Ilya Taydakov

List of Publications by Year
in descending order

130	1,443	361413	501196
papers	citations	20 h-index	28 g-index

134	134	134	1069
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effective electroluminescent materials for OLED applications based on lanthanide 1.3-diketonates bearing pyrazole moiety. Journal of Luminescence, 2016, 177, 31-39.	3.1	65
2	Influence of fluorinated chain length on luminescent properties of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0094.gif" overflow="scroll"><mml:msup><mml:mrow><mml:mi>Eu</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:msup></mml:math> <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0095.gif" overflow="scroll"><mml:mi>Î²</mml:mi></mml:math>-diketonate complexes. Journal of Luminescence, 2018, 196, 161-168.	3.1	63
3	Lanthanide azolecarboxylate compounds: Structure, luminescent properties and applications. Coordination Chemistry Reviews, 2021, 445, 214084.	18.8	46
4	Effect of ancillary ligands on visible and NIR luminescence of Sm3+ Î²-diketonate complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 225, 117503.	3.9	41
5	Polyphenylcyclopentadienyl Ligands as an Effective Light-Harvesting Ï€-Bonded Antenna for Lanthanide +3 Ions. Inorganic Chemistry, 2018, 57, 10199-10213.	4.0	37
6	Bright green-to-yellow emitting Cu(<scp>i</scp>) 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
7	Novel Î²-diketonate complexes of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:msup><mml:mrow><mml:mtext>Eu</mml:mtext></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msup></mml:mrow></mml:math> bearing pyrazole moiety for bright photo- and electroluminescence. Dyes and Pigments, 2019, 163, 291-299.	3.7	32
8	ansa-Zirconocenes Based onN-Substituted 2-Methylcyclopenta[b]Indoles:Â Synthesis and Catalyst Evaluation in Liquid Propylene Polymerization. Organometallics, 2003, 22, 2711-2722.	2.3	30
9	Luminescence and electronic structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0034.gif" overflow="scroll"><mml:msup><mml:mrow><mml:mi>Nd</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:msup></mml:math> complex with pyrazole-substituted 1,3-diketone and 1,10-phenanthroline. Journal of Luminescence, 2018, 203, 546-553.	3.1	29
10	Synthesis, structure and photoluminescence properties of {Zn2Ln2} heterometallic complexes with anions of 1-naphthylacetic acid and N-donor heterocyclic ligands. Inorganica Chimica Acta, 2018, 477, 15-23.	2.4	28
11	Poly(ethylene glycol)s as grinding additives in the mechanochemical preparation of highly functionalized 3,5-disubstituted hydantoins. Beilstein Journal of Organic Chemistry, 2017, 13, 19-25.	2.2	26
12	Mono- and Mixed Metal Complexes of Eu3+, Gd3+, and Tb3+ with a Diketone, Bearing Pyrazole Moiety and CHF2-Group: Structure, Color Tuning, and Kinetics of Energy Transfer between Lanthanide Ions. Molecules, 2021, 26, 2655.	3.8	25
13	Employing three-blade propeller lanthanide complexes as molecular luminescent thermometers: study of temperature sensing through a concerted experimental/theory approach. Journal of Materials Chemistry C, 2022, 10, 7176-7188.	5.5	25
14	Synthesis, X-ray structure and luminescent properties of Sm3+ ternary complex with novel heterocyclic Î²-diketone and 1,10-phenanthroline (Phen). Journal of Rare Earths, 2011, 29, 719-722.	4.8	23
15	Modified method for the synthesis of isomeric N-substituted (1H-pyrazolyl)propane-1,3-diones. Chemistry of Heterocyclic Compounds, 2011, 47, 695-699.	1.2	23
