BronisÅ‚aw Marciniak

List of Publications by Year
in descending order

146	2,941	186209	223716
papers	citations	28 h-index	46 g-index

150	150	150	1939
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quenching of excited states by lanthanide ions and chelates in solution. Coordination Chemistry Reviews, 1990, 99, 55-87.	9.5	282
2	4-Carboxybenzophenone-sensitized photooxidation of sulfur-containing amino acids. Nanosecond laser flash photolysis and pulse radiolysis studies. Journal of the American Chemical Society, 1992, 114, 10279-10288.	6.6	97
3	Quenching of triplet states of aromatic ketones by sulfur-containing amino acids in solution. Evidence for electron transfer. The Journal of Physical Chemistry, 1993, 97, 11937-11943.	2.9	89
4	lipid formation induced by thiols in human monocytic leukemia cells. Free Radical Biology and Medicine, 2005, 38, 1180-1187.	1.3	73
5	Heteroaromatic Thiols as Co-initiators for Type II Photoinitiating Systems Based on Camphorquinone and Isopropylthioxanthone. Macromolecules, 2006, 39, 3777-3785.	2.2	73
6	Mechanism of One-Electron Oxidation of Î²-, Î³-, and Î´-Hydroxyalkyl Sulfides. Catalysis through Intramolecular Proton Transfer and Sulfurâ^'Oxygen Bond Formation. Journal of the American Chemical Society, 1997, 119, 8000-8011.	6.6	68
7	Stabilization of Sulfide Radical Cations through Complexation with the Peptide Bond:â€‰ Mechanisms Relevant to Oxidation of Proteins Containing Multiple Methionine Residues. Journal of Physical Chemistry B, 2007, 111, 9608-9620.	1.2	67
8	A Reevaluation of the Photolytic Properties of 2â€Hydroxybenzophenoneâ€Based UV Sunscreens: Are Chemical Sunscreens Inoffensive?. ChemPhysChem, 2015, 16, 628-633.	1.0	62
9	Photochemical properties of 1,3-diketonate transition metal chelates. Journal of Photochemistry and Photobiology A: Chemistry, 1990, 52, 1-25.	2.0	61
10	The 4-carboxybenzophenone-sensitized photooxidation of sulfur-containing amino acids in alkaline aqueous solutions. Secondary photoreactions kinetics. The Journal of Physical Chemistry, 1994, 98, 537-544.	2.9	59
11	Sulfur Radical Cationâ^'Peptide Bond Complex in the One-Electron Oxidation ofS-Methylglutathione. Journal of the American Chemical Society, 2007, 129, 9236-9245.	6.6	59
12	Mechanism of 4-carboxybenzophenone-sensitized photooxidation of methionine-containing dipeptides and tripeptides in aqueous solution. The Journal of Physical Chemistry, 1995, 99, 13560-13568.	2.9	56
13	Photosensitized oxidation of methionine derivatives. Laser flash photolysis studies. Research on Chemical Intermediates, 2009, 35, 497-506.	1.3	52
14	Sensitized photo-oxidation of sulfur-containing amino acids and peptides in aqueous solution. Journal of Photochemistry and Photobiology A: Chemistry, 1996, 95, 81-88.	2.0	50
15	Photoinduced Electron Transfer Polymerization. 4.â€“4-Carboxybenzophenoneâ^'Sulfur-Containing Carboxylic Acids Photoredox Pairs as a Photoinitiating System for Free-Radical Polymerization. Macromolecules, 2000, 33, 1577-1582.	2.2	44
16	Photoinduced Electron Transfer between Sulfur-Containing Carboxylic Acids and the 4-Carboxybenzophenone Triplet State in Aqueous Solution. The Journal of Physical Chemistry, 1994, 98, 4854-4860.	2.9	43
17	A reinvestigation of the mechanism of photoreduction of benzophenones by alkyl sulfides. Journal of Photochemistry and Photobiology A: Chemistry, 1994, 81, 159-168.	2.0	43
