

Mauro Freccero

List of Publications by Year in descending order

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130
papers

4,657
citations

76196

40
h-index

123241

61
g-index

148
all docs

148
docs citations

148
times ranked

3526
citing authors

#	ARTICLE	IF	CITATIONS
1	Substituents on Quinone Methides Strongly Modulate Formation and Stability of Their Nucleophilic Adducts. <i>Journal of the American Chemical Society</i> , 2006, 128, 11940-11947.	6.6	199
2	Dynamics of α -CH Deprotonation and α -Desilylation Reactions of Tertiary Amine Cation Radicals. <i>Journal of the American Chemical Society</i> , 1994, 116, 4211-4220.	6.6	196
3	Alkylation of Amino Acids and Glutathione in Water by o-Quinone Methide. <i>Reactivity and Selectivity. Journal of Organic Chemistry</i> , 2001, 66, 41-52.	1.7	168
4	Quinone Methides Tethered to Naphthalene Diimides as Selective G-Quadruplex Alkylating Agents. <i>Journal of the American Chemical Society</i> , 2009, 131, 13132-13141.	6.6	140
5	Photosensitized Oxidation of Sulfides: Discriminating between the Singlet-Oxygen Mechanism and Electron Transfer Involving Superoxide Anion or Molecular Oxygen. <i>Chemistry - A European Journal</i> , 2006, 12, 4844-4857.	1.7	139
6	Binol Quinone Methides as Bisalkylating and DNA Cross-Linking Agents. <i>Journal of the American Chemical Society</i> , 2004, 126, 13973-13979.	6.6	116
7	A new method in radical chemistry: Generation of radicals by photo-induced electron transfer and fragmentation of the radical cation. <i>Tetrahedron</i> , 1994, 50, 575-607.	1.0	107
8	Hybrid ligand-alkylating agents targeting telomeric G-quadruplex structures. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 2798.	1.5	94
9	Photogeneration and Reactivity of Naphthoquinone Methides as Purine Selective DNA Alkylating Agents. <i>Journal of the American Chemical Society</i> , 2010, 132, 14625-14637.	6.6	91
10	Synthesis, Binding and Antiviral Properties of Potent Core-Extended Naphthalene Diimides Targeting the HIV-1 Long Terminal Repeat Promoter G-Quadruplexes. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 9639-9652.	2.9	87
11	New synthetic methods via radical cation fragmentation. <i>Chemical Society Reviews</i> , 1998, 27, 81.	18.7	86
12	Naphthalene diimide scaffolds with dual reversible and covalent interaction properties towards G-quadruplex. <i>Biochimie</i> , 2011, 93, 1328-1340.	1.3	86
13	Water-Soluble Naphthalene Diimides as Singlet Oxygen Sensitizers. <i>Journal of Organic Chemistry</i> , 2013, 78, 8065-8073.	1.7	84
14	Concerted vs Stepwise Mechanism in 1,3-Dipolar Cycloaddition of Nitron to Ethene, Cyclobutadiene, and Benzocyclobutadiene. A Computational Study. <i>Journal of Organic Chemistry</i> , 2000, 65, 6112-6120.	1.7	82
15	Targeting Loop Adenines in G-Quadruplex by a Selective Oxirane. <i>Chemistry - A European Journal</i> , 2013, 19, 78-81.	1.7	77
16	An Aggregating Amphiphilic Squaraine: A Light-Responsive Probe That Discriminates Parallel G-Quadruplexes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7520-7524.	7.2	77
17	Photoinduced, Ionic Meerwein Arylation of Olefins. <i>Journal of Organic Chemistry</i> , 2001, 66, 6344-6352.	1.7	74
18	BINOL-Amino Acid Conjugates as Triggerable Carriers of DNA-Targeted Potent Photocytotoxic Agents. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 6570-6579.	2.9	71