16	Luminescence of pyrazolic 1,3-diketone<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0042.gif" overflow="scroll"><mml:msup><mml:mrow><mml:mi>Pr</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:msup></mml:math> with 1,10-phenanthroline. Journal of Luminescence, 2017, 188, 365-370.	3.1	23
17	Luminescent Lanthanide-Based Sensor for H₂O Detection in Aprotic Solvents and D₂O. IEEE Sensors Journal, 2019, 19, 7365-7372.	4.7	23
18	Synthesis and luminescent properties of neutral Eu(III) and Gd(III) complexes with 1-(1,5-dimethyl-1h-pyrazol-4-yl)-4,4,4-trifluoro-1,3-butanedione and 4,4,5,5,6,6,6-heptafluoro-1-(1-methyl-1H-pyrazol-4-yl)-1,3-hexanedione. Russian Journal of Inorganic Chemistry, 2013, 58, 411-415.	1.3	22

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19	A novel candle light-style OLED with a record low colour temperature. Chemical Communications, 2019, 55, 13354-13357.	4.1	22
20	Aqueous Complexation of Y^{III}, La^{III}, Nd^{III}, Sm^{III}, Eu^{III}, and Yb^{III} with Some Heterocyclic Substituted Î²â€Diketones. European Journal of Inorganic Chemistry, 2015, 2015, 1074-1082.	2.0	21
21	Luminescent hybrid materials based on an europium organic complex and borate glasses. Journal of Non-Crystalline Solids, 2015, 429, 213-218.	3.1	21
22	Synthesis of Coordination Polymers from the Heterometallic Carboxylate Complexes with Chelating N-Donor Ligands. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2020, 46, 1-14.	1.0	21
23	Tuning the luminescence efficiency by perfluorination of side chains in Eu³⁺ complexes with Î²-diketones of the thiophene series. Physical Chemistry Chemical Physics, 2021, 23, 25748-25760.	2.8	21
24	Molecular and Polymer Ln2M2 (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. Materials, 2020, 13, 5689.	2.9	20
25	Bright NIR-luminescent <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e655" altimg="si55.svg"><mml:msup><mml:mrow><mml:mi mathvariant="normal">Nd</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:msup></mml:math> complexes with pyrazole-substituted 1,3-diketones demonstrated an unusual spectral lines branching ratios. Dyes and Pigments, 2020, 181, 108558.	3.7	19
26	Aromatic Î²â€Diketone as a Novel Anchoring Ligand in Iridium(III) Complexes for Dyeâ€Sensitized Solar Cells. European Journal of Inorganic Chemistry, 2020, 2020, 3277-3286.	2.0	18
27	Synthesis of novel lanthanide acylpyrazolonato ligands with long aliphatic chains and immobilization of the Tb complex on the surface of silica pre-modified via hydrophobic interactions. Dalton Transactions, 2015, 44, 14887-14895.	3.3	17
28	Lanthanide(III) (Eu, Gd, Tb, Dy) Complexes Derived from 4â€(Pyridinâ€2â€yl)methyleneaminoâ€1,2,4â€triazole: Crystal Structure, Magnetic Properties, and Photoluminescence. Chemistry - an Asian Journal, 2018, 13, 2060-2068.	3.3	17
29	Sterically hindered phenanthroimidazole ligands drive the structural flexibility and facile ligand exchange in cyclometalated iridium(<scp>iii</scp>) complexes. Dalton Transactions, 2021, 50, 6889-6900.	3.3	17
30	New Pt(II) complex with extra pure green emission for OLED application: synthesis, crystal structure and spectral properties. Journal of Organometallic Chemistry, 2018, 867, 253-260.	1.8	16
31	Synthesis, structure and luminescence of {Zn2Ln(OH)} (Lnâ€¯=â€¯Eu, Gd, Tb) complexes with a triangular metal core. Inorganica Chimica Acta, 2018, 482, 85-89.	2.4	16
32	Synthesis, crystal structure and photophysical properties of mixed-ligand lanthanide complexes with 1,3-diketonates bearing pyrazole moieties and 1,10-phenanthroline. Inorganica Chimica Acta, 2020, 513, 119922.	2.4	16
