Ilya Taydakov

List of Publications by Year
in descending order

130	1,443	411340	563245
papers	citations	20 h-index	28 g-index

134	134	134	1145
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Towards bright dysprosium emitters: Single and combined effects of environmental symmetry, deuteration, and gadolinium dilution. Dyes and Pigments, 2022, 199, 110078.	2.0	15
2	Luminescence sensitization of the Nd3+ ion in diphenyl(9-antnracenyl)cyclopentadienyl complexes containing antenna-ligand with extended Ї€-system. Inorganica Chimica Acta, 2022, 533, 120777.	1.2	5
3	NIR-OLED structures based on lanthanide coordination compounds: synthesis and luminescent properties. Journal of Materials Science, 2022, 57, 8393-8405.	1.7	3
4	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.	0.2	0
5	Ligand-to-ligand charge transfer state in lanthanide complexes containing Ї€-bonded antenna ligands. Mendeleev Communications, 2022, 32, 198-201.	0.6	4
6	Novel pyrazole-based carboxylate ligand as a building block for assembling lanthanides in luminescent 2D and 3D MOFs. Inorganica Chimica Acta, 2022, 537, 120956.	1.2	2
7	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.	2.7	25
8	New Dâ€“Aâ€“D luminophores of the [1,2,5]thiadiazolo[3,4-d]pyridazine series. Mendeleev Communications, 2022, 32, 371-373.	0.6	8
9	Candle light-style OLEDs with benzochalcogenadiazoles cores. Dyes and Pigments, 2021, 185, 108917.	2.0	13
10	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.	1.0	3
11	Coordination polymers based on 3,5-di-tert-butylbenzoate {Cd2Eu} moieties. Inorganica Chimica Acta, 2021, 515, 120050.	1.2	10
12	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. New Journal of Chemistry, 2021, 45, 13349-13359.	1.4	8
13	Accessing Mononuclear Triphenylcyclopentadienyl Lanthanide Complexes by Using Tridentate Nitrogen Ligands: Synthesis, Structure, Luminescence, and Catalysis. Organometallics, 2021, 40, 1235-1243.	1.1	12
14	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.	0.1	3
15	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.	1.7	8
16	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.	1.7	25
17	Coordination Properties of Hydroxyisophthalic Acids: Topological Correlations, Synthesis, Structural Analysis, and Properties of New Complexes. Chemistry - A European Journal, 2021, 27, 9180-9192.	1.7	16
18	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.	1.7	8

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19	Selenoyl-trifluoroacetone: Synthesis, properties, and complexation ability towards trivalent rare-earth ions. Polyhedron, 2021, 207, 115383.	1.0	5
20	Lanthanide azolecarboxylate compounds: Structure, luminescent properties and applications. Coordination Chemistry Reviews, 2021, 445, 214084.	9.5	46
21	Triazole-based lanthanide(III) adducts: Photo- and thermochromic luminescence. Journal of Luminescence, 2021, 238, 118305.	1.5	14
22	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:mi>Î²</mml:mi></mml:mrow></mml:math>-diketones. Spectrochimic	2.0	9
23	Bright Yb3+ complexes for efficient pure near-infrared OLEDs. Dyes and Pigments, 2021, 195, 109701.	2.0	16
24	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.	2.7	14
25	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.	1.6	17
26	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.	1.3	21
27	Variable Luminescence and Chromaticity of Homoleptic Frameworks of the Lanthanides together with Pyridylpyrazolates. Chemistry - A European Journal, 2021, 27, 16634-16641.	1.7	8
28	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.	2.0	41
29	Synthesis, phosphorescence and luminescence properties of novel europium and gadolinium tris-acylpyrazolonate complexes. Inorganica Chimica Acta, 2020, 502, 119279.	1.2	9
30	Copper(<scp>i</scp>) ionic complexes based on imidazo[4,5-f][1,10]phenanthrolin diimine chelating ligands: crystal structures, and photo- and electroluminescence properties. New Journal of Chemistry, 2020, 44, 110-120.	1.4	8
31	On the hydrolysis of diethyl 2-(perfluorophenyl)malonate. Beilstein Journal of Organic Chemistry, 2020, 16, 1863-1868.	1.3	2
32	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.	0.3	13
33	Chemical Assembling of Heterometallic {Cdâ€“M} (M=Li, Mg, Eu, Tb) Molecules with 3,5â€Diâ€•tert â€butylbenzoate Bridges and Nâ€Donor Ligands. ChemistrySelect, 2020, 5, 8475-8482.	0.7	7
34	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.	1.2	16
35	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.	1.0	18
36	Diarylphosphate as a New Route for Design of Highly Luminescent Ln Complexes. Molecules, 2020, 25, 3934.	1.7	3

