

Mykola Shandura

List of Publications by Year in descending order

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papers

400
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933447

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16
all docs

16
docs citations

16
times ranked

576
citing authors

#	ARTICLE	IF	CITATIONS
1	Essential-State Model for Polymethine Dyes: Symmetry Breaking and Optical Spectra. Journal of Physical Chemistry Letters, 2010, 1, 1800-1804.	4.6	94
2	Efficient Two-Photon Absorbing Acceptor- π -Acceptor Polymethine Dyes. Journal of Physical Chemistry A, 2010, 114, 6493-6501.	2.5	67
3	Nonlinear absorption in a series of Donor- π -Acceptor cyanines with different conjugation lengths. Journal of Materials Chemistry, 2009, 19, 7503.	6.7	62
4	A sensing mechanism for the detection of carbon nanotubes using selective photoluminescent probes based on ionic complexes with organic dyes. Light: Science and Applications, 2016, 5, e16028-e16028.	16.6	44
5	Two-Photon Absorption Spectrum of a Single Crystal Cyanine-like Dye. Journal of Physical Chemistry Letters, 2012, 3, 1222-1228.	4.6	27
6	Fluorescent labeling of proteins with amine-specific 1,3,2-(2H)-dioxaborine polymethine dye. Analytical Biochemistry, 2012, 420, 115-120.	2.4	18
7	Substituted xanthylocyanines. II. Pyroninocyanines. Dyes and Pigments, 2005, 66, 171-177.	3.7	16
8	D π A π D Dyes with a 1,3,2-Dioxaborine Cycle in the Polymethine Chain: Efficient Long-Wavelength Fluorophores. European Journal of Organic Chemistry, 2018, 2018, 240-246.	2.4	16
9	Emergence of Additional Visible-Range Photoluminescence Due to Aggregation of Cyanine Dye: Astraphloxin on Carbon Nanotubes Dispersed with Anionic Surfactant. Journal of Physical Chemistry C, 2016, 120, 20378-20386.	3.1	13
10	Self-Assembly for Two Types of J-Aggregates: cis-Isomers of Dye on the Carbon Nanotube Surface and Free Aggregates of Dye trans-Isomers. Journal of Physical Chemistry C, 2019, 123, 19903-19911.	3.1	13
11	Highly Fluorescent Dianionic Polymethines with a 1,3,2-Dioxaborine Core. Journal of Organic Chemistry, 2021, 86, 5227-5233.	3.2	10
12	New heterocyclic analogues of rhodamines. Dyes and Pigments, 2007, 73, 25-30.	3.7	8
13	A dioxaborine cyanine dye as a photoluminescence probe for sensing carbon nanotubes. Beilstein Journal of Nanotechnology, 2016, 7, 1991-1999.	2.8	5
14	Substituted xanthylocyanines, Part IV: Trinuclear dyes with a pyronine nucleus. Dyes and Pigments, 2008, 77, 369-373.	3.7	3
15	π -Hybrid π ™ mero-anionic polymethines with a 1,3,2-dioxaborine core. New Journal of Chemistry, 2022, 46, 1273-1285.	2.8	3
16	Dehydroacetic Acid Based Dioxaborine Styryl Dye: Effective Fluorescent Probe for Ammonia and Amine Detection. Key Engineering Materials, 2014, 605, 159-162.	0.4	1