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19	More is not always better: finding the right trade-off between affinity and selectivity of a G-quadruplex ligand. <i>Nucleic Acids Research</i> , 2018, 46, e115-e115.	6.5	71
20	Oxidative Functionalization of Adamantane and Some of Its Derivatives in Solution. <i>Journal of Organic Chemistry</i> , 1996, 61, 1413-1422.	1.7	70
21	Generation and Reactivity of the 4-Aminophenyl Cation by Photolysis of 4-Chloroaniline. <i>Journal of Organic Chemistry</i> , 2001, 66, 6353-6363.	1.7	70
22	Homolytic vs Heterolytic Paths in the Photochemistry of Haloanilines. <i>Journal of the American Chemical Society</i> , 2003, 125, 13182-13190.	6.6	70
23	Water soluble extended naphthalene diimides as pH fluorescent sensors and G-quadruplex ligands. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 3830.	1.5	69
24	Photochemical Synthesis of 4-Oxobutanal Acetals and of 2-Hydroxycyclobutanone Ketals. <i>Journal of Organic Chemistry</i> , 1999, 64, 5024-5028.	1.7	58
25	Modeling H-Bonding and Solvent Effects in the Alkylation of Pyrimidine Bases by a Prototype Quinone Methide: A DFT Study. <i>Journal of the American Chemical Society</i> , 2003, 125, 3544-3553.	6.6	57
26	Quinone Methides as Alkylating and Cross-Linking Agents. <i>Mini-Reviews in Organic Chemistry</i> , 2004, 1, 403-415.	0.6	55
27	Naphthalene diimides as red fluorescent pH sensors for functional cell imaging. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 570-576.	1.5	54
28	A red-NIR fluorescent dye detecting nuclear DNA G-quadruplexes: in vitro analysis and cell imaging. <i>Chemical Communications</i> , 2017, 53, 2268-2271.	2.2	54
29	G-Quadruplex Identification in the Genome of Protozoan Parasites Points to Naphthalene Diimide Ligands as New Antiparasitic Agents. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 1231-1240.	2.9	52
30	Substituted Heterocyclic Naphthalene Diimides with Unexpected Acidity. Synthesis, Properties, and Reactivity. <i>Journal of Organic Chemistry</i> , 2009, 74, 8616-8625.	1.7	51
31	Photogenerated Quinone Methides as Useful Intermediates in the Synthesis of Chiral BINOL Ligands. <i>Journal of Organic Chemistry</i> , 2006, 71, 3889-3895.	1.7	50
32	Vinylidene-Quinone Methides, Photochemical Generation and β -Silicon Effect on Reactivity. <i>Journal of Organic Chemistry</i> , 2012, 77, 3615-3619.	1.7	50
33	Quinone Methides as DNA Alkylating Agents: An Overview on Efficient Activation Protocols for Enhanced Target Selectivity. <i>Current Organic Chemistry</i> , 2014, 18, 19-43.	0.9	47
34	A naphthalene diimide dyad for fluorescence switch-on detection of G-quadruplexes. <i>Chemical Communications</i> , 2015, 51, 9105-9108.	2.2	46
35	Synthesis, Binding Properties, and Differences in Cell Uptake of G-Quadruplex Ligands Based on Carbohydrate Naphthalene Diimide Conjugates. <i>Chemistry - A European Journal</i> , 2017, 23, 2157-2164.	1.7	45
36	Selectivity of Purine Alkylation by a Quinone Methide. Kinetic or Thermodynamic Control?. <i>Journal of Organic Chemistry</i> , 2003, 68, 6411-6423.	1.7	44