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37	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.	0.4	11
38	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.	1.3	20
39	New Heteroligand Europium and Gadolinium Formate Triazole Dicarboxylates: Synthesis, Structures, and Luminescence Properties. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2020, 46, 394-401.	0.3	8
40	Lanthanide Coordination Polymers Based on Dicyanamide Ligand. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2020, 46, 15-22.	0.3	3
41	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.	0.3	21
42	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.	1.1	7
43	Synthesis of dual emitting iodocuprates: can solvents switch the reaction outcome?. Inorganic Chemistry Frontiers, 2020, 7, 2195-2203.	3.0	15
44	Synthesis and Structural Characterisation of Lithium, Zinc, and Aluminium Pyrazolate Complexes. Australian Journal of Chemistry, 2020, 73, 520.	0.5	3
45	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.	4.1	19
46	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.	1.2	8
47	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.	0.3	3
48	Near-infrared single-photon emitters based on colloidal CdSe/CdS/ZnS nanocrystals and Nd(III) 1,3-diketonate. Optics Letters, 2020, 45, 5480.	1.7	0
49	Terbium Organic Composition Photoluminescence in Globular Photonic Crystal Pores. Bulletin of the Lebedev Physics Institute, 2020, 47, 321-325.	0.1	0
50	Nonlinear Refraction in Colloidal Ag2S Quantum Dots. Bulletin of the Lebedev Physics Institute, 2019, 46, 210-214.	0.1	9
51	Luminescence properties of pyrazolic 1,3-diketone Ho3+ complex with 1,10-phenanthroline. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 222, 117229.	2.0	6
52	Luminescent Lanthanide-Based Sensor for H₂O Detection in Aprotic Solvents and D₂O. IEEE Sensors Journal, 2019, 19, 7365-7372.	2.4	23
53	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.	1.3	14
54	Behavior of Some Perfluorinated Analogs of Thenoyltrifluoroacetone in Aqueous Solution. Journal of Chemical & Engineering Data, 2019, 64, 2593-2600.	1.0	9

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55	Optical Properties Transformation under Laser Treatment of Hybrid Organicâ€“Inorganic Thin Films. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1800647.	0.8	1
56	crystal structure, and luminescent properties. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2019, 45, 883-888.	0.3	5
57	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.	0.1	1
58	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.	0.1	1
59	A novel candle light-style OLED with a record low colour temperature. Chemical Communications, 2019, 55, 13354-13357.	2.2	22
60	Catalyst-free addition of secondary phosphine chalcogenides to pyrazolecarbaldehydes. Mendeleev Communications, 2019, 29, 683-685.	0.6	5
61	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.	4.0	32
62	Luminescent hybrid materials based on metal-organic phosphors in PbF2 powder and PbF2-containing glass matrix. Optical Materials, 2019, 88, 378-384.	1.7	6
63	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.	0.2	2
64	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.	0.8	16
65	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.	1.2	28
66	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.	1.6	33
67	Effect of Bonding Scandium(III) ion to 1,3-Diketones on Their Luminescent Properties. Journal of Russian Laser Research, 2018, 39, 165-169.	0.3	1
68	Luminescent properties of complexes based on scandium (III) Î²-diketonates. Journal of Luminescence, 2018, 201, 509-519.	1.5	13
69	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.	1.5	63
70	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.	1.5	9
71	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.	1.3	12
72	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 ETQq0 0 0 rgBT /Overlock 10	0.9	6

