

Grigory A Kim

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Fluorescent Detection of 2,4-DNT and 2,4,6-TNT in Aqueous Media by Using Simple Water-Soluble Pyrene Derivatives. <i>Chemistry - an Asian Journal</i> , 2016, 11, 775-781.	1.7	44
2	Dinuclear lanthanide-lithium complexes based on fluorinated β -diketonate with acetal group: magnetism and effect of crystal packing on mechanoluminescence. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 40-49.	3.0	33
3	New 2 H -[1,2,3]triazolo[4,5- e][1,2,4]triazolo[1,5- a]pyrimidine derivatives as luminescent fluorophores for detection of nitroaromatic explosives. <i>Tetrahedron</i> , 2016, 72, 4954-4961.	1.0	29
4	High-performance electrochromic supercapacitor based on quinacridone dye with good specific capacitance, fast switching time and robust stability. <i>Chemical Engineering Journal</i> , 2022, 431, 133733.	6.6	29
5	Colorless to Multicolored, Fast Switching, and Highly Stable Electrochromic Devices Based on Thermally Cross-Linking Copolymer. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 41826-41835.	4.0	23
6	Fundamental absorption edge of NiO nanocrystals. <i>Physica B: Condensed Matter</i> , 2013, 430, 1-5.	1.3	18
7	Europium complex of 5-(4-dodecyloxyphenyl)2,2'-bipyridine-6'-carboxylic acid. <i>Mendeleev Communications</i> , 2017, 27, 394-396.	0.6	18
8	5-(Methylidene)barbituric acid as a new anchor unit for dye-sensitized solar cells (DSSC). <i>Arkivoc</i> , 2014, 2014, 123-131.	0.3	16
9	DTTA-appended 6-phenyl- and 5,6-diphenyl-2,2'-bipyridines as new water soluble ligands for lanthanide cations. <i>Polyhedron</i> , 2017, 134, 59-64.	1.0	16
10	Fundamental Aspects of Xanthene Dye Aggregation on the Surfaces of Nanocluster Polyoxometalates: H ₂ O to J ₂ Aggregate Switching. <i>Chemistry - A European Journal</i> , 2020, 26, 5685-5693.	1.7	15
11	An efficient synthetic approach to 4 β ,5 β -triaryl-2,2':6 β ,2 β '-terpyridines. <i>Tetrahedron Letters</i> , 2016, 57, 296-299.	0.7	13
12	Photoinduced charge transfer in the supramolecular structure based on toroid polyoxomolibdate Mo ₁₃₈ and xanthene dye " Rhodamine-B. <i>Inorganica Chimica Acta</i> , 2015, 436, 205-213.	1.2	12
13	A new synthetic approach to fused nine-ring systems of the indolo[3,2-b]carbazole family through double Pd-catalyzed intramolecular C-H arylation. <i>RSC Advances</i> , 2016, 6, 70106-70116.	1.7	12
14	(Benzo[h])Quinoliny-Substituted Monoazatriphenylenes: Synthesis and Photophysical Properties. <i>Chemistry of Heterocyclic Compounds</i> , 2014, 50, 864-870.	0.6	11
15	The Extension of Conjugated System in Pyridyl-Substituted Monoazatriphenylenes for the Tuning of Photophysical Properties. <i>Chemistry of Heterocyclic Compounds</i> , 2014, 50, 871-879.	0.6	11
16	Iontophoretic transport of associates based on porous Keplerate-type cluster polyoxometalate Mo ₇₂ Fe ₃₀ and containing biologically active substances. <i>Russian Journal of Physical Chemistry A</i> , 2017, 91, 1811-1815.	0.1	11
17	β -Extended fluorophores based on 5-aryl-2,2'-bipyridines: synthesis and photophysical studies. <i>Mendeleev Communications</i> , 2017, 27, 602-604.	0.6	11
18	Regioselective C2- and C8-Acylation of 5,11-Dihydroindolo[3,2-b]carbazoles and the Synthesis of Their 2,8-Bis(quinoxaliny) Derivatives. <i>Synthesis</i> , 2015, 47, 3561-3572.	1.2	10