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37	Modeling the Photochemistry of the Reference Phototoxic Drug Lomefloxacin by Steady-State and Time-Resolved Experiments, and DFT and Post-HF Calculations. <i>Chemistry - A European Journal</i> , 2008, 14, 653-663.	1.7	43
38	Quinone Methide Generation via Photoinduced Electron Transfer. <i>Journal of Organic Chemistry</i> , 2011, 76, 3096-3106.	1.7	43
39	A Photoreactive G-Quadruplex Ligand Triggered by Green Light. <i>Chemistry - A European Journal</i> , 2015, 21, 2330-2334.	1.7	43
40	A Kinetic Evaluation of Carbon-Hydrogen, Carbon-Carbon, and Carbon-Silicon Bond Activation in Benzylic Radical Cations. <i>Journal of the American Chemical Society</i> , 1998, 120, 284-297.	6.6	41
41	o-Quinone Methide as Alkylating Agent of Nitrogen, Oxygen, and Sulfur Nucleophiles. The Role of H-Bonding and Solvent Effects on the Reactivity through a DFT Computational Study. <i>Journal of the American Chemical Society</i> , 2001, 123, 8366-8377.	6.6	41
42	A Catalytic and Selective Scissoring Molecular Tool for Quadruplex Nucleic Acids. <i>Journal of the American Chemical Society</i> , 2018, 140, 14528-14532.	6.6	39
43	Photochemical reaction of phthalimides and dicyanophthalimides with benzylic donors. <i>Journal of Organic Chemistry</i> , 1993, 58, 1740-1745.	1.7	37
44	Competition between Peroxy Acid Oxygens as Hydrogen Bond Acceptors in B3LYP Transition Structures for Epoxidations of Allylic Alcohols with Peroxyformic Acid. <i>Journal of Organic Chemistry</i> , 1999, 64, 3853-3860.	1.7	37
45	Novel Naphthalene Diimides as Activatable Precursors of Bisalkylating Agents, by Reduction and Base Catalysis. <i>Journal of Organic Chemistry</i> , 2007, 72, 8354-8360.	1.7	36
46	Facial Selectivity in Epoxidation of 2-Cyclohexen-1-ol with Peroxy Acids. A Computational DFT Study. <i>Journal of Organic Chemistry</i> , 2000, 65, 8948-8959.	1.7	34
47	Selective targeting of mutually exclusive DNA G-quadruplexes: HIV-1 LTR as paradigmatic model. <i>Nucleic Acids Research</i> , 2020, 48, 4627-4642.	6.5	32
48	Hydrogen bonding effects in the epoxidation of propenol with dioxiranes. A DFT computational study. <i>Tetrahedron</i> , 1998, 54, 12323-12336.	1.0	31
49	Aryl ethynyl anthraquinones: a useful platform for targeting telomeric G-quadruplex structures. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 3744-3754.	1.5	31
50	Novel Pathways for Oxygen Insertion into Unactivated C-H Bonds by Dioxiranes. Transition Structures for Stepwise Routes via Radical Pairs and Comparison with the Concerted Pathway. <i>Journal of Organic Chemistry</i> , 2003, 68, 811-823.	1.7	30
51	Red/NIR G-Quadruplex Sensing, Harvesting Blue Light by a Coumarin-Naphthalene Diimide Dyad. <i>Chemistry - A European Journal</i> , 2015, 21, 17596-17600.	1.7	29
52	On the binding of naphthalene diimides to a human telomeric G-quadruplex multimer model. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 1320-1334.	3.6	29
53	Epoxidation of Acyclic Chiral Allylic Alcohols with Peroxy Acids: A Spiro or Planar Butterfly Transition Structures? A Computational DFT Answer. <i>Journal of Organic Chemistry</i> , 2000, 65, 2030-2042.	1.7	28
54	Bipyridyl ligands as photoactivatable mono- and bis-alkylating agents capable of DNA cross-linking. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 233-235.	1.5	28