33	Coordination Properties of Hydroxyisophthalic Acids: Topological Correlations, Synthesis, Structural Analysis, and Properties of New Complexes. Chemistry - A European Journal, 2021, 27, 9180-9192.	3.3	16
34	Bright Yb3+ complexes for efficient pure near-infrared OLEDs. Dyes and Pigments, 2021, 195, 109701.	3.7	16
35	Luminescent hybrid materials based on (8-hydroxyquinoline)-substituted metal-organic complexes and lead-borate glasses. Optical Materials, 2017, 69, 141-147.	3.6	15
36	Synthesis of dual emitting iodocuprates: can solvents switch the reaction outcome?. Inorganic Chemistry Frontiers, 2020, 7, 2195-2203.	6.0	15

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37	Towards bright dysprosium emitters: Single and combined effects of environmental symmetry, deuteration, and gadolinium dilution. Dyes and Pigments, 2022, 199, 110078.	3.7	15
38	Radiative characteristics of nanopatch antennas based on plasmonic nanoparticles of various geometry and tris(2,2â€™-bipyridine) ruthenium(II) hexafluorophosphate. Journal Physics D: Applied Physics, 2019, 52, 325107.	2.8	14
39	Triazole-based lanthanide(III) adducts: Photo- and thermochromic luminescence. Journal of Luminescence, 2021, 238, 118305.	3.1	14
40	Impact of the donor structure in new Dâ€“Ï€â€“A systems based on indolo[3,2,1-jk]carbazoles on their thermal, electrochemical, optoelectronic and luminescence properties. Journal of Materials Chemistry C, 2021, 9, 7351-7362.	5.5	14
41	Luminescent properties of complexes based on scandium (III) Î²-diketonates. Journal of Luminescence, 2018, 201, 509-519.	3.1	13
42	Influence of Substituents in the Aromatic Fragment of the Benzoate Anion on the Structures and Compositions of the Formed {Cdâ€“Ln} Complexes. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2020, 46, 493-504.	1.0	13
43	Candle light-style OLEDs with benzochalcogenadiazoles cores. Dyes and Pigments, 2021, 185, 108917.	3.7	13
44	Improved Synthesis of 1H-Pyrazole-4-carbaldehyde. Synthetic Communications, 2011, 41, 2430-2434.	2.1	12
45	A convenient and practical synthesis of Î²-diketones bearing linear perfluorinated alkyl groups and a 2-thienyl moiety. Beilstein Journal of Organic Chemistry, 2018, 14, 3106-3111.	2.2	12
46	Accessing Mononuclear Triphenylcyclopentadienyl Lanthanide Complexes by Using Tridentate Nitrogen Ligands: Synthesis, Structure, Luminescence, and Catalysis. Organometallics, 2021, 40, 1235-1243.	2.3	12
47	Influence of the steric properties of pyridine ligands on the structure of complexes containing the {LnCd2(bzo)7} fragment. Russian Chemical Bulletin, 2020, 69, 1544-1560.	1.5	11
48	Optimization of carrier mobility in luminescence layers based on europium Î²-diketonates in hybrid light-emitting structures. Semiconductors, 2014, 48, 369-372.	0.5	10
49	Coordination polymers based on 3,5-di-tert-butylbenzoate {Cd2Eu} moieties. Inorganica Chimica Acta, 2021, 515, 120050.	2.4	10
50	Title is missing!. Chemistry of Heterocyclic Compounds, 2003, 39, 553-586.	1.2	9
51	Convenient modification of the Leimgruber-Batcho indole synthesis: reduction of 2-nitro-Î²-pyrrolidinostyrenes by the FeCl3â€“activated carbonâ€“N2H4â‹™H2O system. Chemistry of Heterocyclic Compounds, 2011, 47, 425-434.	1.2	9
52	Binuclear europium(III) pivalates with 4,7-diphenyl-1,10-phenanthroline: Controllable synthesis, unique structural transitions, and remarkable luminescence. Polyhedron, 2017, 129, 105-113.	2.2	9
