

Anna Kaczmarek

List of Publications by Year in Descending Order

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

83
papers

1,914
citations

25
h-index

39
g-index

92
ext. papers

2,363
ext. citations

7.7
avg, IF

5.67
L-index

#	Paper	IF	Citations
83	The importance, status, and perspectives of hybrid lanthanide-doped upconversion nanothermometers for theranostics.. <i>Chemical Communications</i> , 2022 ,	5.8	2
82	Hybrid Nanocomposites Formed by Lanthanide Nanoparticles in Zr-MOF for Local Temperature Measurements during Catalytic Reactions. <i>Chemistry of Materials</i> , 2021 , 33, 8007-8017	9.6	8
81	Hybrid NaYF ₄ :Er,Yb@NaYF ₄ @nano-MOF@AuNPs@LB composites for Yb ³⁺ -Er ³⁺ physiological thermometry. <i>Physica B: Condensed Matter</i> , 2021 , 626, 413453	2.8	1
80	Overview of N-Rich Antennae Investigated in Lanthanide-Based Temperature Sensing. <i>Chemistry - A European Journal</i> , 2021 , 27, 7214-7230	4.8	5
79	Luminescent PMMA Films and PMMA@SiO Nanoparticles with Embedded Ln Complexes for Highly Sensitive Optical Thermometers in the Physiological Temperature Range*. <i>Chemistry - A European Journal</i> , 2021 , 27, 6479-6488	4.8	4
78	Luminescent Ratiometric Thermometers Based on a 4f-3d Grafted Covalent Organic Framework to Locally Measure Temperature Gradients During Catalytic Reactions. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 3727-3736	16.4	7
77	Luminescent Ratiometric Thermometers Based on a 4f-3d Grafted Covalent Organic Framework to Locally Measure Temperature Gradients During Catalytic Reactions. <i>Angewandte Chemie</i> , 2021 , 133, 3771-3780	3.6	7
76	A lanthanide-functionalized covalent triazine framework as a physiological molecular thermometer. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 6436-6444	7.1	2
75	High temperature (nano)thermometers based on LiLuF ₄ :Er ³⁺ ,Yb ³⁺ nano- and microcrystals. Confounded results for core-shell nanocrystals. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 3589-3600	7.1	14
74	Upconverting Er-Yb Inorganic/Covalent Organic Framework Core-Shell Nanoplatfoms for Simultaneous Catalysis and Nanothermometry. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 47010-47018	9.5	1
73	Chemical sensors based on a Eu(iii)-centered periodic mesoporous organosilica hybrid material using picolinic acid as an efficient secondary ligand. <i>Dalton Transactions</i> , 2021 , 50, 11061-11070	4.3	0
72	Rational design of lanthanide nano periodic mesoporous organosilicas (Ln-nano-PMOs) for near-infrared emission. <i>Dalton Transactions</i> , 2021 , 50, 2774-2781	4.3	3
71	Visible and NIR Upconverting Er ³⁺ /Yb ³⁺ Luminescent Nanorattles and Other Hybrid PMO-Inorganic Structures for In Vivo Nanothermometry. <i>Advanced Functional Materials</i> , 2020 , 30, 2003101	15.6	36
70	N-Rich Porous Polymer with Isolated Tb ³⁺ Ions Displays Unique Temperature Dependent Behavior through the Absence of Thermal Quenching. <i>Chemistry - A European Journal</i> , 2020 , 26, 15596-15604	4.8	2
69	Lanthanide-Grafted Bipyridine Periodic Mesoporous Organosilicas (BPy-PMOs) for Physiological Range and Wide Temperature Range Luminescence Thermometry. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 13540-13550	9.5	31
68	Reaktitelbild: Developing Luminescent Ratiometric Thermometers Based on a Covalent Organic Framework (COF) (Angew. Chem. 5/2020). <i>Angewandte Chemie</i> , 2020 , 132, 2144-2144	3.6	
67	Light-Emitting Lanthanide Periodic Mesoporous Organosilica (PMO) Hybrid Materials. <i>Materials</i> , 2020 , 13,	3.5	13