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55	Assessment of gene promoter G-quadruplex binding and modulation by a naphthalene diimide derivative in tumor cells. <i>International Journal of Oncology</i> , 2015, 46, 369-380.	1.4	28
56	Down-Regulation of the Androgen Receptor by G-Quadruplex Ligands Sensitizes Castration-Resistant Prostate Cancer Cells to Enzalutamide. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 8625-8638.	2.9	28
57	The photochemical approach to the functionalization of open-chain and cyclic alkanes: 1. Single electron transfer oxidation. <i>Tetrahedron</i> , 1996, 52, 5533-5548.	1.0	27
58	Stereoselective epoxidation of cis-3,4-disubstituted-(CH ₂ X)-cyclobutenes with dimethyldioxirane and peroxy acids. Experimental and computational evidence for a syn-orienting electrostatic effect. <i>Tetrahedron</i> , 1999, 55, 11309-11330.	1.0	27
59	Carbohydrate-naphthalene diimide conjugates as potential antiparasitic drugs: Synthesis, evaluation and structure-activity studies. <i>European Journal of Medicinal Chemistry</i> , 2019, 163, 54-66.	2.6	27
60	Photochemical reaction of arenecarbonitriles in the presence of alkylsilanes, silyl ethers and silyl amines. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1993, , 515.	0.9	26
61	The photochemical reactions of 9,10-anthracenedicarbonitrile and 1,4-naphthalenedicarbonitrile in acetonitrile in the presence of bases. <i>Tetrahedron</i> , 1994, 50, 2115-2130.	1.0	26
62	SET and Exciplex Pathways in the Photochemical Reactions between Aromatic Ketones and Benzylsilane and Stannane Derivatives. <i>Journal of the American Chemical Society</i> , 1995, 117, 7869-7876.	6.6	26
63	Cationic Pentaheteroaryls as Selective G-Quadruplex Ligands by Solvent-Free Microwave-Assisted Synthesis. <i>Chemistry - A European Journal</i> , 2012, 18, 14487-14496.	1.7	26
64	Photoinduced SET for the functionalization of alkanes. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 41.	2.0	25
65	The role of SET in the deprotection of (thio)ketals under photosensitization by π -acceptors. <i>Tetrahedron</i> , 1997, 53, 2219-2232.	1.0	25
66	Reactivity and endo-exo Selectivity in Diels-Alder Reaction of o-Quinodimethanes. An Experimental and DFT Computational Study. <i>Tetrahedron</i> , 2000, 56, 2547-2559.	1.0	25
67	A bimodal fluorescent and photocytotoxic naphthalene diimide for theranostic applications. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 7238-7249.	1.5	25
68	Controlled Pore Glass-based oligonucleotide affinity support: towards High Throughput Screening methods for the identification of conformation-selective G-quadruplex ligands. <i>Analytica Chimica Acta</i> , 2018, 1030, 133-141.	2.6	24
69	The photochemical approach to the functionalization of open-chain and cyclic alkanes: 2. Hydrogen abstraction. <i>Tetrahedron</i> , 1996, 52, 5549-5562.	1.0	23
70	DFT computational study of the epoxidation of olefins with dioxiranes. <i>Tetrahedron</i> , 1998, 54, 6123-6134.	1.0	23
71	Conjugation, Substituent, and Solvent Effects on the Photogeneration of Quinone Methides. <i>Journal of Organic Chemistry</i> , 2016, 81, 3665-3673.	1.7	23
72	Targeting of RET oncogene by naphthalene diimide-mediated gene promoter G-quadruplex stabilization exerts anti-tumor activity in oncogene-addicted human medullary thyroid cancer. <i>Oncotarget</i> , 2016, 7, 49649-49663.	0.8	22

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73	Planar Transition Structures in the Epoxidation of Alkenes. A DFT Study on the Reaction of Peroxyformic Acid with Norbornene Derivatives. <i>Journal of Organic Chemistry</i> , 2002, 67, 8519-8527.	1.7	21
74	Naphthalene diimide derivatives G-Quadruplex ligands induce cell proliferation inhibition, mild telomeric dysfunction and cell cycle perturbation in U251MG glioma cells. <i>FEBS Journal</i> , 2018, 285, 3769-3785.	2.2	21
75	Mechanochemical Synthesis of Bumetanide 4-Aminobenzoic Acid Molecular Cocrystals: A Facile and Green Approach to Drug Optimization. <i>Journal of Physical Chemistry B</i> , 2014, 118, 9180-9190.	1.2	20
76	Trifunctionalized Naphthalene Diimides and Dimeric Analogues as G-Quadruplex-Targeting Anticancer Agents Selected by Affinity Chromatography. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1964.	1.8	20
77	Transition structures for the stepwise insertion of oxygen into alkane tertiary C-H bonds by dimethyldioxirane. <i>Tetrahedron Letters</i> , 2001, 42, 2739-2742.	0.7	19
78	Naphthalene diimides as selective naked-eye chemosensor for copper(II) in aqueous solution. <i>Sensors and Actuators B: Chemical</i> , 2015, 212, 137-144.	4.0	19
79	An Aggregating Amphiphilic Squaraine: A Light-Up Probe That Discriminates Parallel G-Quadruplexes. <i>Angewandte Chemie</i> , 2017, 129, 7628-7632.	1.6	19
80	On the interaction of an anticancer trisubstituted naphthalene diimide with G-quadruplexes of different topologies: a structural insight. <i>Nucleic Acids Research</i> , 2020, 48, 12380-12393.	6.5	19
81	Photoarylation/Alkylation of Bromonaphthols. <i>Journal of Organic Chemistry</i> , 2009, 74, 1034-1041.	1.7	18
82	Hydrosoluble and solvatochromic naphthalene diimides with NIR absorption. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 7838.	1.5	18
83	Tuneable coumarin-NDI dyads as G-quadruplex specific light-up probes. <i>Sensors and Actuators B: Chemical</i> , 2017, 245, 780-788.	4.0	15
84	Oxadiazole/Pyridine-Based Ligands: A Structural Tuning for Enhancing G-Quadruplex Binding. <i>Molecules</i> , 2018, 23, 2162.	1.7	15
85	G-Quadruplex DNA as a Target in Pathogenic Bacteria: Efficacy of an Extended Naphthalene Diimide Ligand and Its Mode of Action. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 4752-4766.	2.9	15
86	Facial selectivity in 1,3-dipolar cycloadditions to cis-3,4-dimethylcyclobutene. An experimental and computational study. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1998, , 2413-2420.	0.9	14
87	New Paradigms for the Peroxy Acid Epoxidation of CC Double Bonds: The Role of the Peroxy Acid s-Trans Conformer and of the 1,2-H Transfer in the Epoxidation of Cyclic Allylic Alcohols. <i>Journal of Organic Chemistry</i> , 2004, 69, 7479-7485.	1.7	14
88	Synthesis and antiproliferative mechanism of action of pyrrolo[3,2-b:6,7]cyclohepta[1,2-d]pyrimidin-2-amines as singlet oxygen photosensitizers. <i>European Journal of Medicinal Chemistry</i> , 2016, 123, 447-461.	2.6	14
89	Dyads of G-Quadruplex Ligands Triggering DNA Damage Response and Tumour Cell Growth Inhibition at Subnanomolar Concentration. <i>Chemistry - A European Journal</i> , 2019, 25, 11085-11097.	1.7	14
90	Design of Disruptors of the Hsp90-Cdc37 Interface. <i>Molecules</i> , 2020, 25, 360.	1.7	14