18	Photooxidation of Methionine Derivatives by the 4â€Carboxybenzophenone Triplet State in Aqueous Solution. Intracomplex Proton Transfer Involving the Amino Group. Photochemistry and Photobiology, 1998, 68, 785-796.	1.3	41

#	Article	IF	Citations
19	Excited Triplet State of N-(9-Methylpurin-6-yl)pyridinium Cation as an Efficient Photosensitizer in the Oxidation of Sulfur-Containing Amino Acids. Laser Flash and Steady-State Photolysis Studies. Journal of the American Chemical Society, 1995, 117, 127-134.	6.6	40
20	Trithianes as Coinitiators in Benzophenone-Induced Photopolymerizations. Macromolecules, 1999, 32, 2173-2179.	2.2	40
21	Stabilization and Reactions of Sulfur Radical Cations: Relevance to One-Electron Oxidation of Methionine in Peptides and Proteins. Chimia, 2008, 62, 728.	0.3	40
22	Quenching of the excited singlet state of acridine and 10-methylacridinium cation by thio-organic compounds in aqueous solution. Journal of Photochemistry and Photobiology A: Chemistry, 2002, 150, 21-30.	2.0	38
23	Photo-stability and photo-sensitizing characterization of selected sunscreensâ€™ ingredients. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 332, 241-250.	2.0	37
24	Comparison of Electron Transfer/Diffusion Models As Applied to Fluorescence Quenching Data. The Journal of Physical Chemistry, 1995, 99, 1478-1483.	2.9	35
25	Photo-oxidation of Methionine-containing Peptides by the 4-Carboxybenzophenone Triplet State in Aqueous Solution. Competition Between Intramolecular Two-centered Three-electron Bonded (Sâ^´S)+ and (Sâ^´N)+ FormationÂ¶. Photochemistry and Photobiology, 2000, 72, 1.	1.3	35
26	Spectroscopic and semiempirical studies of gossypol complexes with Fe2+ and Fe3+ cations. Journal of Molecular Structure, 2001, 569, 147-155.	1.8	34
27	CIDNP Spectroscopic Observation of (S:.+N) Radical Cations with a Two-Center Three-Electron Bond During the Photooxidation of Methionine. Angewandte Chemie - International Edition, 1998, 37, 628-630.	7.2	30
28	Graphene Oxide Functionalized with Cationic Porphyrins as Materials for the Photodegradation of Rhodamine B. Journal of Physical Chemistry C, 2020, 124, 15769-15780.	1.5	29
29	Mechanistic studies of aromatic ketone-sensitized photoreduction of bis(acetylacetonato)copper(II). Canadian Journal of Chemistry, 1983, 61, 801-808.	0.6	28
30	1H AND 13C NMR Studies of Tetrabutylammonium Salts of Gossypol in Chloroform Solution. Spectroscopy Letters, 1991, 24, 509-518.	0.5	27
31	Conformational Influence on the Type of Stabilization of Sulfur Radical Cations in Cyclic Peptides. ChemPhysChem, 2007, 8, 2202-2210.	1.0	27
32	Photoinduced Electron Transfer, Decarboxylation, and Radical Fragmentation of Cysteine Derivatives:â€‰ A Chemically Induced Dynamic Nuclear Polarization Study. Journal of the American Chemical Society, 1996, 118, 2882-2891.	6.6	26
33	Quenching of triplet states of organic compounds by 1,3-diketonate transition-metal chelates in solution. Energy and/or electron transfer. Coordination Chemistry Reviews, 1997, 159, 55-74.	9.5	26
34	Does Cu(acac)2 quench benzene fluorescence?: A physical chemistry experiment. Journal of Chemical Education, 1986, 63, 998.	1.1	25
35	Noncovalent Porphyrinâ€“Graphene Oxide Nanohybrids: The pH-Dependent Behavior. Journal of Physical Chemistry C, 2019, 123, 3368-3380.	1.5	25
36	Lerfâ€“Klinowski-type models of graphene oxide and reduced graphene oxide are robust in analyzing non-covalent functionalization with porphyrins. Scientific Reports, 2021, 11, 7977.	1.6	25