53	Molecular and polymeric uranyl and thorium hybrid materials featuring methyl substituted pyrazole dicarboxylates and heterocyclic 1,3-diketones. Solid State Sciences, 2018, 76, 20-32.	3.2	9
54	Nonlinear Refraction in Colloidal Ag2S Quantum Dots. Bulletin of the Lebedev Physics Institute, 2019, 46, 210-214.	0.6	9

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55	Behavior of Some Perfluorinated Analogs of Thenoyltrifluoroacetone in Aqueous Solution. Journal of Chemical & Engineering Data, 2019, 64, 2593-2600.	1.9	9
56	Synthesis, phosphorescence and luminescence properties of novel europium and gadolinium tris-acylpyrazolonate complexes. Inorganica Chimica Acta, 2020, 502, 119279.	2.4	9
57	Impact of ligand-centered excited states on luminescence sensitization in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si65.svg"><mml:mrow><mml:msup><mml:mrow><mml:mi mathvariant="normal">Pr</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:msup></mml:mrow></mml:math> complexes with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si66.svg"><mml:mrow><mml:msup><mml:mrow><mml:mi mathvariant="normal">Eu</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:msup></mml:mrow></mml:math> diketonates	3.9	9
58	Synthesis and crystal structure of [Na(H2O)4][EuL4] Â· 0.775CH2Cl2 (HL =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (1,3-bis(1,3-d 345-349.	1.3	8
59	Synthesis, crystal structure and electroluminescent properties of fac-bromotricarbonyl ([1,2,5]oxadiazolo[3',4':5,6]pyrazino- [2,3-f][1,10]phenanthroline) rhenium (I). Arkivoc, 2017, 2017, 205-216.	0.5	8
60	Copper(<scp>i</scp>) ionic complexes based on imidazo[4,5-<i>f</i>][1,10]phenanthrolin diimine chelating ligands: crystal structures, and photo- and electroluminescence properties. New Journal of Chemistry, 2020, 44, 110-120.	2.8	8
61	New Heteroligand Europium and Gadolinium Formate Triazole Dicarboxylates: Synthesis, Structures, and Luminescence Properties. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2020, 46, 394-401.	1.0	8
62	The effect of terminal N-donor aromatic ligands on the sensitization and emission of lanthanide ions in Zn₂Ln (Ln = Eu, Tb) complexes with 4-biphenylcarboxylate anions. New Journal of Chemistry, 2021, 45, 13349-13359.	2.8	8
63	Novel D-A-D Fluorescent Dyes Based on 9-(p-Tolyl)-2,3,4,4a,9,9a-hexahydro-1H-carbazole as a Donor Unit for Solution-Processed Organic Light-Emitting-Diodes. Molecules, 2021, 26, 2872.	3.8	8
64	Cadmium-Inspired Self-Polymerization of {LnIIICd2} Units: Structure, Magnetic and Photoluminescent Properties of Novel Trimethylacetate 1D-Polymers (Ln = Sm, Eu, Tb, Dy, Ho, Er, Yb). Molecules, 2021, 26, 4296.	3.8	8
65	Luminescent complexes of Eu3+,Tb3+ and Gd3+ nitrates with polytopic ligand 2,4,6-tris(1H-pyrazol-1-yl)-1,3,5-triazine. Inorganica Chimica Acta, 2020, 510, 119764.	2.4	8
66	Variable Luminescence and Chromaticity of Homoleptic Frameworks of the Lanthanides together with Pyridylpyrazolates. Chemistry - A European Journal, 2021, 27, 16634-16641.	3.3	8
67	New Dâ€“Aâ€“D luminophores of the [1,2,5]thiadiazolo[3,4-d]pyridazine series. Mendeleev Communications, 2022, 32, 371-373.	1.6	8
68	An Efficient Synthesis of Isomeric 1â€(1â€Alkylâ€1<i>H</i>â€pyrazolyl) Ethanones. Journal of Heterocyclic Chemistry, 2012, 49, 1422-1424.	2.6	7
69	Luminescent characteristics of some mesogenic tris(Î²-diketonate) europium(III) complexes with Lewis bases. Russian Journal of Physical Chemistry A, 2013, 87, 2108-2111.	0.6	7