66	Developing Luminescent Ratiometric Thermometers Based on a Covalent Organic Framework (COF). <i>Angewandte Chemie</i> , 2020 , 132, 1948-1956	3.6	22
65	Developing Luminescent Ratiometric Thermometers Based on a Covalent Organic Framework (COF). <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 1932-1940	16.4	67
64	DNA Intercalating Near-Infrared Luminescent Lanthanide Complexes Containing Dipyrido[3,2-:2',3'-]phenazine (dppz) Ligands: Synthesis, Crystal Structures, Stability, Luminescence Properties and CT-DNA Interaction. <i>Molecules</i> , 2020 , 25,	4.8	2
63	Ho-Yb doped NaGdF nanothermometers emitting in BW-I and BW-II. Insight into the particle growth intermediate steps. <i>Chemical Communications</i> , 2020 , 56, 14365-14368	5.8	7
62	Antitumor activity of organoruthenium complexes with chelate aromatic ligands, derived from 1,10-phenantroline: Synthesis and biological activity. <i>Journal of Inorganic Biochemistry</i> , 2020 , 202, 110869	4.2	9
61	Amine-containing (nano-) Periodic Mesoporous Organosilica and its application in catalysis, sorption and luminescence. <i>Microporous and Mesoporous Materials</i> , 2020 , 291, 109687	5.3	23
60	Pure and RE-Doped LaO(VO) (RE = Eu, Sm): Polymorphism Stability and Luminescence Properties of a New Oxyvanadate Matrix. <i>Inorganic Chemistry</i> , 2020 , 59, 5929-5938	5.1	5
59	Vibrational Quenching in Near-Infrared Emitting Lanthanide Complexes: A Quantitative Experimental Study and Novel Insights. <i>Chemistry - A European Journal</i> , 2019 , 25, 15944-15956	4.8	18
58	Lanthanide-centered luminescence evolution and potential anti-counterfeiting application of Tb ³⁺ /Eu ³⁺ grafted melamine cyanurate hydrogen-bonded triazine frameworks. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 579-586	7.8	9
57	Chemical sensors based on nano-sized lanthanide-grafted periodic mesoporous organosilica hybrid materials. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 8109-8119	7.1	22
56	Unveiling the nonlinear optical response of <i>Trictenotoma childreni</i> longhorn beetle. <i>Journal of Biophotonics</i> , 2019 , 12, e201800470	3.1	1
55	Functionalized periodic mesoporous organosilicas: from metal free catalysis to sensing. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 14060-14069	13	15
54	Novel tetrakis lanthanide diketonate complexes: Structural study, luminescence properties and temperature sensing. <i>Journal of Luminescence</i> , 2019 , 213, 343-355	3.8	30
53	Eu, Tb- and Er, Yb-Doped β -MoO Nanosheets for Optical Luminescent Thermometry. <i>Nanomaterials</i> , 2019 , 9,	5.4	13
52	Holmium, thulium and lutetium-octamolybdate [MoO] 1D chains: luminescence investigation of europium doped lutetium-octamolybdate. <i>Dalton Transactions</i> , 2019 , 48, 8186-8192	4.3	3
51	Nanothermometers based on lanthanide incorporated Periodic Mesoporous Organosilica. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 4222-4229	7.1	14
50	Luminescent Graphene-Based Materials via Europium Complexation on Dipyridylpyridazine-Functionalized Graphene Sheets. <i>Chemistry - A European Journal</i> , 2019 , 25, 6823-6830	4.8	6
49	Lanthanide grafted phenanthroline-polymer for physiological temperature range sensing. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 10972-10980	7.1	14

