared by One-step Synthesis. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2014, 69, 231-238.	0.3	7
17	Investigation of the structure-luminescence relationship in ZnAlEu layered double hydroxides intercalated with nitrate and benzenecarboxylates. <i>Applied Clay Science</i> , 2020, 199, 105861.	2.6	7
18	Photoluminescence of Er-doped silicon nanoparticles from sputtered SiO _x thin films. <i>Optical Materials</i> , 2006, 28, 842-845.	1.7	5

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19	Chromate-Mediated One-Step Quantitative Transformation of PW_{12} into P_2W_{20} Polyoxometalates. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 3852-3858.	1.0	5
20	Resonant structures based on amorphous silicon suboxide doped with Er^{3+} with silicon nanoclusters for an efficient emission at 1550 nm. <i>Journal of Vacuum Science & Technology B</i> , 2009, 27, L38.	1.3	3
21	Nanostructured $CeO_2:Eu^{3+}$ luminophore obtained by low temperature benzenetricarboxylate method. <i>Optical Materials</i> , 2018, 76, 48-55.	1.7	3
22	Mesostructuring layered materials: self-supported mesoporous layered double hydroxide nanotubes. <i>Nanoscale</i> , 2021, 13, 11781-11792.	2.8	3
23	A class of novel luminescent layered double hydroxide nanotubes. <i>RSC Advances</i> , 2021, 11, 24747-24751.	1.7	3
24	Low Temperature Synthesis of Luminescent $RE_2O_3:Eu^{3+}$ Nanomaterials Using Trimellitic Acid Precursors. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	2
25	Structural and optical properties of pillared Eu^{3+} -containing layered double hydroxides intercalated by 2- to 12-carbon aliphatic dicarboxylates. <i>Journal of Rare Earths</i> , 2022, 40, 260-267.	2.5	2
26	Erbium Environment in $ZnO:Er$ Polycrystalline Fibers Produced by Electrospinning. <i>Materials Research Society Symposia Proceedings</i> , 2007, 1035, 1.	0.1	0
27	Impact of Si nanocrystals in $a-SiO_x$ Er^{3+} in C-band emission for applications in resonators structures. , 2007, , .		0
28	Self-Assembly: Enhanced Self-Assembly of Metal Oxides and Metal-Organic Frameworks from Precursors with Magnetohydrodynamically Induced Long-Lived Collective Spin States (<i>Adv. Mater.</i> 30/2014). <i>Advanced Materials</i> , 2014, 26, 5223-5223.	11.1	0
29	Luminescence enhancement by water replacement in $Eu@COK-16$ metal organic framework. <i>Journal of Luminescence</i> , 2020, 227, 117549.	1.5	0