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91	G-quadruplex fluorescence sensing by core-extended naphthalene diimides. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1303-1311.	1.1	13
92	Pyrrolo[3,2:6,7]cyclohepta[1,2-b]pyridines with potent photo-antiproliferative activity. <i>European Journal of Medicinal Chemistry</i> , 2017, 128, 300-318.	2.6	12
93	The Oncogenic Signaling Pathways in BRAF-Mutant Melanoma Cells are Modulated by Naphthalene Diimide-Like G-Quadruplex Ligands. <i>Cells</i> , 2019, 8, 1274.	1.8	12
94	Synthesis and photocytotoxic activity of [1,2,3]triazolo[4,5-h][1,6]naphthyridines and [1,3]oxazolo[5,4-h][1,6]naphthyridines. <i>European Journal of Medicinal Chemistry</i> , 2019, 162, 176-193.	2.6	12
95	Synthesis, crystal structure and antibacterial studies of dihydropyrimidines and their regioselectively oxidized products. <i>RSC Advances</i> , 2021, 11, 6312-6329.	1.7	12
96	Photochemical reaction of benzene-1,2,4,5-tetracarbonitrile with the ketals of cyclic and bicyclic ketones. <i>Journal of Organic Chemistry</i> , 1994, 59, 1047-1052.	1.7	11
97	Peroxy Acid Epoxidation of Acyclic Allylic Alcohols. Competition between s-trans and s-cis Peroxy Acid Conformers. <i>Journal of Organic Chemistry</i> , 2005, 70, 9573-9583.	1.7	11
98	A computational workflow for the design of irreversible inhibitors of protein kinases. <i>Journal of Computer-Aided Molecular Design</i> , 2010, 24, 183-194.	1.3	11
99	Modeling Acid and Cationic Catalysis on the Reactivity of Duocarmycins. <i>Journal of Organic Chemistry</i> , 2005, 70, 7098-7106.	1.7	10
100	Protecting Group Free Synthesis of 6-Substituted Naphthols and Binols. <i>Journal of Organic Chemistry</i> , 2011, 76, 2319-2323.	1.7	10
101	Thiosugar naphthalene diimide conjugates: G-quadruplex ligands with antiparasitic and anticancer activity. <i>European Journal of Medicinal Chemistry</i> , 2022, 232, 114183.	2.6	10
102	An Experimental and Theoretical Investigation of Loperamide Hydrochloride-Glutaric Acid Cocrystals. <i>Journal of Physical Chemistry B</i> , 2013, 117, 8113-8121.	1.2	9
103	Synthesis, crystal structure and antibacterial properties of 6-methyl-2-oxo-4-(quinolin-2-yl)-1,2,3,4-tetrahydropyrimidine-5-carboxylate. <i>Journal of Molecular Structure</i> , 2020, 1219, 128581.	1.8	9
104	Selective Recognition of a Single HIV-1 G-Quadruplex by Ultrafast Small-Molecule Screening. <i>Analytical Chemistry</i> , 2021, 93, 15243-15252.	3.2	9
105	Transition structures for one step nonconcerted oxygen insertion mechanism of oxidation of alkanes with trifluoroperoxyacetic acid. <i>Tetrahedron</i> , 2001, 57, 9843-9848.	1.0	8
106	Synthesis, spectroscopic characterization and chemical reactions of stable o-QM on solid phase. <i>Chemical Communications</i> , 2002, , 1908-1909.	2.2	8
107	Photoarylation of Alkenes and Heteroaromatics by Dibromo-BINOLs in Aqueous Solution. <i>Journal of Organic Chemistry</i> , 2010, 75, 3477-3480.	1.7	8
108	Facial selectivity in the reactions of 1,3-dipoles with cis- and trans-3,4-dimethyl-1-methoxycarbonyl cyclobutenes. <i>Tetrahedron</i> , 1997, 53, 9279-9292.	1.0	7

