

Vladimir I Chukharev

List of Publications by Year in descending order

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31
papers

782
citations

516710

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1092
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron transfer in oriented donor-acceptor dyads, intralayer charge migration, and formation of interlayer charge separated states in multi-layered Langmuir-Schaefer films. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 25195-25205.	2.8	1
2	Structural photoactivation of a full-length bacterial phytochrome. <i>Science Advances</i> , 2016, 2, e1600920.	10.3	94
3	Photophysical properties of Sn(IV)tetraphenylporphyrin-pyrene dyad with a β^2 -vinyl linker. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015, 19, 288-300.	0.8	6
4	The effect of thiophene substituents of fulleropyrrolidine acceptors on the performance of inverted organic solar cells. <i>Synthetic Metals</i> , 2014, 195, 193-200.	3.9	7
5	Charge-Transfer Dynamics in Poly(3-hexylthiophene):Perylenediimide-C ₆₀ Blend Films Studied by Ultrafast Transient Absorption. <i>Journal of Physical Chemistry C</i> , 2014, 118, 10625-10630.	3.1	8
6	Photochemical Behavior and Photolysis of Protonated Forms of Levofloxacin. <i>Photochemistry and Photobiology</i> , 2014, 90, 79-84.	2.5	4
7	Effects of Carbon-Metal-Carbon Linkages on the Optical, Photophysical, and Electrochemical Properties of Phosphametallacycle-Linked Coplanar Porphyrin Dimers. <i>Journal of the American Chemical Society</i> , 2012, 134, 1825-1839.	13.7	50
8	Preparation and Photophysical and Photoelectrochemical Properties of a Covalently Fixed Porphyrin-Chemically Converted Graphene Composite. <i>Chemistry - A European Journal</i> , 2012, 18, 4250-4257.	3.3	55
9	Photolysis and quantum-chemical calculations of the nalidixic acid radical states. <i>Russian Journal of General Chemistry</i> , 2012, 82, 323-328.	0.8	0
10	Photophysics and photoelectrochemical properties of nano hybrids consisting of fullerene-encapsulated single-walled carbon nanotubes and poly(3-hexylthiophene). <i>Energy and Environmental Science</i> , 2011, 4, 741-750.	30.8	60
11	Effects of fullerene encapsulation on structure and photophysical properties of porphyrin-linked single-walled carbon nanotubes. <i>Chemical Communications</i> , 2011, 47, 11781.	4.1	28
12	Directed photocurrent in Langmuir-Schaefer organic molecular films. <i>Bulletin of the Lebedev Physics Institute</i> , 2010, 37, 136-140.	0.6	1
13	Photoconductivity of thin organic films. <i>Applied Surface Science</i> , 2010, 256, 3900-3905.	6.1	16
14	Langmuir-Schaeffer Films from a π - π Stacking Perylenediimide Dye: Organization and Charge Transfer Properties. <i>Langmuir</i> , 2010, 26, 6630-6637.	3.5	36
15	Multicomponent Molecularly Controlled Langmuir-Blodgett Systems for Organic Photovoltaic Applications. <i>Journal of Physical Chemistry C</i> , 2010, 114, 8559-8567.	3.1	20
16	Photoinduced electron transfer in thin films of porphyrin-fullerene dyad and perylenetetracarboxidiimide. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 12525.	2.8	10
17	Vectorial photoinduced electron transfer in multicomponent film systems of poly(3-hexylthiophene), porphyrin-fullerene dyad, and perylenetetracarboxidiimide. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 1212.	2.9	6
18	Photoinduced charge transfer through films containing poly(hexylthiophene), phthalocyanine, and porphyrin-fullerene layers. <i>Thin Solid Films</i> , 2009, 517, 2988-2993.	1.8	19

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19	Role of a phthalocyanine–fullerene dyad in multilayered organic solar cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009, 203, 125-130.	3.9	19
20	Photochemical properties of porphyrin films covering curved surfaces of optical fibers. <i>Chemical Physics Letters</i> , 2009, 471, 290-294.	2.6	5
21	Energy and Electron Transfer in Multilayer Films Containing Porphyrin–Fullerene Dyad. <i>Journal of Physical Chemistry C</i> , 2009, 113, 3819-3825.	3.1	24
22	Photochemical properties of porphyrin films covering surfaces of tapered optical fibers. <i>Proceedings of SPIE</i> , 2009, , .	0.8	0
23	Influence of Alq3/Au cathode on stability and efficiency of a layered organic solar cell in air. <i>Solar Energy Materials and Solar Cells</i> , 2008, 92, 1416-1420.	6.2	74
24	Long-lived charge separated state in molecular films containing porphyrin–fullerene dyad. <i>Chemical Physics Letters</i> , 2008, 460, 241-244.	2.6	16
25	Photoinduced Electron Transfer and Photocurrent in Multicomponent Organic Molecular Films Containing Oriented Porphyrin-Fullerene Dyad. <i>Journal of Physical Chemistry C</i> , 2008, 112, 10256-10265.	3.1	23
26	Kinetics of Photoinduced Electron Transfer in Polythiophene–Porphyrin–Fullerene Molecular Films. <i>Journal of Physical Chemistry B</i> , 2006, 110, 19515-19520.	2.6	17
27	Photoinduced Electron Transfer in Self-Assembled Monolayers of Porphyrin–Fullerene Dyads on ITO. <i>Langmuir</i> , 2005, 21, 6385-6391.	3.5	59
28	Tuning the Ground-State and Excited-State Interchromophore Interactions in Porphyrin–Fullerene π -Stacks. <i>Journal of Physical Chemistry B</i> , 2004, 108, 16377-16385.	2.6	91
29	Spectroscopy of a terthiophene–vinylbenzoate. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 1044-1049.	2.9	10
30	Quantum yield and extinction measurements in strongly overlapping reactant and photoproduct absorption bands. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1989, 3, 397-410.	3.8	19
31	Quantum yield and extinction measurements in strongly overlapping reactant and photoproduct absorption bands. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1989, 3, 385-395.	3.8	4