

Marek Pietrzak

List of Publications by Year in descending order

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430874

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39
times ranked

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#	ARTICLE	IF	CITATIONS
1	Aromatic Amines in Organic Synthesis. Part II. p-Aminocinnamaldehydes. <i>Molecules</i> , 2021, 26, 4360.	3.8	1
2	Preferential encapsulation of different conformers of ethyl 5-(4-dimethylaminophenyl)-3-amino-2,4-dicyanobenzoate in β -cyclodextrins. <i>Journal of Molecular Liquids</i> , 2020, 302, 112430.	4.9	3
3	Influence of the Nature of the Amino Group in Highly Fluorescent Difluoroborates Exhibiting Intramolecular Charge Transfer. <i>Journal of Organic Chemistry</i> , 2018, 83, 7779-7788.	3.2	22
4	Convenient Synthesis of p-Aminobenzoic Acids and their Methyl Esters. <i>Organic Preparations and Procedures International</i> , 2017, 49, 45-52.	1.3	4
5	Experimental and Theoretical Studies of the Spectroscopic Properties of Chalcone Derivatives. <i>Journal of Fluorescence</i> , 2017, 27, 537-549.	2.5	3
6	Synthesis, photophysical properties and systematic evaluations of new phenanthroimidazole fluorescent probe for bioimaging: Experimental and theoretical study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 166, 74-85.	3.8	21
7	Spectroscopic and nonlinear optical properties of new chalcone fluorescent probes for bioimaging applications: a theoretical and experimental study. <i>Journal of Molecular Modeling</i> , 2016, 22, 125.	1.8	25
8	Synthesis, spectroscopic, physicochemical properties and binding site analysis of 4-(1H-phenanthro[9,10-d]-imidazol-2-yl)-benzaldehyde fluorescent probe for imaging in cell biology: Experimental and theoretical study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 164, 112-122.	3.8	15
9	Conformational equilibrium in supramolecular chemistry: Dibutyltriuret case. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 2105-2116.	2.2	8
10	Association of <i>N</i> -(Pyridin-2-yl)- <i>N</i> ² -substituted Ureas with 2-Amino-1,8-naphthyridines and Benzoates: NMR and Quantum Chemical Studies of the Substituent Effect on Complexation. <i>Journal of Organic Chemistry</i> , 2013, 78, 7582-7593.	3.2	17
11	Substituent effects on the photophysical properties of fluorescent 2-benzoylmethylenequinoline difluoroboranes: A combined experimental and quantum chemical study. <i>Dyes and Pigments</i> , 2013, 99, 957-965.	3.7	42
12	5-Phenyl-1,2,3,4-tetrahydronaphthalene derivatives: Synthesis, spectroscopic and electrochemical investigation. <i>Dyes and Pigments</i> , 2013, 96, 63-70.	3.7	7
13	Styryl dye possessing donor-acceptor structure " Synthesis, spectroscopic and computational studies. <i>Dyes and Pigments</i> , 2013, 99, 673-685.	3.7	33
14	Applicability of hemicyanine phenyltrialkylborate salts as free radical photoinitiators in the visible light polymerization of acrylate. <i>Journal of Applied Polymer Science</i> , 2012, 123, 3535-3544.	2.6	5
15	Novel sulfur-containing benzophenone derivative as radical photoinitiator for photopolymerization. <i>Journal of Applied Polymer Science</i> , 2011, 122, 2604-2608.	2.6	23
16	Synthesis of tetramethylammonium phenyltrialkylborate salts by the addition of alkyllithium reagents to a triorganylborane or organoboranylhalides. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 2135-2141.	1.8	4
17	Dipole moment determination of 4-[N-(5,6,7,8-tetrahydroisoquinolinium-5-ylidene)methyl]-N,N-dialkylaniline iodides in solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 985-992.	3.9	4
18	Phenyltrialkylborates as co-initiators with cyanine dyes in visible light polymerization of acrylates. <i>Polymer</i> , 2011, 52, 2110-2119.	3.8	21