48	Triggering White-Light Emission in a 2D Imine Covalent Organic Framework Through Lanthanide Augmentation. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 27343-27352	9.5	54
47	White Light Emission Properties of Defect Engineered Metal-Organic Frameworks by Encapsulation of Eu ³⁺ and Tb ³⁺ . <i>Crystal Growth and Design</i> , 2019 , 19, 6339-6350	3.5	20
46	Ultraefficient Cascade Energy Transfer in Dye-Sensitized Core/Shell Fluoride Nanoparticles. <i>ACS Photonics</i> , 2019 , 6, 659-666	6.3	11
45	Design and visualization of second-generation cyanoisindole-based fluorescent strigolactone analogs. <i>Plant Journal</i> , 2019 , 98, 165-180	6.9	2
44	Er-to-Yb and Pr-to-Yb energy transfer for highly efficient near-infrared cryogenic optical temperature sensing. <i>Nanoscale</i> , 2019 , 11, 833-837	7.7	57
43	Simultaneously Excited Downshifting/Upconversion Luminescence from Lanthanide-Doped Core/Shell Fluoride Nanoparticles for Multimode Anticounterfeiting. <i>Advanced Functional Materials</i> , 2018 , 28, 1707365	15.6	86
42	Remarkable high efficiency of red emitters using Eu(III) ternary complexes. <i>Chemical Communications</i> , 2018 , 54, 5221-5224	5.8	28
41	Luminescent thermometer based on Eu/Tb-organic-functionalized mesoporous silica. <i>Luminescence</i> , 2018 , 33, 567-573	2.5	11
40	Exploring physical and chemical properties in new multifunctional indium-, bismuth-, and zinc-based 1D and 2D coordination polymers. <i>Dalton Transactions</i> , 2018 , 47, 1808-1818	4.3	16
39	Dual-mode upconversion and downshifting white-light emitting Ln ³⁺ :Gd ₂ W ₂ O ₉ materials. <i>New Journal of Chemistry</i> , 2018 , 42, 2393-2400	3.6	3
38	Eu ³⁺ /Tb ³⁺ and Dy ³⁺ POM@MOFs and 2D coordination polymers based on pyridine-2,6-dicarboxylic acid for ratiometric optical temperature sensing. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 5916-5925	7.1	62
37	Downshifting/upconversion NaY(MoO ₄) ₂ luminescent materials as highly sensitive fluorescent sensors for Pb ²⁺ ions detection. <i>Sensors and Actuators B: Chemical</i> , 2018 , 255, 2163-2169	8.5	11
36	TeSeN tool for determining thermometric parameters in ratiometric optical thermometry. <i>Sensors and Actuators B: Chemical</i> , 2018 , 273, 696-702	8.5	28
35	Advances in tailoring luminescent rare-earth mixed inorganic materials. <i>Chemical Society Reviews</i> , 2018 , 47, 7225-7238	58.5	58
34	Multidoped Ln gadolinium dioxycarbonates as tunable white light emitting phosphors. <i>Dalton Transactions</i> , 2017 , 46, 2785-2792	4.3	13
33	Low-Percentage Ln Doping in a Tetranuclear Lanthanum Polyoxometalate Assembled from [MoO] ₄ Polyanions Yielding Visible and Near-Infrared Luminescence. <i>Inorganic Chemistry</i> , 2017 , 56, 3190-3200	5.1	22
32	Flexible Ligand-Based Lanthanide Three-Dimensional Metal-Organic Frameworks with Tunable Solid-State Photoluminescence and OH-Solvent-Sensing Properties. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 2321-2331	2.3	17
31	Concentration and temperature dependent upconversion luminescence of CaWO ₄ :Er ³⁺ , Yb ³⁺ 3D microstructure materials. <i>Journal of Luminescence</i> , 2017 , 188, 604-611	3.8	10

30	Temperature dependent NIR emitting lanthanide-PMO/silica hybrid materials. <i>Dalton Transactions</i> , 2017 , 46, 7878-7887	4.3	25
29	Lanthanide Chameleon Multistage Anti-Counterfeit Materials. <i>Advanced Functional Materials</i> , 2017 , 27, 1700258	15.6	62
28	Cryogenic luminescent thermometers based on multinuclear Eu/Tb mixed lanthanide polyoxometalates. <i>Dalton Transactions</i> , 2017 , 46, 5781-5785	4.3	27
27	Sensing properties, energy transfer mechanism and tuneable particle size processing of luminescent two-dimensional rare earth coordination networks. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 12409-12421	7.1	12
26	Grafting of a Eu-tfac complex on to a Tb-metal organic framework for use as a ratiometric thermometer. <i>Dalton Transactions</i> , 2017 , 46, 12717-12723	4.3	30
25	Lanthanide 9-anthracenate: solution processable emitters for efficient purely NIR emitting host-free OLEDs. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 9848-9855	7.1	42
24	Mechanochemically synthesized crystalline luminescent 2D coordination polymers of La ³⁺ and Ce ³⁺ , doped with Sm ³⁺ , Eu ³⁺ , Tb ³⁺ , and Dy ³⁺ : synthesis, crystal structures and luminescence. <i>CrystEngComm</i> , 2016 , 18, 6738-6747	3.3	21
23	A novel red emitting material based on polyoxometalate@periodic mesoporous organosilica. <i>Microporous and Mesoporous Materials</i> , 2016 , 234, 248-256	5.3	17
22	Photoluminescence, Unconventional-Range Temperature Sensing, and Efficient Catalytic Activities of Lanthanide Metal-Organic Frameworks. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 1577-1588	2.3	40
21	Easily Accessible Rare-Earth-Containing Phosphonium Room-Temperature Ionic Liquids: EXAFS, Luminescence, and Magnetic Properties. <i>Journal of Physical Chemistry B</i> , 2016 , 120, 5301-11	3.4	18
20	Highly photoluminescent europium tetraphenylimidodiphosphate ternary complexes with heteroaromatic co-ligands. Solution and solid state studies. <i>Journal of Luminescence</i> , 2016 , 170, 411-419	3.8	20
19	Upconversion luminescence of lanthanide-doped mixed CaMoO ₄ -CaWO ₄ micro-/nano-materials. <i>Dalton Transactions</i> , 2016 , 45, 12094-102	4.3	12
18	Controlled fluorescence in a beetle's photonic structure and its sensitivity to environmentally induced changes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016 , 283,	4.4	12
17	Dopant and excitation wavelength dependent color tunability in Dy:YVO and Dy/Eu:YVO microparticles towards white light emission. <i>Dalton Transactions</i> , 2016 , 45, 16231-16239	4.3	31
16	Optical thermometry of MoS ₂ :Eu ³⁺ 2D luminescent nanosheets. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 9937-9941	7.1	27
15	Near-infrared luminescence and RNA cleavage ability of lanthanide Schiff base complexes derived from N,N'-bis(3-methoxysalicylidene)ethylene-1,2-diamine ligands. <i>Journal of Inorganic Biochemistry</i> , 2016 , 163, 194-205	4.2	10
14	Eu ³⁺ @PMO: synthesis, characterization and luminescence properties. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 2909-2917	7.1	25
13	Nano- and micro-sized rare-earth carbonates and their use as precursors and sacrificial templates for the synthesis of new innovative materials. <i>Chemical Society Reviews</i> , 2015 , 44, 2032-59	58.5	60

