

Alexander B Nepomnyashchii

List of Publications by Year in descending order

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16
papers

1,003
citations

687363

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940533

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docs citations

17
times ranked

1462
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemistry and Electrogenerated Chemiluminescence of BODIPY Dyes. <i>Accounts of Chemical Research</i> , 2012, 45, 1844-1853.	15.6	277
2	Synthesis, Photophysical, Electrochemical, and Electrogenerated Chemiluminescence Studies. Multiple Sequential Electron Transfers in BODIPY Monomers, Dimers, Trimers, and Polymer. <i>Journal of the American Chemical Society</i> , 2011, 133, 8633-8645.	13.7	227
3	Dependence of Electrochemical and Electrogenerated Chemiluminescence Properties on the Structure of BODIPY Dyes. Unusually Large Separation between Sequential Electron Transfers. <i>Journal of the American Chemical Society</i> , 2010, 132, 17550-17559.	13.7	100
4	Chemical and Electrochemical Dimerization of BODIPY Compounds: Electrogenerated Chemiluminescent Detection of Dimer Formation. <i>Journal of the American Chemical Society</i> , 2011, 133, 19498-19504.	13.7	94
5	Electrochemistry and Electrogenerated Chemiluminescence of <i>n</i> -Pentyl and Phenyl BODIPY Species: Formation of Aggregates from the Radical Ion Annihilation Reaction. <i>Journal of Physical Chemistry C</i> , 2010, 114, 14453-14460.	3.1	54
6	Synthesis, Photophysics, Electrochemistry and Electrogenerated Chemiluminescence of PEG-Modified BODIPY Dyes in Organic and Aqueous Solutions. <i>Journal of Physical Chemistry C</i> , 2013, 117, 5599-5609.	3.1	52
7	Synthesis, Photophysics, Electrochemistry, and Electrogenerated Chemiluminescence of a Homologous Set of BODIPY-Appended Bipyridine Derivatives. <i>Journal of Physical Chemistry C</i> , 2011, 115, 17993-18001.	3.1	35
8	Scanning Electrochemical Microscopy Study of Ion Annihilation Electrogenerated Chemiluminescence of Rubrene and [Ru(bpy) ₃] ²⁺ . <i>Journal of the American Chemical Society</i> , 2012, 134, 9240-9250.	13.7	33
9	Electrochemistry and electrogenerated chemiluminescence of thiophene and fluorene oligomers. Benzoyl peroxide as a coreactant for oligomerization of thiophene dimers. <i>Chemical Science</i> , 2012, 3, 2628.	7.4	26
10	Characterization of Ag ⁺ toxicity on living fibroblast cells by the ferrocenemethanol and oxygen response with the scanning electrochemical microscope. <i>Journal of Electroanalytical Chemistry</i> , 2013, 688, 61-68.	3.8	22
11	Oligothiophene Nanoparticles: Photophysical and Electrogenerated Chemiluminescence Studies. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 2035-2038.	4.6	21
12	Cyclic voltammetry studies of Cd ²⁺ and Zn ²⁺ complexation with hydroxyl-terminated polyamidoamine generation 2 dendrimer at a mercury microelectrode. <i>Journal of Electroanalytical Chemistry</i> , 2008, 621, 286-296.	3.8	17
13	Influence of the Aggregation of a Carbazole Thiophene Cyanoacrylate Sensitizer on Sensitized Photocurrents on ZnO Single Crystals. <i>Langmuir</i> , 2013, 29, 9362-9368.	3.5	16
14	Electrogenerated Chemiluminescence of BODIPY, Ru(bpy) ₃ ²⁺ , and 9,10-Diphenylanthracene Using Interdigitated Array Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 5931-5936.	8.0	12
15	Contrasting Electrogenerated Chemiluminescence for a Dissolved and Surface-Attached Carbazole Thiophene Cyanoacrylate Dye. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 14881-14885.	8.0	10
16	Atomic layer deposition of epitaxial layers of anatase on strontium titanate single crystals: Morphological and photoelectrochemical characterization. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2015, 33, 01A135.	2.1	6