70	Direct Electrophilic Acylation of N-Substituted Pyrazoles by Anhydrides of Carboxylic Acids. Synthesis, 2013, 45, 2188-2192.	2.3	7
71	Neodymium(III) tris(1,3-bis(1,3-dimethyl-1H-pyrazol-4-yl)propane-1,3-dionato)(1,10-phenanthroline): Synthesis and photophysical properties. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2014, 40, 16-22.	1.0	7
72	Thermostable 1D Lanthanide 4â€Phenylbenzoate Polymers [Ln(4â€phbz)₃]<i>_n</i> (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

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73	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
74	Chemical Assembling of Heterometallic {Cdâ€“M} (M=Li, Mg, Eu, Tb) Molecules with 3,5â€Ðiâ€•tert â€butylbenzoate Bridges and Nâ€Ðonor Ligands. ChemistrySelect, 2020, 5, 8475-8482.	1.5	7
75	Serious Explosion during Large-Scale Preparation of an Amine by Alane (AlH₃) Reduction of a Nitrile Bearing a CF₃ Group. Journal of Chemical Health and Safety, 2020, 27, 235-239.	2.1	7
76	Unexpected formation of a 1,2-diketone from a 1,3-diketone mediated by lanthanides. Tetrahedron Letters, 2013, 54, 1704-1706.	1.4	6
77	An unexpected electro-luminescent properties of scandium(III) heteroaromatic 1,3-diketonate complex. Inorganica Chimica Acta, 2014, 414, 234-239.	2.4	6
78	Luminescent Properties of a Composite of Acrylic Polymers Doped with Eu(III) Complex for Ink-Jet Printing Applications. Journal of Russian Laser Research, 2016, 37, 192-196.	0.6	6
79	Luminescent Properties of Hybrid Nanostructures Based on Quantum Dots of CdS, Europium 1,3-Diketonate, and Methylene Blue Molecules. Optics and Spectroscopy (English Translation of Optika) Tj ETQq1 1 0.784314 rgBT /Ov	0.6	6
80	Luminescence properties of pyrazolic 1,3-diketone Ho3+ complex with 1,10-phenanthroline. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 222, 117229.	3.9	6
81	Luminescent hybrid materials based on metal-organic phosphors in PbF2 powder and PbF2-containing glass matrix. Optical Materials, 2019, 88, 378-384.	3.6	6
82	Cesium tetrakis(1-(1,5-dimethyl-1H-pyrazol-4-yl)-4,4,4-trifluorobutane-1,3-diono)europiate(III): Synthesis, crystal structure, and luminescence properties. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2013, 39, 680-684.	1.0	5
83	BODIPY dyes with thienyl- and dithienylthio-substituents â€“ synthesis, redox and fluorescent properties. Dalton Transactions, 2017, 46, 17093-17100.	3.3	5
84	crystal structure, and luminescent properties. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2019, 45, 883-888.	1.0	5
85	Catalyst-free addition of secondary phosphine chalcogenides to pyrazolecarbaldehydes. Mendeleev Communications, 2019, 29, 683-685.	1.6	5
86	Selenoyl-trifluoroacetone: Synthesis, properties, and complexation ability towards trivalent rare-earth ions. Polyhedron, 2021, 207, 115383.	2.2	5
87	Luminescence sensitization of the Nd3+ ion in diphenyl(9-antnracenyl)cyclopentadienyl complexes containing antenna-ligand with extended Ï€-system. Inorganica Chimica Acta, 2022, 533, 120777.	2.4	5
88	Synthesis and unusual crystal structure of the Eu(III) complex with 1-(1,5-dimethyl-1H-pyrazol-4-yl)-4,4,4-trifluorobutane-1,3-dione. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2013, 39, 437-441.	1.0	4
89	Experimental Determination of Energy Transfer in Eu(III) Complexes Based on Pyrazole-Substituted 1,3-Diketones. Journal of Russian Laser Research, 2015, 36, 602-607.	0.6	4
90	New Fluorescent Hybrid Materials Based on Eu-Complexes in Oxyfluoride Glass and Glass-Ceramic Matrix. Periodica Polytechnica: Chemical Engineering, 2016, 60, 152-156.	1.1	4