#	Article	IF	Citations
37	The tautomerization of gossypol as a function of the presence of Ni2+, Cu2+ or Zn2+ cations. Journal of Molecular Structure, 1992, 268, 61-66.	1.8	23
38	Photosensitized Oxidation of Methionine-Containing Dipeptides. From the Transients to the Final Products. Journal of Physical Chemistry B, 2014, 118, 8549-8558.	1.2	23
39	Quenching of Triplet States of Organic Compounds by Copper(II) and Nickel(II) 1,3-Diketonates in Acetonitrile Solution. Energy and/or Electron Transfer. The Journal of Physical Chemistry, 1994, 98, 7523-7532.	2.9	22
40	Acidâ^'Base Equilibria Involved in Secondary Reactions Following the 4-Carboxybenzophenone Sensitized Photooxidation of Methionylglycine in Aqueous Solution. Spectral and Time Resolution of the Decaying (Sâ^N)+Radical Cation. The Journal of Physical Chemistry, 1996, 100, 14914-14921.	2.9	21
41	Time-resolved studies on the photoisomerization of a phenyleneâ€“silyleneâ€“vinylene type compound in its first singlet excited state. Journal of Luminescence, 2011, 131, 577-580.	1.5	21
42	Five Major Sins in Fluorescence Spectroscopy of Light-Harvesting Hybrid Materials. ACS Energy Letters, 2019, 4, 1898-1901.	8.8	21
43	Spectroscopic and kinetic studies of the aldehydeâ€“lactol tautomerization of gossypol in solution. Journal of the Chemical Society Perkin Transactions II, 1991, , 1359-1362.	0.9	20
44	How Eosin Y/Graphene Oxide-Based Materials Can Improve Efficiency of Light-Driven Hydrogen Generation: Mechanistic Aspects. Journal of Physical Chemistry C, 2020, 124, 2747-2755.	1.5	20
45	A new-type photoreaction of a carbonyl compound. Journal of Photochemistry and Photobiology A: Chemistry, 2004, 162, 513-520.	2.0	19
46	Lifetimes and Modes of Decay of Sulfur-Centered Radical Zwitterions Containing Carboxylate and Phenyl Groups. Journal of Physical Chemistry A, 2004, 108, 6503-6512.	1.1	19
47	Photoinduced Ï‰-Bond Dissociation in the Higher Excited Singlet (S2) and Lowest Triplet (T1) States of a Benzophenone Derivative in Solution. Journal of Physical Chemistry A, 2005, 109, 3843-3848.	1.1	19
48	A Long Story of Sensitized Oneâ€Electron Photoâ€oxidation of Methionine. Israel Journal of Chemistry, 2014, 54, 248-253.	1.0	19
49	Cationic Porphyrinâ€Graphene Oxide Hybrid: Donorâ€Acceptor Composite for Efficient Photoinduced Electron Transfer. ChemPhysChem, 2019, 20, 1054-1066.	1.0	19
50	Interaction of light with a non-covalent zinc porphyrinâ€“graphene oxide nanohybrid. Physical Chemistry Chemical Physics, 2020, 22, 13456-13466.	1.3	19
51	Sensitized Photooxidation of S-Methylglutathione in Aqueous Solution: Intramolecular (Sâ^O) and (Sâ^N) Bonded Species. Journal of Physical Chemistry B, 2013, 117, 2359-2368.	1.2	18
52	Quenching of the triplet state of benzophenone by lanthanide 1,3-diketonate chelates in solutions. Monatshefte FÃ¼r Chemie, 1988, 119, 669-676.	0.9	17
53	Energy transfer processes in the quenching of triplet states of organic compounds by 1,3-diketonates of lanthanides(III) and magnesium(II) in acetonitrile solution. Laser flash photolysis studies. Journal of Photochemistry and Photobiology A: Chemistry, 1994, 78, 7-13.	2.0	17
54	Photochemical studies of a photodissociative initiator based on a benzophenone derivative possessing a thioether moiety. Journal of Photochemistry and Photobiology A: Chemistry, 2003, 155, 253-259.	2.0	17

