# Grigory A Kim

List of Publications by Year
in descending order



| 44 | 476 | 758635 12 | 794141 19 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 47 | 47 | 47 | 441 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | High-performance electrochromic supercapacitor based on quinacridone dye with good specific capacitance, fast switching time and robust stability. Chemical Engineering Journal, 2022, 431, 133733. | 6.6 | 29 |
| 2 | 2,7-Diazapyrenes: a brief review on synthetic strategies and application opportunities. RSC Advances, 2022, 12, 9323-9341. | 1.7 | 3 |
| 3 | 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 |
| 4 | Highly-luminescent DTTA-appended lanthanide complexes of 4-(multi)fluoroaryl-2,2â€²-bipyridines: Synthesis and photophysical studies. Polyhedron, 2021, 195, 114962. | 1.0 | 4 |
| 5 | Asymmetrically substituted 5,5â€²â€²-diaryl-2,2â€²:6â€²,2â€²â€²-terpyridines as efficient fluorescence â€œturn-onâ€•probes for Zn2+ in food/cosmetic samples and human urine. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 408, 113101. | 2.0 | 5 |
| 6 | Colorless to Multicolored, Fast Switching, and Highly Stable Electrochromic Devices Based on Thermally Cross-Linking Copolymer. ACS Applied Materials & Interfaces, 2021, 13, 41826-41835. | 4.0 | 23 |
| 7 | Oxidative C-H/C-H Coupling of Dipyrromethanes with Azines by TiO2-Based Photocatalytic System. Synthesis of New BODIPY Dyes and Their Photophysical and Electrochemical Properties. Molecules, 2021, 26, 5549. | 1.7 | 5 |
| 8 | Azapyrene-based fluorophores: synthesis and photophysical properties. New Journal of Chemistry, 2021, 45, 20955-20971. | 1.4 | 10 |
| 9 | Neutral Lanthanide Complexes of 3â€Arylâ€6â€(quinolinâ€2â€yl)picolinic Acids: Synthesis and Photophysical Studies. ChemistrySelect, 2020, 5, 9210-9213. | 0.7 | 2 |
| 10 | Synthesis and Luminescent Properties of Functionalized Bipyridyl Based Eu Complexes. ChemistrySelect, 2020, 5, 9180-9183. | 0.7 | 2 |
| 11 | 5-Aryl-2,2â€²-bipyridines bearing fluorinated anilines residues at C6 position: synthesis and photophysical properties. Research on Chemical Intermediates, 2020, 46, 3929-3944. | 1.3 | 9 |
| 12 | Water-soluble luminescent lanthanide complexes based on C6-DTTA-appended 5-aryl-2,2â€²-bipyridines. Polyhedron, 2020, 181, 114473. | 1.0 | 8 |
| 13 | Fundamental Aspects of Xanthene Dye Aggregation on the Surfaces of Nanocluster Polyoxometalates: Hâ€to Jâ€Aggregate Switching. Chemistry - A European Journal, 2020, 26, 5685-5693. | 1.7 | 15 |
| 14 | 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 |
| 15 | Highlyâ€Luminescent DTTAâ€Appended Waterâ€Soluble Lanthanide Complexes of 4â€(Het)arylâ€2,2â€²â€bipyridines: Synthesis and Photophysical Properties. ChemistrySelect, 2019, 4, 6377-6381. | 0.7 | 9 |
| 16 | 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 |
| 17 | (E)-2-(Hydroxystyryl)-3-phenylquinazolin-4(3H)-ones: synthesis, photochemical and luminescent properties. Arkivoc, 2019, 2018, 266-277. | 0.3 | 1 |
| 18 | Dinuclear lanthanideâ€“lithium complexes based on fluorinated Î²-diketonate with acetal group: magnetism and effect of crystal packing on mechanoluminescence. Inorganic Chemistry Frontiers, 2019, 6, 40-49. | 3.0 | 33 |

