

Sergey A Dobrynin

List of Publications by Year in descending order

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12
papers

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1162889

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#	ARTICLE	IF	CITATIONS
1	Synthesis of 3,4-Bis(hydroxymethyl)-2,2,5,5-tetraethylpyrrolidin-1-oxyl via 1,3-Dipolar Cycloaddition of Azomethine Ylide to Activated Alkene. <i>Journal of Organic Chemistry</i> , 2018, 83, 5392-5397.	1.7	24
2	Controlled/living polymerization of methyl methacrylate using new sterically hindered imidazoline nitroxides prepared via intramolecular 1,3-dipolar cycloaddition reaction. <i>Journal of Polymer Science Part A</i> , 2014, 52, 929-943.	2.5	20
3	Human Serum Albumin Labelled with Sterically-Hindered Nitroxides as Potential MRI Contrast Agents. <i>Molecules</i> , 2020, 25, 1709.	1.7	19
4	Stability of ZIF-8 Nanoparticles in Most Common Cell Culture Media. <i>Molecules</i> , 2022, 27, 3240.	1.7	17
5	Uptake of Cell-Penetrating Peptide RL2 by Human Lung Cancer Cells: Monitoring by Electron Paramagnetic Resonance and Confocal Laser Scanning Microscopy. <i>Molecules</i> , 2021, 26, 5442.	1.7	14
6	A Simple Method of Synthesis of 3-Carboxy-2,2,5,5-Tetraethylpyrrolidine-1-oxyl and Preparation of Reduction-Resistant Spin Labels and Probes of Pyrrolidine Series. <i>Molecules</i> , 2021, 26, 5761.	1.7	13
7	In situ distance measurements in a membrane transporter using maleimide functionalized orthogonal spin labels and 5-pulse electron-electron double resonance spectroscopy. <i>Journal of Magnetic Resonance Open</i> , 2022, 10-11, 100041.	0.5	11
8	2-Butyl-2-tert-butyl-5,5-diethylpyrrolidine-1-oxyls: Synthesis and Properties. <i>Molecules</i> , 2020, 25, 845.	1.7	10
9	Antibacterial activity of therapeutic agent-immobilized nanostructured TiCaPCON films against antibiotic-sensitive and antibiotic-resistant <i>Escherichia coli</i> strains. <i>Surface and Coatings Technology</i> , 2021, 405, 126538.	2.2	5
10	The effects of nitroxide structure upon 1H Overhauser dynamic nuclear polarization efficacy at ultralow-field. <i>Journal of Chemical Physics</i> , 2021, 155, 144203.	1.2	5
11	The Reactions of 6-(Hydroxymethyl)-2,2-dimethyl-1-azaspiro[4.4]nonanes with Methanesulfonyl Chloride or PPh ₃ -CBr ₄ . <i>Molecules</i> , 2021, 26, 6000.	1.7	2
12	Unexpected one-pot formation of the 1 <i>H</i> -6 <i>a</i> ,8 <i>a</i> -epiminotricyclopenta[<i>a</i>][<i>c</i>][<i>e</i>][8]annulene system from cyclopentanone, ammonia and dimethyl fumarate. Synthesis of highly strained polycyclic nitroxide and EPR study. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 2664-2670.	1.3	0