#	Article	IF	Citations
55	Unexpected Hofmann Elimination in the Benzophenoneâˆ'(Phenylthio)acetic Tetrabutylammonium Salt Photoredox System. Journal of the American Chemical Society, 2003, 125, 11182-11183.	6.6	17
56	Photoreduction of benzophenone by 2,4,6-trimethyl-1,3,5-trithiane in solution. Laser flash photolysis study. Journal of Photochemistry and Photobiology A: Chemistry, 1998, 112, 21-28.	2.0	16
57	Formation of a Sandwich-Structure Assisted, Relatively Long-Lived Sulfur-Centered Three-Electron Bonded Radical Anion in the Reduction of a Bis(1-substituted-uracilyl) Disulfide in Aqueous Solution. Journal of Physical Chemistry B, 2008, 112, 10045-10053.	1.2	16
58	Visibleâ€Light Photoactive, Highly Efficient Triplet Sensitizers Based on Iodinated Azaâ€BODIPYs: Synthesis, Photophysics and Redox Properties. Chemistry - an Asian Journal, 2018, 13, 55-65.	1.7	16
59	Photochemistry of 4-(methylthio)phenylacetic acid. Journal of Photochemistry and Photobiology A: Chemistry, 2005, 172, 322-330.	2.0	15
60	Benzophenoneâˆ'Phenylthioacetic Acid Tetraalkylammonium Salts as Effective Initiators of Free-Radical Photopolymerization of Vinyl Monomers, Mechanistic Studies. Macromolecules, 2007, 40, 8642-8648.	2.2	14
61	Kinetics and mechanism of ultrafast adiabatic intermolecular and intramolecular proton-transfer reactions of a protonated trimethylpyrichrominium ion in its fluorescent state. Journal of the Chemical Society, Faraday Transactions 2, 1987, 83, 1475.	1.1	13
62	Laser photolysis studies on triplet-equilibrium formation in a small triplet-energy gap system. Chemical Physics Letters, 1997, 277, 375-380.	1.2	13
63	Generation of Thiyl Radicals by the Photolysis of 5-Iodo-4-thiouridine. Journal of Organic Chemistry, 2005, 70, 982-988.	1.7	13
64	Effect of Hydroxylic Solvent on the Fluorescence Behavior of Some Bioactive 9-Oxo-imidazo[1,2-a]purine Derivatives. Journal of Physical Chemistry A, 2006, 110, 11025-11033.	1.1	13
65	Headâ€toâ€Tail Interactions in Tyrosine/Benzophenone Dyads in the Ground and the Excited State: NMR and Laser Flash Photolysis Studies. Chemistry - A European Journal, 2008, 14, 7913-7929.	1.7	13
66	Competitive photosensitized oxidation of tyrosine and methionine residues in enkephalins and their model peptides. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 198, 111-118.	2.0	13
67	Solvent Effects on the Intramolecular Hydrogen-Atom Transfer between Tyrosine and Benzophenone. Diverting Reaction Mechanisms in Protic and Nonprotic Media. Journal of Physical Chemistry C, 2009, 113, 11695-11703.	1.5	13
68	Efficient Photochemical Oxidation of Anisole in Protic Solvents: Electron Transfer driven by Specific Solventâ€"Solute Interactions. ChemPhysChem, 2010, 11, 2108-2117.	1.0	13
69	Stereoselective synthesis and luminescence properties of novel trans-regular N-alkylcarbazolyleneâ€"silyleneâ€"vinylene polymers. Journal of Organometallic Chemistry, 2014, 750, 150-161.	0.8	13
70	The kinetics of the acid-base equilibrium of 4-carboxybenzophenone ketyl radical. A pulse radiolysis study. Radiation Physics and Chemistry, 1994, 43, 361-364.	1.4	12
71	Photochemistry of carboxylic acids containing the phenyl and thioether groups: Steady-state and laser flash photolysis studies. Journal of Photochemistry and Photobiology A: Chemistry, 2006, 177, 295-306.	2.0	12
