

# Evgeniya A Varaksina

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

332  
citations

840776

11  
h-index

839539

18  
g-index

25  
all docs

25  
docs citations

25  
times ranked

326  
citing authors

#	ARTICLE	IF	CITATIONS
1	Luminescence sensitization of the Nd <sup>3+</sup> ion in diphenyl(9-antracenyl)cyclopentadienyl complexes containing antenna-ligand with extended $\pi$ -system. <i>Inorganica Chimica Acta</i> , 2022, 533, 120777.	2.4	5
2	Ligand-to-ligand charge transfer state in lanthanide complexes containing $\pi$ -bonded antenna ligands. <i>Mendeleev Communications</i> , 2022, 32, 198-201.	1.6	4
3	Coordination polymers based on 3,5-di-tert-butylbenzoate {Cd <sub>2</sub> Eu} moieties. <i>Inorganica Chimica Acta</i> , 2021, 515, 120050.	2.4	10
4	The effect of terminal N-donor aromatic ligands on the sensitization and emission of lanthanide ions in Zn <sub>2</sub> Ln (Ln = Eu, Tb) complexes with 4-biphenylcarboxylate anions. <i>New Journal of Chemistry</i> , 2021, 45, 13349-13359.	2.8	8
5	Extraction of high-contrast diffraction patterns of fine-structured electrical sparks from laser shadowgrams. <i>Optics Express</i> , 2021, 29, 14941.	3.4	5
6	Cadmium-Inspired Self-Polymerization of {LnIII Cd <sub>2</sub> } Units: Structure, Magnetic and Photoluminescent Properties of Novel Trimethylacetate 1D-Polymers (Ln = Sm, Eu, Tb, Dy, Ho, Er, Yb). <i>Molecules</i> , 2021, 26, 4296.	3.8	8
7	Precise optical registration of fine-structured electrical sparks and related challenges. <i>Optics Express</i> , 2021, 29, 35806-35819.	3.4	4
8	Sterically hindered phenanthroimidazole ligands drive the structural flexibility and facile ligand exchange in cyclometalated iridium(III) complexes. <i>Dalton Transactions</i> , 2021, 50, 6889-6900.	3.3	17
9	Tuning the luminescence efficiency by perfluorination of side chains in Eu <sup>3+</sup> complexes with $\beta^2$ -diketones of the thiophene series. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 25748-25760.	2.8	21
10	Chemical Assembling of Heterometallic {Cd <sup>n</sup> M} (M=Li, Mg, Eu, Tb) Molecules with 3,5-di-tert-butylbenzoate Bridges and N-Donor Ligands. <i>ChemistrySelect</i> , 2020, 5, 8475-8482.	1.5	7
11	Aromatic $\beta^2$ -diketone as a Novel Anchoring Ligand in Iridium(III) Complexes for Dye-Sensitized Solar Cells. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 3277-3286.	2.0	18
12	Diarylphosphate as a New Route for Design of Highly Luminescent Ln Complexes. <i>Molecules</i> , 2020, 25, 3934.	3.8	3
13	Molecular and Polymer Ln <sub>2</sub> M <sub>2</sub> (Ln = Eu, Gd, Tb, Dy; M = Zn, Cd) Complexes with Pentafluorobenzoate Anions: The Role of Temperature and Stacking Effects in the Structure; Magnetic and Luminescent Properties. <i>Materials</i> , 2020, 13, 5689.	2.9	20
14	Aryloxy Alkyl Magnesium versus Dialkyl Magnesium in the Lanthanidocene-Catalyzed Coordinative Chain Transfer Polymerization of Ethylene. <i>Organometallics</i> , 2019, 38, 2892-2901.	2.3	13
15	A novel candle light-style OLED with a record low colour temperature. <i>Chemical Communications</i> , 2019, 55, 13354-13357.	4.1	22
16	Luminescent and magnetic properties of mononuclear lanthanide thiocyanates with terpyridine as auxiliary ligand. <i>Inorganica Chimica Acta</i> , 2019, 486, 499-505.	2.4	20
17	Crystal structure of tris[bis(2,6-diisopropylphenyl)phosphato- $\lambda^5$ -O]pentakis(methanol- $\lambda^5$ -O)europium methanol monosolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 1892-1896.	0.5	1
18	Synthesis, structure and photoluminescence properties of {Zn <sub>2</sub> Ln <sub>2</sub> } heterometallic complexes with anions of 1-naphthylacetic acid and N-donor heterocyclic ligands. <i>Inorganica Chimica Acta</i> , 2018, 477, 15-23.	2.4	28

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19	Bright green-to-yellow emitting Cu( <i>scp</i> ) complexes based on bis(2-pyridyl)phosphine oxides: synthesis, structure and effective thermally activated-delayed fluorescence. Dalton Transactions, 2018, 47, 2701-2710.	3.3	33
20	Lanthanide(III) (Eu, Gd, Tb, Dy) Complexes Derived from 4-(Pyridin-2-yl)methyleneamino-1,2,4-triazole: Crystal Structure, Magnetic Properties, and Photoluminescence. Chemistry - an Asian Journal, 2018, 13, 2060-2068.	3.3	17
21	Synthesis, structure and luminescence of {Zn <sub>2</sub> Ln(OH)} (Ln = Eu, Gd, Tb) complexes with a triangular metal core. Inorganica Chimica Acta, 2018, 482, 85-89.	2.4	16
22	Polyphenylcyclopentadienyl Ligands as an Effective Light-Harvesting $\pi$ -Bonded Antenna for Lanthanide +3 Ions. Inorganic Chemistry, 2018, 57, 10199-10213.	4.0	37
23	Thermostable 1D Lanthanide 4-Phenylbenzoate Polymers [Ln(4-phbz) <sub>3</sub> ] <sub>n</sub> (Ln = Sm, Eu, Gd, Tb, Dy, Ho) with Isolated Metal Chains: Synthesis, Structure, Luminescence, and Magnetic Properties. European Journal of Inorganic Chemistry, 2017, 2017, 2892-2904.	2.0	7
24	An efficient route for design of luminescent composite materials based on polyethylene containing europium dibenzoylmethanate. New Journal of Chemistry, 2017, 41, 13663-13672.	2.8	7