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91	Luminescent Stability of Hybrids Based on Different Borate Glass Matrixâ€™s and Organic Metal Complexes. IOP Conference Series: Materials Science and Engineering, 2017, 225, 012083.	0.6	4
92	Ligand-to-ligand charge transfer state in lanthanide complexes containing Ï€-bonded antenna ligands. Mendeleev Communications, 2022, 32, 198-201.	1.6	4
93	Reactions of cyclopentadienes with phorone. Russian Chemical Bulletin, 2000, 49, 724-727.	1.5	3
94	Organic light-emitting devices with multi-shell quantum dots connected with polythiophene derivatives. Semiconductors, 2014, 48, 377-380.	0.5	3
95	Direct Electrophilic Acylation of N-Substituted Pyrazoles by Anhydrides of Carboxylic Acids. Synthesis, 2015, 47, 2496-2496.	2.3	3
96	Experimental determination of energy transfer in Eu(III) complexes, based on pyrazole substituted 1, 3-diketones. IOP Conference Series: Materials Science and Engineering, 2016, 112, 012026.	0.6	3
97	Efficient red organic light-emitting diode based on simple Pt(II) OË†N- complex. Dyes and Pigments, 2016, 135, 80-85.	3.7	3
98	Structural and luminescent properties of homo- and heterometallic complexes of La, Li and Na with 2-(2-benzoxyazol-2-yl)phenolate ligands. Journal of Luminescence, 2018, 203, 286-291.	3.1	3
99	Diarylphosphate as a New Route for Design of Highly Luminescent Ln Complexes. Molecules, 2020, 25, 3934.	3.8	3
100	Lanthanide Coordination Polymers Based on Dicyanamide Ligand. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2020, 46, 15-22.	1.0	3
101	Synthesis and Structural Characterisation of Lithium, Zinc, and Aluminium Pyrazolate Complexes. Australian Journal of Chemistry, 2020, 73, 520.	0.9	3
102	Binuclear Gadolinium(III) Pivalates with 4,7â€Diphenylâ€1,10â€Phenanthroline: Synthesis, Structure, Thermal Behavior, Magnetic and Photoluminescence Properties. European Journal of Inorganic Chemistry, 2021, 2021, 464-472.	2.0	3
103	Photo- and Electroluminescent Properties of the Yb3+ Complex with Pyrazole-Substituted 1,3-Diketone and 1,10-Phenanthroline. Bulletin of the Lebedev Physics Institute, 2021, 48, 139-143.	0.6	3
104	Linear Metal-Organic Frameworks Based on Bis(1-Benzotriazolyl)methane and Zinc and Copper Nitrates. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2020, 46, 805-811.	1.0	3
105	NIR-OLED structures based on lanthanide coordination compounds: synthesis and luminescent properties. Journal of Materials Science, 2022, 57, 8393-8405.	3.7	3
106	Synthesis of 3-alkyl-1,4-dihydrocyclopenta[b]indoles: unexpected formation of dimeric compounds. Russian Chemical Bulletin, 2004, 53, 897-900.	1.5	2
107	Direct Bromination of Ethyl 5-Alkylthiophene-2-carboxylates. Synthesis, 2010, 2010, 2965-2968.	2.3	2
108	The complex Eu(phen)L3Â·5CH2Cl2 (HL is 1,3-bis(1,3-dimethyl-1H-pyrazol-4-yl)propane-1,3-dione): synthesis, crystal structure, and luminescent properties. Russian Chemical Bulletin, 2011, 60, 1595-1600.	1.5	2

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109	Synthesis and crystal structure of the Tb(III) complex with 1,3-bis(1,3-dimethyl-1H-pyrazol-4-yl)-1,3-propanedione and 1,10-phenanthroline. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2012, 38, 300-304.	1.0	2
110	Synthesis and luminescence properties of neutral Tm(III), Dy(III), and Gd(III) complexes with 1,3-bis(1,3-dimethyl-1H-pyrazol-4-yl)-1,3-propanedione and 1,10-phenanthroline. Russian Journal of Inorganic Chemistry, 2012, 57, 870-873.	1.3	2