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19	An efficient synthetic approach towards new 5,5'-diaryl-2,2'-bipyridine-based fluorophores. <i>Chinese Chemical Letters</i> , 2017, 28, 1099-1103.	4.8	10
20	Synthesis and luminescence of new water-soluble lanthanide complexes of DTTA-containing 4-(4-methoxyphenyl)-2,2'-bipyridine. <i>Inorganica Chimica Acta</i> , 2018, 478, 49-53.	1.2	10
21	Azapyrene-based fluorophores: synthesis and photophysical properties. <i>New Journal of Chemistry</i> , 2021, 45, 20955-20971.	1.4	10
22	Pot, Atom, Step Economic (PASE) Approach towards 5,5'-diaryl-2,2'-bipyridines: Synthesis and Photophysical Studies. <i>ChemistrySelect</i> , 2018, 3, 340-347.	0.7	9
23	Highly Luminescent DTTA-Appended Water-Soluble Lanthanide Complexes of 4-(Het)aryl-2,2'-bipyridines: Synthesis and Photophysical Properties. <i>ChemistrySelect</i> , 2019, 4, 6377-6381.	0.7	9
24	Synthesis and photophysical studies of new organic-soluble lanthanide complexes of 4-(4-alkoxyphenyl)-2,2'-bipyridine-6-carboxylic acids. <i>Journal of Molecular Structure</i> , 2019, 1176, 583-590.	1.8	9
25	5-Aryl-2,2'-bipyridines bearing fluorinated anilines residues at C6 position: synthesis and photophysical properties. <i>Research on Chemical Intermediates</i> , 2020, 46, 3929-3944.	1.3	9
26	Synthesis, photochemical and luminescent properties of (E)-2-(2-hydroxyarylethylene)-3-phenylquinazolin-4(3H)-ones. <i>Russian Chemical Bulletin</i> , 2014, 63, 2467-2477.	0.4	8
27	Functionalized 2-(5-arylpyridin-2-yl)quinolines: synthesis and photophysical properties. <i>Russian Chemical Bulletin</i> , 2015, 64, 872-877.	0.4	8
28	Water-soluble luminescent lanthanide complexes based on C6-DTTA-appended 5-aryl-2,2'-bipyridines. <i>Polyhedron</i> , 2020, 181, 114473.	1.0	8
29	Preparation of 5,6'-diaryl-2,2'-bipyridines using a 1,2,4-triazine methodology. <i>Russian Chemical Bulletin</i> , 2015, 64, 897-900.	0.4	7
30	Synthesis, photochemical and luminescent properties of ortho-hydroxystyrylquinazolinone-linked benzocrown ethers. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 351, 16-28.	2.0	7
31	New push-pull system based on 4,5,6-tri(het)arylpyrimidine containing carbazole substituents: synthesis and sensitivity toward nitroaromatic compounds. <i>Chemistry of Heterocyclic Compounds</i> , 2018, 54, 604-611.	0.6	6
32	Synthesis of unsymmetric 6,6'-diaryl-2,2'-bipyridines using a 1,2,4-triazine methodology. <i>Russian Chemical Bulletin</i> , 2015, 64, 695-698.	0.4	5
33	Asymmetrically substituted 5,5'-diaryl-2,2':6,6',2,2'-terpyridines as efficient fluorescence return-on-probes for Zn ²⁺ in food/cosmetic samples and human urine. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 408, 113101.	2.0	5
34	Oxidative C-H/C-H Coupling of Dipyrrmethanes with Azines by TiO ₂ -Based Photocatalytic System. Synthesis of New BODIPY Dyes and Their Photophysical and Electrochemical Properties. <i>Molecules</i> , 2021, 26, 5549.	1.7	5
35	Highly-luminescent DTTA-appended lanthanide complexes of 4-(multi)fluoroaryl-2,2'-bipyridines: Synthesis and photophysical studies. <i>Polyhedron</i> , 2021, 195, 114962.	1.0	4
36	Tripod-type 2,2'-bipyridine ligand for lanthanide cations: synthesis and photophysical studies on coordination to transition metal cations. <i>Canadian Journal of Chemistry</i> , 2018, 96, 419-424.	0.6	3

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37	2,7-Diazapyrenes: a brief review on synthetic strategies and application opportunities. RSC Advances, 2022, 12, 9323-9341.	1.7	3
38	Neutral Lanthanide Complexes of 3-aryl-6-(quinolin-2-yl)picolinic Acids: Synthesis and Photophysical Studies. ChemistrySelect, 2020, 5, 9210-9213.	0.7	2
39	Synthesis and Luminescent Properties of Functionalized Bipyridyl Based Eu Complexes. ChemistrySelect, 2020, 5, 9180-9183.	0.7	2
40	Charge transfer transitions in optical spectra of NiMg1-cO oxides. Low Temperature Physics, 2017, 43, 520-525.	0.2	1
41	Complex of Cadmium(II) Iodide with 3,4-Diphenyl-1-(Pyridin-2-yl)-6,7-Dihydro-5H-Cyclopenta[c]pyridine: Synthesis and X-ray Diffraction Study. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2019, 45, 92-96.	0.3	1
42	(E)-2-(Hydroxystyryl)-3-phenylquinazolin-4(3H)-ones: synthesis, photochemical and luminescent properties. Arkivoc, 2019, 2018, 266-277.	0.3	1
43	Synthesis of new water-soluble polyarene-substituted naphtho[1,2-d]oxazole-based fluorophores as fluorescent dyes and biological photosensitizers. Dyes and Pigments, 2022, 204, 110410.	2.0	1
44	Pericyclic reactions in the synthesis of new 5-aryl-5,6-dihydroquinolino[2,1-b]quinazolin-12-ones. Mendeleev Communications, 2019, 29, 135-137.	0.6	0