72	Highly stereoâ€efficient synthesis and luminescence properties of novel transâ€regular vinyleneâ€" silyleneâ€"thiophene polymers. Journal of Polymer Science Part A, 2008, 46, 127-137.	2.5	12

#	Article	IF	Citations
73	New Insights into the Reaction Paths of 4-Carboxybenzophenone Triplet with Oligopeptides Containing N- and C-Terminal Methionine Residues. Journal of Physical Chemistry B, 2017, 121, 5247-5258.	1.2	12
74	Quenching of triplet states of aromatic hydrocarbons by copper(II) 1,3-diketonates in solution. Chemical Physics Letters, 1988, 148, 29-36.	1.2	11
75	A new-type photoreaction of a carbonyl compound. Journal of Photochemistry and Photobiology A: Chemistry, 2005, 170, 253-259.	2.0	11
76	Thiyl Radical Interaction with Pyrimidine C5â^'C6 Double Bond. Journal of Physical Chemistry B, 2005, 109, 15135-15144.	1.2	11
77	Time-resolved EPR and laser photolysis investigations of photoinduced Ï‰-bond dissociation in an aromatic carbonyl compound having triplet Ï€,Ï€* character. Chemical Physics Letters, 2006, 417, 211-216.	1.2	11
78	Photoinduced Bond Dissociation of 4-Methylcoumarin Derivatives in Solution Studied by Laser Flash Photolysis and DFT Calculations. Journal of Physical Chemistry A, 2009, 113, 5815-5822.	1.1	11
79	Photoinduced CCâ€coupling Reactions of Rigid Diastereomeric Benzophenoneâ€Methionine Dyads. Photochemistry and Photobiology, 2013, 89, 14-23.	1.3	11
80	3-Carboxybenzophenone (3-CB) as an efficient sensitizer in the photooxidation of methionyl-leucine in aqueous solutions: Spectral, kinetic and acidâ€"base properties of 3-CB derived transients. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 287, 1-7.	2.0	11
81	Photo- and Radiation-Induced One-Electron Oxidation of Methionine in Various Structural Environments Studied by Time-Resolved Techniques. Molecules, 2022, 27, 1028.	1.7	11
82	Spectroscopic and Photochemical Studies of Gossypol in Solution. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1990, 45, 179-183.	0.7	10
83	Formation of a Three-Electron Sulfurâ€"Sulfur Bond as a Probe for Interaction between Side Chains of Methionine Residues. Journal of Physical Chemistry B, 2016, 120, 9732-9744.	1.2	10
84	New Aryleneâ€"Germyleneâ€"Vinylene Compounds: Stereoselective Synthesis, Characterization, and Photophysical Properties. Organometallics, 2016, 35, 2454-2461.	1.1	10
85	Early Events of Photosensitized Oxidation of Sulfur-Containing Amino Acids Studied by Laser Flash Photolysis and Mass Spectrometry. Journal of Physical Chemistry B, 2020, 124, 7564-7573.	1.2	10
86	Photochemistry of phenyl alkyl ketones in the presence of triphenylphosphine. Journal of Organic Chemistry, 1983, 48, 2910-2914.	1.7	9
87	Transients in the Oxidative and H-Atom-Induced Degradation of 1,3,5-Trithiane. Time-Resolved Studies in Aqueous Solution. Journal of Physical Chemistry A, 2006, 110, 9292-9300.	1.1	9
88	Photochemistry of 1,3,5-trithianes in solution. Journal of Photochemistry and Photobiology A: Chemistry, 2006, 177, 17-23.	2.0	9
89	Unusual photobehavior of benzophenone triplets in hexafluoroisopropanol. Inversion of the triplet character of benzophenone. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 244, 1-8.	2.0	9
90	Effect of graphene oxide flakes size and number of layers on photocatalytic hydrogen production. Scientific Reports, 2021, 11, 15969.	1.6	9

#	Article	IF	Citations
91	Scavenging of 1,4-biradicals by bis(acetylacetonato)copper(II). The importance of paramagnetic effects. The Journal of Physical Chemistry, 1982, 86, 2452-2455.	2.9	8
