

# Vladimir A Kuzmin

## List of Publications by Year in descending order

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24  
papers

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citations

933447

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996975

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24  
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24  
docs citations

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times ranked

264  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dihydroquinolylazotetrazole dyes in aqueous solutions: Effect of substituents and pH on spectral properties, acid-base equilibria and thermal Zâ€™E isomerization. <i>Dyes and Pigments</i> , 2022, 199, 110097.	3.7	1
2	Cholesteric liquid-crystalline DNA â€™ a new type of chemical detector of ionizing radiation. <i>Liquid Crystals</i> , 2022, 49, 1359-1366.	2.2	4
3	Comparison of quenching efficacy of SYBR Green I and PicoGreen fluorescence by ultrasmall gold nanoparticles in isotropic and liquid-crystalline DNA systems. <i>Journal of Molecular Liquids</i> , 2021, 321, 114751.	4.9	10
4	The synthetic fluorinated tetracarboranylchlorin as a versatile antitumor photoradiosensitizer. <i>Dyes and Pigments</i> , 2021, 186, 108993.	3.7	10
5	Photoinduced electron transfer from electron donor to bis-carbocyanine dye in excited triplet state. <i>Mendeleev Communications</i> , 2021, 31, 68-69.	1.6	4
6	Intramolecular photo-driven charge transfer in a series of pyridyl substituted phenyloxazoles. Structural relaxation in meta-substituted ethylpyridinium derivative of phenyloxazole. <i>Photochemical and Photobiological Sciences</i> , 2021, 20, 1419-1428.	2.9	0
7	Dihydroquinolylazotetrazole dyes: Effect of a substituent at the tetrazole fragment on spectral properties and thermal â€™ isomerization in organic solvents. <i>Dyes and Pigments</i> , 2021, 195, 109675.	3.7	3
8	Fluorescence superquenching of SYBR Green I in crowded DNA by gold nanoparticles. <i>Journal of Luminescence</i> , 2020, 219, 116898.	3.1	12
9	Photochemical properties of new bis-cyanine dye as a promising agent for in vivo imaging. <i>Mendeleev Communications</i> , 2020, 30, 442-444.	1.6	5
10	Fluorescence characteristics of lipofuscin fluorophores from human retinal pigment epithelium. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 920-930.	2.9	20
11	Photoactivated biscarbocyanine dye with two conjugated chromophores: complexes with albumin, photochemical and phototoxic propertiesâ€™. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 2461-2468.	2.9	8
12	Î²-Maleimide substituted meso-arylporphyrins: Synthesis, transformations, physico-chemical and antitumor properties. <i>Dyes and Pigments</i> , 2019, 171, 107760.	3.7	16
13	Dichloromethane as solvent and reagent: a case study of photoinduced reactions in mixed phosphoniumâ€™iodonium ylide. <i>Journal of Physical Organic Chemistry</i> , 2018, 31, e3844.	1.9	11
14	Spectral analysis of fundus autofluorescence pattern as a tool to detect early stages of degeneration in the retina and retinal pigment epithelium. <i>Eye</i> , 2018, 32, 1440-1448.	2.1	23
15	Acridine orange interaction with DNA: Effect of ionic strength. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 900-909.	2.4	18
16	Phototransformation of cyanine dye with two chromophores. Effects of oxygen and dye concentration. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 349, 42-48.	3.9	16
17	Complex formation of albumin with tricarbocyanine dyes containing phosphonate groups. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 1377-1384.	2.9	13
18	Novel hetarylazo dyes containing tetrazole and hydroquinoline moieties: spectral characteristics, solvatochromism and photochemistry. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 1558-1566.	2.9	6

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19	Stepwise versus Concerted Mechanism of Photoinduced Proton Transfer in <i>sec</i> -1,2-Dihydroquinolines: Effect of Excitation Wavelength and Solvent Composition. <i>Journal of Physical Chemistry B</i> , 2015, 119, 2490-2497.	2.6	2
20	Microphase Mechanism of "Superquenching" of Luminescent Probes in Aqueous Solutions of DNA and Some Other Polyelectrolytes. <i>Journal of Physical Chemistry B</i> , 2014, 118, 4245-4252.	2.6	5
21	Light-induced transformations of 1,2-dihydroquinolines: opening of the heterocycle, radical formation and photoinduced proton transfer. <i>Russian Chemical Reviews</i> , 2012, 81, 983-993.	6.5	6
22	1,3-dipolar cycloaddition in the synthesis of glycoconjugates of natural chlorins and bacteriochlorins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009, 13, 336-345.	0.8	25
23	Ultrafast excited state proton transfer dynamics of 1,2-dihydroquinolines in methanol solution. <i>Photochemical and Photobiological Sciences</i> , 2006, 5, 815.	2.9	15
24	Flash photolysis investigation of the reaction of phenylselanyl radicals with hexabutyl-distannane. <i>Perkin Transactions II RSC</i> , 2000, , 107-109.	1.1	8