12	Dopant and excitation wavelength dependent color-tunable white light-emitting Ln(3+):Y ₂ WO ₆ materials (Ln(3+) = Sm, Eu, Tb, Dy). <i>Dalton Transactions</i> , 2015 , 44, 15022-30	4-3	44
11	Green and blue emitting 3D structured Tb:Ce ₂ (WO ₄) ₃ and Tb:Ce ₁₀ W ₂₂ O ₈₁ micromaterials. <i>Dalton Transactions</i> , 2015 , 44, 10237-44	4-3	20
10	Light Conversion Control in NIR-Emissive Optical Materials Based on Heterolanthanide ErxYb _{3-x} Quinolinolato Molecular Components. <i>Chemistry of Materials</i> , 2015 , 27, 4082-4092	9.6	18
9	Influence of Y(3+), Gd(3+), and Lu(3+) co-doping on the phase and luminescence properties of monoclinic Eu:LaVO ₄ particles. <i>Dalton Transactions</i> , 2015 , 44, 18418-26	4-3	25
8	Layered exfoliable crystalline materials based on Sm-, Eu- and Eu/Gd-2-phenylsuccinate frameworks. Crystal structure, topology and luminescence properties. <i>Dalton Transactions</i> , 2015 , 44, 3417-29	4-3	31
7	Enhanced luminescence in Ln ³⁺ -doped Y ₂ WO ₆ (Sm, Eu, Dy) 3D microstructures through Gd ³⁺ codoping. <i>Inorganic Chemistry</i> , 2014 , 53, 9498-508	5.1	62
6	Rare earth tungstate and molybdate compounds - from 0D to 3D architectures. <i>Chemical Society Reviews</i> , 2013 , 42, 8835-48	58.5	170
5	Nano- and micro-sized Eu(3+) and Tb(3+)-doped lanthanide hydroxycarbonates and oxycarbonates. The influence of glucose and fructose as stabilizing ligands. <i>Dalton Transactions</i> , 2013 , 42, 4639-49	4-3	18
4	Tuning the architecture and properties of microstructured yttrium tungstate oxide hydroxide and lanthanum tungstate. <i>Dalton Transactions</i> , 2013 , 42, 5471-9	4-3	20
3	Bipyridine-Based Nanosized Metal-Organic Framework with Tunable Luminescence by a Postmodification with Eu(III): An Experimental and Theoretical Study. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 11302-11310	3.8	79
2	Template synthesis, characterization and crystal structure of heptaazadentate Schiff base lanthanide aminopodates. <i>Inorganica Chimica Acta</i> , 2011 , 365, 137-142	2.7	6
1	CALCULATOR FOR FINDING COMPOSITION OF (Me ₁) _{x1} (Me ₂) _{x2} (CcHhNnOo) _{x3} (NO ₃) _{x4} (H ₂ O) _{x5} (Cl) _{x6} TYPE COMPLEX FROM ELEMENTAL ANALYSIS DATA. <i>Journal of Theoretical and Computational Chemistry</i> , 2010 , 09, 1043-1051	1.8	1