92	Spectroscopic study of gossypolâ€“lanthanide cation complexes in acetonitrile solution. Journal of Molecular Structure, 1997, 435, 275-279.	1.8	8
93	Azomethine dyes revisited. Photobleaching of azomethine dyes under photoreducing conditions. Journal of the Chemical Society Perkin Transactions II, 1999, , 2147-2154.	0.9	8
94	Effects of Localized Triplet Exciton on Reactivity of Photoinduced Ï‰-Bond Dissociation in Naphthyl Phenyl Ketones Having Ï€,Ï€* Lowest Triplet (T1) States Studied by Laser Flash Photolysis. Journal of Physical Chemistry A, 2006, 110, 10708-10714.	1.1	8
95	Stereoselectivity of the Hydrogenâ€Atom Transfer in Benzophenoneâ€“Tyrosine Dyads: An Intramolecular Kinetic Solvent Effect. Chemistry - A European Journal, 2009, 15, 3061-3064.	1.7	8
96	Kinetics of reversible photoisomerization: determination of the primary quantum yields for the E-Z photoisomerization of silylenephenylenevinylene derivatives. Photochemical and Photobiological Sciences, 2009, 8, 1667-1675.	1.6	8
97	Intramolecular Charge Transfer Photoemission of a Silicon-Based Copolymer Containing Carbazole and Divinylbenzene Chromophores. Electron Transfer Across Silicon Bridges. Journal of Physical Chemistry A, 2014, 118, 4750-4758.	1.1	8
98	Early Events in the Photoinduced Electron Transfer between Carbazole and Divinylbenzene in a Silylene-Bridged Donorâ€“Acceptor Compound. Journal of Physical Chemistry C, 2020, 124, 19522-19529.	1.5	8
99	Radiation- and Photo-Induced Oxidation Pathways of Methionine in Model Peptide Backbone under Anoxic Conditions. International Journal of Molecular Sciences, 2021, 22, 4773.	1.8	8
100	Facile syntheses of fluorescent heterocycles from N-methylated vitamin B1. Journal of Organic Chemistry, 1983, 48, 2476-2481.	1.7	7
101	Photophysical properties of some pyrichromine derivatives. Journal of Photochemistry and Photobiology, 1985, 28, 529-536.	0.6	7
102	Benzene-sensitized photoreduction of bis(acetylacetonato)copper(II) under hydrogen. Journal of the Chemical Society Perkin Transactions II, 1986, , 365.	0.9	7
103	Mechanistic studies of the sensitized photoreduction of bis(acetylacetonato)copper(II) by phenylalkyl ketones. Journal of Photochemistry and Photobiology, 1986, 32, 165-176.	0.6	7
104	Quenching of the excited singlet state of the N-(9-methylpurin-6-yl)pyridinium cation by sulphur-containing amino acids and carboxylic acids in aqueous solution. Journal of Photochemistry and Photobiology A: Chemistry, 1996, 101, 163-169.	2.0	7
105	Repair Reactions of Pyrimidine-Derived Radicals by Aliphatic Thiols. Journal of Physical Chemistry B, 2006, 110, 12738-12748.	1.2	7
106	Modification of photochemical pathways of sensitized oxidation of phenylthioacetic acid. Journal of Photochemistry and Photobiology A: Chemistry, 2007, 191, 167-175.	2.0	7
107	Unexpected light emission from tyrosyl radicals as a probe for tyrosine oxidation. Free Radical Biology and Medicine, 2020, 153, 12-16.	1.3	7
108	The interaction of triplet excited state ketones with copper(II) complexes: effects of Î²-diketonate ligands. Journal of Photochemistry and Photobiology A: Chemistry, 1987, 41, 31-36.	2.0	6

#	Article	IF	Citations
109	Intermolecular complexes between sulfide radical cations from Î²-hydroxy sulfides and phosphate. Research on Chemical Intermediates, 2001, 27, 165-175.	1.3	6