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73	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.	1.7	17
74	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.	1.2	16
75	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.	1.5	3
76	Spontaneous Association of the Terbium Cyclopentadienyl Complexes under Controlled Hydrolysis. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2018, 44, 410-414.	0.3	2
77	Polyphenylcyclopentadienyl Ligands as an Effective Light-Harvesting Ï€-Bonded Antenna for Lanthanide +3 Ions. Inorganic Chemistry, 2018, 57, 10199-10213.	1.9	37
78	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>+</m complex with pyrazole-substituted 1,3-diketone and 1,10-phenanthroline. Journal of Luminescence, 2018, 203, 546-553.	1.5	29
79	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.	0.3	2
80	Effect of inorganic matrix composition on luminescent properties of hybrid materials. , 2018, , .		0
81	Pt (II)-based complexes with ligands of 8-hydroxyquinoline and its 2-methyl derivative for OLED. , 2018, , .		0
82	Luminescent hybrid materials based on (8-hydroxyquinoline)-substituted metal-organic complexes and lead-borate glasses. Optical Materials, 2017, 69, 141-147.	1.7	15
83	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>+</m with 1,10-phenanthroline. Journal of Luminescence, 2017, 188, 365-370.	1.5	23
84	Thermostable 1D Lanthanide 4â€Phenylbenzoate Polymers [Ln(4â€phbz)₃]_n (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.	1.0	7
85	Binuclear europium(III) pivalates with 4,7-diphenyl-1,10-phenanthroline: Controllable synthesis, unique structural transitions, and remarkable luminescence. Polyhedron, 2017, 129, 105-113.	1.0	9
86	An efficient route for design of luminescent composite materials based on polyethylene containing europium dibenzoylmethanate. New Journal of Chemistry, 2017, 41, 13663-13672.	1.4	7
87	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.	0.3	4
88	BODIPY dyes with thienyl- and dithienylthio-substituents â€“ synthesis, redox and fluorescent properties. Dalton Transactions, 2017, 46, 17093-17100.	1.6	5
89	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.	1.3	26
90	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.	0.3	8

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91	New Fluorescent Hybrid Materials Based on Eu-Complexes in Oxyfluoride Glass and Glass-Ceramic Matrix. Periodica Polytechnica: Chemical Engineering, 2016, 60, 152-156.	0.5	4
92	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.	0.3	3
93	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.	0.4	1
94	Effective electroluminescent materials for OLED applications based on lanthanide 1.3-diketonates bearing pyrazole moiety. Journal of Luminescence, 2016, 177, 31-39.	1.5	65
95	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.	0.3	6
96	Efficient red organic light-emitting diode based on simple Pt(II) OË†N- complex. Dyes and Pigments, 2016, 135, 80-85.	2.0	3
97	Aqueous Complexation of Y^{III}, La^{III}, Nd^{III}, Sm^{III}, Eu^{III}, and Yb^{III} with Some Heterocyclic Substituted Î²â€Ðiketones. European Journal of Inorganic Chemistry, 2015, 2015, 1074-1082.	1.0	21
98	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.	1.6	17
99	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.	0.3	1
100	Luminescent hybrid materials based on an europium organic complex and borate glasses. Journal of Non-Crystalline Solids, 2015, 429, 213-218.	1.5	21
101	Direct Electrophilic Acylation of N-Substituted Pyrazoles by Anhydrides of Carboxylic Acids. Synthesis, 2015, 47, 2496-2496.	1.2	3
102	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.	0.3	4
103	An unexpected electro-luminescent properties of scandium(III) heteroaromatic 1,3-diketonate complex. Inorganica Chimica Acta, 2014, 414, 234-239.	1.2	6
104	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.	0.3	7
105	Organic light-emitting devices with multi-shell quantum dots connected with polythiophene derivatives. Semiconductors, 2014, 48, 377-380.	0.2	3
106	Optimization of carrier mobility in luminescence layers based on europium Î²-diketonates in hybrid light-emitting structures. Semiconductors, 2014, 48, 369-372.	0.2	10
107	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.	0.3	4
108	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.	0.3	1

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109	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.	0.3	5
110	Luminescent characteristics of some mesogenic tris(Î²-diketonate) europium(III) complexes with Lewis bases. Russian Journal of Physical Chemistry A, 2013, 87, 2108-2111.	0.1	7
111	Unexpected formation of a 1,2-diketone from a 1,3-diketone mediated by lanthanides. Tetrahedron Letters, 2013, 54, 1704-1706.	0.7	6
112	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.	0.3	22
113	Direct Electrophilic Acylation of N-Substituted Pyrazoles by Anhydrides of Carboxylic Acids. Synthesis, 2013, 45, 2188-2192.	1.2	7
114	An Efficient Synthesis of Isomeric 1â€(1â€Alkylâ€1 Hâ€pyrazolyl) Ethanones. Journal of Heterocyclic Chemistry, 2012, 49, 1422-1424.	1.4	7
115	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.	0.1	0
116	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.	0.3	2
117	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.	0.3	2
118	Improved Synthesis of 1H-Pyrazole-4-carbaldehyde. Synthetic Communications, 2011, 41, 2430-2434.	1.1	12
119	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.	2.5	23
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