

Olga Ryzhova

List of Publications by Year in descending order

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14
papers

191
citations

1040056

9
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

204
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel asymmetric monomethine cyanine dyes derived from sulfobetaine benzothiazolium moiety as potential fluorescent dyes for non-covalent labeling of DNA. <i>Dyes and Pigments</i> , 2016, 130, 122-128.	3.7	28
2	Aggregation behavior of novel heptamethine cyanine dyes upon their binding to native and fibrillar lysozyme. <i>Molecular BioSystems</i> , 2017, 13, 970-980.	2.9	23
3	Symmetric Meso-Chloro-Substituted Pentamethine Cyanine Dyes Containing Benzothiazolyl/Benzoselenazolyl Chromophores Novel Synthetic Approach and Studies on Photophysical Properties upon Interaction with bio-Objects. <i>Journal of Fluorescence</i> , 2016, 26, 177-187.	2.5	22
4	Newly synthesized benzanthrone derivatives as prospective fluorescent membrane probes. <i>Journal of Luminescence</i> , 2014, 146, 307-313.	3.1	18
5	Novel benzanthrone probes for membrane and protein studies. <i>Methods and Applications in Fluorescence</i> , 2016, 4, 034007.	2.3	18
6	Benzanthrone dyes as mediators of cascade energy transfer in insulin amyloid fibrils. <i>Journal of Molecular Liquids</i> , 2021, 324, 115102.	4.9	16
7	Novel synthetic approach to near-infrared heptamethine cyanine dyes and spectroscopic characterization in presence of biological molecules. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 328, 87-96.	3.9	15
8	Probing the amyloid protein aggregates with unsymmetrical monocationic trimethine cyanine dyes. <i>Journal of Molecular Liquids</i> , 2020, 311, 113287.	4.9	14
9	Association of novel monomethine cyanine dyes with bacteriophage MS2: A fluorescence study. <i>Journal of Molecular Liquids</i> , 2020, 302, 112569.	4.9	14
10	Spectroscopic and molecular docking studies of the interactions of monomeric unsymmetrical polycationic fluorochromes with DNA and RNA. <i>Dyes and Pigments</i> , 2020, 180, 108446.	3.7	9
11	Liposomes Integrated with Amyloid Hydrogels: a Novel Composite Drug Delivery Platform. <i>BioNanoScience</i> , 2020, 10, 446-454.	3.5	5
12	Förster resonance energy transfer between Thioflavin T and unsymmetrical trimethine cyanine dyes on amyloid fibril scaffold. <i>Chemical Physics Letters</i> , 2021, 785, 139127.	2.6	5
13	Location of Novel Benzanthrone Dyes in Model Membranes as Revealed by Resonance Energy Transfer. <i>Journal of Fluorescence</i> , 2014, 24, 899-907.	2.5	4
14	Functionalization of insulin nanofibrils with fluorophores involved in cascade Förster resonance energy transfer. <i>Molecular Systems Design and Engineering</i> , 0, , .	3.4	0