110	Photoinduced Ï‰-bond dissociation of m-halomethylbenzophenones studied by laser photolysis techniques and DFT calculations. Substituted position effects. Physical Chemistry Chemical Physics, 2007, 9, 3268-3275.	1.3	6
111	cisâ€“trans photoisomerization of silylene-vinylene-p-phenylene polymers and their model compounds. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 195, 30-38.	2.0	6
112	Chiral discrimination in the hydrogen-atom transfer between tyrosine and benzophenone in rigid peptides. Chemical Physics Letters, 2009, 473, 348-353.	1.2	6
113	Electron transfer in silicon-bridged adjacent chromophores: the source for blue-green emission. Physical Chemistry Chemical Physics, 2017, 19, 11404-11415.	1.3	6
114	Converging Fate of the Oxidation and Reduction of 8-Thioguanosine. Molecules, 2019, 24, 3143.	1.7	6
115	Napthalene derivative sensitized photosolvolysis of oxiranes via electron-transfer mechanisms. Journal of Organic Chemistry, 1984, 49, 1457-1458.	1.7	5
116	Photochemical reactions of Î²-2,4,6-trimethyl-1,3,5-trithiane in solution. Journal of Photochemistry and Photobiology A: Chemistry, 2001, 140, 133-138.	2.0	5
117	Benzophenoneâ€(phenylthio)acetic acid phosphonium salts as initiators of freeâ€radical photopolymerization of vinyl monomers: Mechanistic studies. Journal of Polymer Science Part A, 2008, 46, 8013-8022.	2.5	5
118	Kinetics and mechanism of sensitized photooxidation of tetramethylammonium salt of 2-(phenylthio)acetic acid in solution. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 198, 250-255.	2.0	5
119	Photochemical reactions of 4-thiouridine disulfide and 4-benzylthiouridineâ€”the involvement of the 4-pyrimidinylthiyl radical. Photochemical and Photobiological Sciences, 2008, 7, 250-256.	1.6	5
120	Factor analysis of transient spectra. Free radicals in cyclic dipeptides containing methionine. Research on Chemical Intermediates, 2009, 35, 431-442.	1.3	5
121	N-Terminal Decarboxylation as a Probe for Intramolecular Contact Formation in Î³-Glu-(Pro)_n-Met Peptides. Journal of Physical Chemistry B, 2020, 124, 8082-8098.	1.2	5
122	White Light from Dual Intramolecular Charge-Transfer Emission in a Silylene-Bridged Styrylcarbazole and Pyrene Dyad. Journal of Physical Chemistry C, 2021, 125, 12488-12495.	1.5	5
123	Biomimetic Ketone Reduction by Disulfide Radical Anion. Molecules, 2021, 26, 5429.	1.7	5
124	Photochemistry of phenyl alkyl ketones: The "Norrish type II" photoreaction: An organic photochemistry experiment. Journal of Chemical Education, 1988, 65, 832.	1.1	4
125	The interaction of triplet excited state ketones with bis(acetylacetonato)copper(II): Evidence for electron transfer. Journal of Photochemistry and Photobiology A: Chemistry, 1989, 50, 67-73.	2.0	4
126	UV-Visible Absorption Studies of Gossypol-Metal Cation Complexes in Acetonitrile Solution. Spectroscopy Letters, 1991, 24, 1265-1273.	0.5	4

#	Article	IF	Citations
127	Intramolecular H-atom transfer reactions in rigid peptides â€" Correlated solvent and structural effects. Canadian Journal of Chemistry, 2011, 89, 266-279.	0.6	4
128	Synthesis and properties of chromophore-functionalized monovinylsilsesquioxane derivatives. New Journal of Chemistry, 2020, 44, 7659-7664.	1.4	4
129	Selective Esterification of Gossypol by Copper Acetate in Acetonitrile-Spectroscopic Studies. Spectroscopy Letters, 1994, 27, 1143-1151.	0.5	3
