Vladislav Kudrya

List of Publications by Year in descending order

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28	207	933447 10	1058476 14
papers	citations	h-index	g-index

28	28	28	235
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The nature of the electronic excitations capturing centres in the DNA. Journal of Molecular Liquids, 2006, 127, 79-83.	4.9	25
2	Optical Response of the Polynucleotides-Proteins Interaction. Molecular Crystals and Liquid Crystals, 2011, 535, 93-110.	0.9	25
3	Electronic Excitation Energy Transfer in DNA. Nature of Triplet Excitations Capturing Centers. Molecular Crystals and Liquid Crystals, 2007, 467, 311-323.	0.9	19
4	Physico-chemical study of sucrose and calcium ions interactions in alkaline aqueous solutions. Macromolecular Symposia, 2001, 166, 203-208.	0.7	18
5	Two-Photon Excited Luminescent Styryl Dyes as Probes for the DNA Detection and Imaging. Photostability and Phototoxic Influence on DNA. Molecular Crystals and Liquid Crystals, 2007, 467, 325-338.	0.9	15
6	Laser-Induced Periodic Ag Surface Structure with Au Nanorods Plasmonic Nanocavity Metasurface for Strong Enhancement of Adenosine Nucleotide Label-Free Photoluminescence Imaging. ACS Omega, 2020, 5, 14030-14039.	3.5	15
7	Plasmonic Nanocavity Metasurface Based on Laser-Structured Silver Surface and Silver Nanoprisms for the Enhancement of Adenosine Nucleotide Photoluminescence. ACS Applied Nano Materials, 2019, 2, 7152-7161.	5.0	12
8	The spectral properties of DNA and RNA macromolecules at low temperatures: fundamental and applied aspects. Methods and Applications in Fluorescence, 2017, 5, 014001.	2.3	11
9	Multifunctional Macromolecules and Structures as One-Way Exciton Conductors. Molecular Crystals and Liquid Crystals, 2000, 353, 287-300.	0.3	10
10	Synthesis and spectral investigation of alkyl methacrylates with halogenated carbazolyl pendant groups for photonics applications. Journal of Applied Polymer Science, 2002, 84, 1650-1656.	2.6	10
11	The Peculiarities of the RNA Luminescence. Molecular Crystals and Liquid Crystals, 2008, 497, 93/[425]-100/[432].	0.9	9
12	Optical Biomedical Diagnostics: Sensors with Optical Response Based on Two-Photon Excited Luminescent Dyes for Biomolecules Detection. Advances in Optical Technologies, 2008, 2008, 1-11.	0.8	6
13	The effect of noble metal atom incorporation on DNA spectral properties and its stability under irradiation. Journal of Molecular Liquids, 2010, 153, 159-161.	4.9	6
14	The peculiarities of sorbtion mechanism of phenole molecules by films of PVA-PAAN interpolymer complex. Macromolecular Symposia, 2001, 166, 243-248.	0.7	3
15	The optical biomedical sensors for DNA detection and imaging based on two-photon excited luminescent styryl dyes: phototoxic influence on the DNA. Proceedings of SPIE, 2007, , .	0.8	3
16	Synthetic and Biological Functional Compounds with Direct Excitons Conductivity for Nanoelectronic Devices. Molecular Crystals and Liquid Crystals, 2007, 468, 275/[627]-288/[640].	0.9	3
17	The Spectral Properties of the Telomere Fragments. Ukrainian Journal of Physics, 2016, 61, 516-518.	0.2	3
18	Some functional macromolecules as exciton converters. , 1996, , .		2

#	Article	IF	Citations
19	Space configuration and luminescence properties of polyphosphazenes with carbazole-containing side groups. Journal of Molecular Liquids, 2003, 105, 185-190.	4.9	2
20	Functional Organic Structures with Neutral and Charge Electronic Excitations Transfer for Molecular Electronics. Molecular Crystals and Liquid Crystals, 2008, 496, 39-50.	0.9	2
21	Spectral Properties of Single-Stranded Viral DNA Fragment. Ukrainian Journal of Physics, 2018, 63, 912.	0.2	2
22	Low-Temperature Luminescent Studies of Emissive Guanine Substitute for the Detection of Biopolymers. Ukrainian Journal of Physics, 2020, 65, 317.	0.2	2
23	New insights in the properties of cellulose in phosphoric acid: viscometric study. Macromolecular Symposia, 2001, 166, 209-216.	0.7	1
24	The functional nanostructures based on the bipolymers fragments with unidirect excitations energy transfer for nanophotonics. Proceedings of SPIE, 2007, , .	0.8	1
25	Luminescence of telomeric fragments of DNA macromolecule. Molecular Crystals and Liquid Crystals, 2016, 639, 151-159.	0.9	1
26	Spectral investigation of alkyl polymethacrylates with halogenated carbazolyl pendant groups. Polimery, 2002, 47, 279-281.	0.7	1
27	Spectral properties of carbazole-containing polymers with phosphore groups in the main chain. , 2002, , .		0
28	The spectral investigations of interaction between high-molecular proteins and small adenine derivates. Low Temperature Physics, 2022, 48, 318-321.	0.6	0