

# Evgeniya A Varaksina

## List of Publications by Year in descending order

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24  
papers

332  
citations

840776

11  
h-index

839539

18  
g-index

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25  
docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Polyphenylcyclopentadienyl Ligands as an Effective Light-Harvesting $\pi$ -Bonded Antenna for Lanthanide +3 Ions. <i>Inorganic Chemistry</i> , 2018, 57, 10199-10213.	4.0	37
2	Bright green-to-yellow emitting Cu(II) complexes based on bis(2-pyridyl)phosphine oxides: synthesis, structure and effective thermally activated-delayed fluorescence. <i>Dalton Transactions</i> , 2018, 47, 2701-2710.	3.3	33
3	Synthesis, structure and photoluminescence properties of $\{Zn_2Ln_2\}$ 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
4	A novel candle light-style OLED with a record low colour temperature. <i>Chemical Communications</i> , 2019, 55, 13354-13357.	4.1	22
5	Tuning the luminescence efficiency by perfluorination of side chains in $Eu^{3+}$ complexes with $\beta^2$ -diketones of the thiophene series. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 25748-25760.	2.8	21
6	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
7	Molecular and Polymer $Ln_2M_2$ ( $Ln = Eu, Gd, Tb, Dy$ ; $M = Zn, Cd$ ) 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
8	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
9	Lanthanide(III) (Eu, Gd, Tb, Dy) Complexes Derived from $4-(\text{Pyridin-2-yl})\text{methyleneamino-1,2,4-triazole}$ : Crystal Structure, Magnetic Properties, and Photoluminescence. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2060-2068.	3.3	17
10	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
11	Synthesis, structure and luminescence of $\{Zn_2Ln(OH)\}$ ( $Ln = Eu, Gd, Tb$ ) complexes with a triangular metal core. <i>Inorganica Chimica Acta</i> , 2018, 482, 85-89.	2.4	16
12	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
13	Coordination polymers based on 3,5-di-tert-butylbenzoate $\{Cd_2Eu\}$ moieties. <i>Inorganica Chimica Acta</i> , 2021, 515, 120050.	2.4	10
14	The effect of terminal N-donor aromatic ligands on the sensitization and emission of lanthanide ions in $Zn_2Ln$ ( $Ln = Eu, Tb$ ) complexes with 4-biphenylcarboxylate anions. <i>New Journal of Chemistry</i> , 2021, 45, 13349-13359.	2.8	8
15	Cadmium-Inspired Self-Polymerization of $\{LnIII Cd_2\}$ 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
16	Thermostable 1D Lanthanide Phenylbenzoate Polymers $[Ln(4\text{-phbz})_3]_n$ ( $Ln = Sm, Eu, Gd, Tb, Dy, Ho$ ) with Isolated Metal Chains: Synthesis, Structure, Luminescence, and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2892-2904.	2.0	7
17	An efficient route for design of luminescent composite materials based on polyethylene containing europium dibenzoylmethanate. <i>New Journal of Chemistry</i> , 2017, 41, 13663-13672.	2.8	7
18	Chemical Assembling of Heterometallic $\{Cd^II M\}$ ( $M = Li, Mg, Eu, Tb$ ) Molecules with 3,5-di-tert-butylbenzoate Bridges and N-Donor Ligands. <i>ChemistrySelect</i> , 2020, 5, 8475-8482.	1.5	7

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19	Extraction of high-contrast diffraction patterns of fine-structured electrical sparks from laser shadowgrams. <i>Optics Express</i> , 2021, 29, 14941.	3.4	5
20	Luminescence sensitization of the Nd <sup>3+</sup> ion in diphenyl(9-antraceny)cyclopentadienyl complexes containing antenna-ligand with extended $\pi$ -system. <i>Inorganica Chimica Acta</i> , 2022, 533, 120777.	2.4	5
21	Precise optical registration of fine-structured electrical sparks and related challenges. <i>Optics Express</i> , 2021, 29, 35806-35819.	3.4	4
22	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
23	Diarylphosphate as a New Route for Design of Highly Luminescent Ln Complexes. <i>Molecules</i> , 2020, 25, 3934.	3.8	3
24	Crystal structure of tris[bis(2,6-diisopropylphenyl)phosphato- $\mu_3$ -O]pentakis(methanol- $\mu_3$ -O)europium methanol monosolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 1892-1896.	0.5	1