130	Photo-oxidation of Methionine-containing Peptides by the 4-Carboxybenzophenone Triplet State in Aqueous Solution. Competition Between Intramolecular Two-centered Three-electron Bonded (Sâ^´S)+ and (Sâ^´N)+ Formation Â¶. Photochemistry and Photobiology, 2000, 72, 1-9.	1.3	3
131	Water-Triggered Photoinduced Electron Transfer in Acetonitrileâ€"Water Binary Solvent. Solvent Microstructure-Tuned Reactivity of Hydrophobic Solutes. Journal of Physical Chemistry B, 2020, 124, 5654-5664.	1.2	3
132	Photophysical properties of some highly fluorescent derivatives of vitamin B1. Solvent effect. Journal of Photochemistry and Photobiology A: Chemistry, 1995, 86, 121-126.	2.0	2
133	Photoinduced ultrafast ring-opening reaction in trithianes in solution. Chemical Physics Letters, 2008, 465, 45-47.	1.2	2
134	Laser photolysis studies of Ï‰-bond dissociation in aromatic carbonyls with a Câ€"C triple bond stimulated by triplet sensitization. Physical Chemistry Chemical Physics, 2017, 19, 17028-17035.	1.3	2
135	Oxidation studies of a novel peptide model N-acetyl-3-(methylthio)propylamine. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 336, 98-104.	2.0	2
136	Laser photolysis studies of Ï‰-bond dissociation in aromatic carbonyls of five-membered rings induced by triplet sensitization. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 365, 39-44.	2.0	2
137	Unexpected Reaction Pathway of the Alpha-Aminoalkyl Radical Derived from One-Electron Oxidation of S-Alkylglutathiones. Molecules, 2020, 25, 877.	1.7	2
138	Sensitized photo-oxidation of plant cytokinin-specific binding protein - Does the environment of the thioether group influence the oxidation reaction? From primary intermediates to stable products. Free Radical Biology and Medicine, 2021, 165, 411-420.	1.3	2
139	Evaluation of Hydroxyl Radical Reactivity by Thioether Group Proximity in Model Peptide Backbone: Methionine versus S-Methyl-Cysteine. International Journal of Molecular Sciences, 2022, 23, 6550.	1.8	2
140	Biography of professor Stefan Paszyc. Journal of Photochemistry and Photobiology A: Chemistry, 1996, 95, 1-2.	2.0	1
141	Photoinduced electron transfer reactions in the 10-methylacridinium cationâ€"benzyltrimethylsilane system: steady-state and flash photolysis studies. Research on Chemical Intermediates, 2009, 35, 351-361.	1.3	1
142	Electron paramagnetic resonance (EPR) study of Î³-radiation-induced radicals in 1,3,5-trithiane and its derivatives. Research on Chemical Intermediates, 2009, 35, 507-517.	1.3	1
143	Unusual photophysical properties of a new tricyclic derivative of thiopurines in terms of potential applications. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 281, 121620.	2.0	1
144	Excited Triplet State of N-(9-Methylpurin-6-yl)pyridinium Cation as an Efficient Photosensitizer in the Oxidation of Sulfur-Containing Amino Acids. Laser Flash and Steady-State Photolysis Studies [Erratum to document cited in CA122:81956]. Journal of the American Chemical Society, 1995, 117, 4726-4727.	6.6	0

#	Article	IF	Citations
145	Formation of cationâ€“radical anion pairs derived from carboxybenzophenoneâ€“tetrabutylammonium salts. Pulse radiolysis studies. Research on Chemical Intermediates, 2009, 35, 389-399.	1.3	0
146	Why does the presence of silicon atoms improve the emission properties of biphenyl derivatives? â€“ Verification of various hypotheses by experiment and theory. Physical Chemistry Chemical Physics, 2019, 21, 20384-20392.	1.3	0