111	Spontaneous Association of the Terbium Cyclopentadienyl Complexes under Controlled Hydrolysis. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2018, 44, 410-414.	1.0	2
112	Mechanical and optical properties of hybrid materials based on inorganic glass matrix and organic metal complex phosphors. Journal of Physics: Conference Series, 2018, 1045, 012006.	0.4	2
113	On the hydrolysis of diethyl 2-(perfluorophenyl)malonate. Beilstein Journal of Organic Chemistry, 2020, 16, 1863-1868.	2.2	2
114	The effect of borate glass matrix on the luminescence properties of organicâ€“inorganic hybrid materials. Journal of Commonwealth Law and Legal Education, 2019, 60, 140-145.	0.5	2
115	Novel pyrazole-based carboxylate ligand as a building block for assembling lanthanides in luminescent 2D and 3D MOFs. Inorganica Chimica Acta, 2022, 537, 120956.	2.4	2
116	Spectral and thermochemical properties of the [Na(H2O)4] [EuL4]Â·0.775CH2Cl2 complex, HL = 1,3-bis(1,3-dimethyl-1H-pyrazol-4-yl)-1,3-propanedione. Russian Journal of General Chemistry, 2011, 81, 2176-2182.	0.8	1
117	Synthesis, crystal structure, and spectral properties of tris-[4,4,5,5,6,6,6-heptafluoro-1-(1-methyl-1H-pyrazol-4-yl)-1,3-hexanedionato](diethanolo)gadolinium(III). Russian Journal of Inorganic Chemistry, 2013, 58, 783-787.	1.3	1
118	Yttrium(III) and lanthanum(III) tris(1,3-bis(1,3-dimethyl-1H-pyrazol-4-yl)propane-1,3-dionato)(1,10-phenanthroline): Synthesis and study by mass spectrometry, X-ray diffraction analysis, and 89Y and 139La NMR spectroscopy. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2015, 41, 230-239.	1.0	1
119	Synthesis, structure, and luminescent properties of PrIII complexes with pyrazole-derived 1,3-diketone and 1,10-phenanthroline. Russian Chemical Bulletin, 2016, 65, 1784-1789.	1.5	1
120	Effect of Bonding Scandium(III) ion to 1,3-Diketones on Their Luminescent Properties. Journal of Russian Laser Research, 2018, 39, 165-169.	0.6	1
121	Optical Properties Transformation under Laser Treatment of Hybrid Organicâ€“Inorganic Thin Films. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1800647.	1.8	1
122	Comparison of Luminescent Properties of Nd3+ Complexes with Pyrazole-Substituted 1,3-Diketone in DMSO Solutions and in KBr Pellets. Bulletin of the Lebedev Physics Institute, 2019, 46, 395-399.	0.6	1
123	Luminescent Hybrid Materials Based on Polymers of Poly(Alpha-Fluoroacrylates) Doped with Tb(III) Complex. Bulletin of the Lebedev Physics Institute, 2019, 46, 371-375.	0.6	1
124	Selective sorption of noble metals by an organomercury sorbent. Mendeleev Communications, 1997, 7, 117-118.	1.6	0
125	Study of photophysical properties of composite materials based on polystyrene, polymethyl methacrylate, and Eu(III) complex with 1-(1,5-dimethyl-1h-pyrazole-4-yl)-4,4,4-trifluorobutane-1,3-dion and 1,10-phenanthroline. Bulletin of the Lebedev Physics Institute, 2012, 39, 320-324.	0.6	0
126	Effect of inorganic matrix composition on luminescent properties of hybrid materials. , 2018, , .		0

#	Article	IF	Citations
127	Pt (II)-based complexes with ligands of 8-hydroxyquinoline and its 2-methyl derivative for OLED. , 2018, , .		0
128	Near-infrared single-photon emitters based on colloidal CdSe/CdS/ZnS nanocrystals and Nd(III) 1,3-diketonate. Optics Letters, 2020, 45, 5480.	3.3	0
129	Terbium Organic Composition Photoluminescence in Globular Photonic Crystal Pores. Bulletin of the Lebedev Physics Institute, 2020, 47, 321-325.	0.6	0
130	4,7-Bis(5-(9-hexyl-9H-carbazol-3-yl)thiophen-2-yl)-[1,2,5]thiadiazolo[3,4-d]pyridazine. MolBank, 2022, 2022, M1332.	0.5	0