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19	Solvent Effects on the Spectroscopic Properties of Styrylquinolinium Dyes Series. <i>Journal of Fluorescence</i> , 2010, 20, 73-86.	2.5	20
20	Novel <i>N</i> -ethyl-2-styrylquinolinium iodides as sensitizers in the photoinitiated free-radical polymerization of trimethylolpropane triacrylate. II. <i>Journal of Applied Polymer Science</i> , 2010, 118, 165-172.	2.6	10
21	Tetramethylammonium phenyltrialkylborates as co-initiators with novel two-cationic styrylbenzimidazolium dyes in highly efficient, visible light polymerization of acrylate. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010, 214, 276-283.	3.9	14
22	Formation of cation-radical anion pairs derived from carboxybenzophenone-tetrabutylammonium salts. Pulse radiolysis studies. <i>Research on Chemical Intermediates</i> , 2009, 35, 389-399.	2.7	0
23	Unusually highly efficient, singlet state, visible light photoinitiators based on styrylbenzimidazolium phenyltributylborate photoredox pairs for vinyl monomers free radical polymerization. <i>Journal of Polymer Science Part A</i> , 2009, 47, 4119-4129.	2.3	13
24	Benzophenone-(phenylthio)acetic acid phosphonium salts as initiators of free-radical photopolymerization of vinyl monomers: Mechanistic studies. <i>Journal of Polymer Science Part A</i> , 2008, 46, 8013-8022.	2.3	5
25	Kinetics and mechanism of sensitized photooxidation of tetramethylammonium salt of 2-(phenylthio)acetic acid in solution. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 198, 250-255.	3.9	5
26	Silver-nanoparticle immobilized initiator and co-initiators for free radical polymerization. <i>Materials Letters</i> , 2008, 62, 4260-4262.	2.6	1
27	Benzophenone-Phenylthioacetic Acid Tetraalkylammonium Salts as Effective Initiators of Free-Radical Photopolymerization of Vinyl Monomers, Mechanistic Studies. <i>Macromolecules</i> , 2007, 40, 8642-8648.	4.8	14
28	Developing of Fluorescence Probes Based on Stilbazolium Salts for Monitoring Free Radical Polymerization Processes. II. <i>Journal of Fluorescence</i> , 2004, 14, 295-307.	2.5	25
29	A Novel Approach to the Preparation of Dissociative Electron Transfer Photoinitiators for Free Radical Polymerization. <i>Macromolecules</i> , 2004, 37, 41-44.	4.8	25
30	Hemicyanine dyes: synthesis, structure and photophysical properties. <i>Dyes and Pigments</i> , 2003, 58, 47-58.	3.7	40
31	Unexpected Hofmann Elimination in the Benzophenone-(Phenylthio)acetic Tetrabutylammonium Salt Photoredox System. <i>Journal of the American Chemical Society</i> , 2003, 125, 11182-11183.	13.7	17
32	Styrylpyridinium borate salts as dye photoinitiators of free-radical polymerization. <i>Journal of Polymer Science Part A</i> , 2002, 40, 1433-1440.	2.3	35
33	Free radical polymerization initiated via photoinduced intermolecular electron transfer process: kinetic study 3. <i>Polymer</i> , 1999, 40, 735-745.	3.8	49
34	Development of fluorescence probes based on stilbazolium salts for monitoring free radical polymerization processes. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1999, , 1909-1917.	0.9	28
35	Cyanine Borates Revisited. Application of the Marcus Equation for the Description of the Kinetics of Photoinitiated Free Radical Polymerization. IV.. <i>Macromolecules</i> , 1998, 31, 4651-4654.	4.8	50
36	Development of New Dyeing Photoinitiators Based on Azomethine Dyes. <i>Chemistry of Materials</i> , 1998, 10, 3555-3561.	6.7	20

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37	Generalization of the Kinetic Scheme for Photoinduced Polymerization via an Intermolecular Electron Transfer Process. 2. Application of the Marcus Theory. <i>Macromolecules</i> , 1996, 29, 5057-5064.	4.8	59
38	Kinetic studies of a new photoinitiator hybrid system based on camphorquinone-N-phenylglycine derivatives for laser polymerization of dental restorative and stereolithographic (3D) formulations. <i>Polymer</i> , 1996, 37, 4585-4591.	3.8	61