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|---|---|---|---|
| 19 | Synthesis and photophysical studies of new organic-soluble lanthanide complexes of 4-(4-alkoxyphenyl)-2,2â€²-bipyridine-6-carboxylic acids. Journal of Molecular Structure, 2019, 1176, 583-590. | 1.8 | 9 |
| 20 | Tripod-type 2,2â€²-bipyridine ligand for lanthanide cations: synthesis and photophysical studies on coordination to transition metal cations. Canadian Journal of Chemistry, 2018, 96, 419-424. | 0.6 | 3 |
| 21 | Pot, Atom, Step Economic (PASE) Approach towards (Aza)â€2,2â€²â€Bipyridines: Synthesis and Photophysical Studies. ChemistrySelect, 2018, 3, 340-347. | 0.7 | 9 |
| 22 | Synthesis and luminescence of new water-soluble lanthanide complexes of DTTA-containing 4-(4-methoxyphenyl)-2,2â€²-bipyridine. Inorganica Chimica Acta, 2018, 478, 49-53. | 1.2 | 10 |
| 23 | Synthesis, photochemical and luminescent properties of ortho-hydroxystyrylquinazolinone-linked benzocrown ethers. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 351, 16-28. | 2.0 | 7 |
| 24 | New pushâ€“pull system based on 4,5,6-tri(het)arylpyrimidine containing carbazole substituents: synthesis and sensitivity toward nitroaromatic compounds. Chemistry of Heterocyclic Compounds, 2018, 54, 604-611. | 0.6 | 6 |
| 25 | An efficient synthetic approach towards new 5,5â€™-diaryl-2,2â€™-bipyridine-based fluorophores. Chinese Chemical Letters, 2017, 28, 1099-1103. | 4.8 | 10 |
| 26 | DTTA-appended 6-phenyl- and 5,6-diphenyl-2,2â€²-bipyridines as new water soluble ligands for lanthanide cations. Polyhedron, 2017, 134, 59-64. | 1.0 | 16 |
| 27 | Charge transfer transitions in optical spectra of NicMg1-cO oxides. Low Temperature Physics, 2017, 43, 520-525. | 0.2 | 1 |
| 28 | Iontophoretic transport of associates based on porous Keplerate-type cluster polyoxometalate Mo72Fe30 and containing biologically active substances. Russian Journal of Physical Chemistry A, 2017, 91, 1811-1815. | 0.1 | 11 |
| 29 | Europium complex of 5-(4-dodecyloxyphenyl)2,2 â€™ -bipyridine-6 â€™ -carboxylic acid. Mendeleev Communications, 2017, 27, 394-396. | 0.6 | 18 |
| 30 | Ï€-Extended fluorophores based on 5-aryl-2,2 â€™ -bipyridines: synthesis and photophysical studies. Mendeleev Communications, 2017, 27, 602-604. | 0.6 | 11 |
| 31 | 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. Tetrahedron, 2016, 72, 4954-4961. | 1.0 | 29 |
| 32 | Fluorescent Detection of 2,4â€DNT and 2,6â€TNT in Aqueous Media by Using Simple Waterâ€Soluble Pyrene Derivatives. Chemistry - an Asian Journal, 2016, 11, 775-781. | 1.7 | 44 |
| 33 | A new synthetic approach to fused nine-ring systems of the indolo[3,2-b]carbazole family through double Pd-catalyzed intramolecular Câ€“H arylation. RSC Advances, 2016, 6, 70106-70116. | 1.7 | 12 |
| 34 | An efficient synthetic approach to 4â€²,5,5â€³-triaryl-2,2â€²:6â€²,2â€³-terpyridines. Tetrahedron Letters, 2016, 57, 296-299. | 0.7 | 13 |
| 35 | Functionalized 2-(5-arylpyridin-2-yl)quinolines: synthesis and photophysical properties. Russian Chemical Bulletin, 2015, 64, 872-877. | 0.4 | 8 |
| 36 | Preparation of 5,6Â´-diaryl-2,2Â´-bipyridines using a 1,2,4-triazine methodology. Russian Chemical Bulletin, 2015, 64, 897-900. | 0.4 | 7 |

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|---|---|---|---|
| 37 | Regioselective C2- and C8-Acylation of 5,11-Dihydroindolo[3,2-b]carbazoles and the Synthesis of Their 2,8-Bis(quinoxalinyl) Derivatives. Synthesis, 2015, 47, 3561-3572. | 1.2 | 10 |
| 38 | Synthesis of unsymmetric 6,6Â´-diaryl-2,2Â´-bipyridines using a 1,2,4-triazine methodology. Russian Chemical Bulletin, 2015, 64, 695-698. | 0.4 | 5 |
| 39 | Photoinduced charge transfer in the supramolecular structure based on toroid polyoxomolibdate Mo138 and xanthene dye â€“ Rhodamine-B. Inorganica Chimica Acta, 2015, 436, 205-213. | 1.2 | 12 |
| 40 | Synthesis, photochemical and luminescent properties of (E)-2-(2-hydroxyarylethylene)-3-phenylquinazolin-4(3H)-ones. Russian Chemical Bulletin, 2014, 63, 2467-2477. | 0.4 | 8 |
| 41 | (Benzo[h])Quinolinyl-Substituted Monoazatriphenylenes: Synthesis and Photophysical Properties. Chemistry of Heterocyclic Compounds, 2014, 50, 864-870. | 0.6 | 11 |
| 42 | The Extension of Conjugated System in Pyridyl-Substituted Monoazatriphenylenes for the Tuning of Photophysical Properties. Chemistry of Heterocyclic Compounds, 2014, 50, 871-879. | 0.6 | 11 |
| 43 | 5-(Methylidene)barbituric acid as a new anchor unit for dye-sensitized solar cells (DSSC). Arkivoc, 2014, 2014, 123-131. | 0.3 | 16 |
| 44 | Fundamental absorption edge of NiO nanocrystals. Physica B: Condensed Matter, 2013, 430, 1-5. | 1.3 | 18 |