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109	Extended Naphthalene Diimides with Donor/Acceptor Hydrogen-Bonding Properties Targeting G-Quadruplex Nucleic Acids. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4824-4833.	1.2	7
110	A Fragment-Based Approach for the Development of G-Quadruplex Ligands: Role of the Amidoxime Moiety. <i>Molecules</i> , 2018, 23, 1874.	1.7	7
111	Towards Building Blocks for Supramolecular Architectures Based on Azacryptates. <i>Molecules</i> , 2020, 25, 1733.	1.7	7
112	Synthesis, crystal structure and antibacterial studies of 2,4,6-trimethoxybenzaldehyde based dihydropyrimidine derivatives. <i>Journal of Molecular Structure</i> , 2021, 1241, 130678.	1.8	7
113	New perspectives in cancer drug development: computational advances with an eye to design. <i>RSC Medicinal Chemistry</i> , 2021, 12, 1491-1502.	1.7	6
114	Characterization of Methylenepropenylidenecyclohexadiene Derivatives and Their Competing 1,6-Electrocyclic Reaction and 1,7-Hydrogen Shift at Room Temperature. <i>Journal of the American Chemical Society</i> , 1996, 118, 10311-10312.	6.6	5
115	Photosensitized oxygenation of some benzyl sulfides. The role of persulfoxide. <i>Journal of Physical Organic Chemistry</i> , 1999, 12, 703-707.	0.9	5
116	Modeling Substituent and Conformational Effects on the Reactivity of Antitumor Agents Containing a Cyclopropylcyclohexadienone Subunit. <i>Journal of Organic Chemistry</i> , 2004, 69, 6202-6213.	1.7	5
117	Selective Arylation, Alkenylation, and Cyclization of Dibromonaphthols, Using Visible Light, via Carbene Intermediates. <i>Journal of Organic Chemistry</i> , 2009, 74, 5311-5319.	1.7	5
118	Photoactivatable V-shaped Bifunctional Quinone Methide Precursors as a New Class of Selective G-Quadruplex Alkylating Agents. <i>Chemistry - A European Journal</i> , 2022, , .	1.7	5
119	Studying the Dynamics of a Complex G-Quadruplex System: Insights into the Comparison of MD and NMR Data. <i>Journal of Chemical Theory and Computation</i> , 2022, 18, 4515-4528.	2.3	5
120	Reactions between Triazolinediones and Equilibrating Forms of Cycloheptatriene Derivatives Featuring 7,7-Spiro and 1,7-Fused Heterocyclic Rings. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 569-579.	1.2	4
121	The Binding Pocket at the Interface of Multimeric Telomere G-Quadruplexes: Myth or Reality?. <i>Chemistry - A European Journal</i> , 2021, 27, 11707-11720.	1.7	4
122	The photochemical reaction between arenitriles and benzylic donors. <i>Advances in Electron Transfer Chemistry</i> , 1996, , 103-140.	1.0	4
123	Site Specificity in 1,3-Dipolar Cycloadditions to a Polycyclic Polyene Induced by Complexation with Tricarbonyliron. <i>Heterocycles</i> , 1998, 49, 415.	0.4	4
124	Reactions of O,O'-Disubstituted Benzonitrile Oxides with 8-Azaheptafulvenes. <i>Heterocycles</i> , 1998, 47, 453.	0.4	3
125	Selective Binding and Redox-Activity on Parallel G-Quadruplexes by Pegylated Naphthalene Diimide-Copper Complexes. <i>Molecules</i> , 2021, 26, 5025.	1.7	3
126	Modeling Properties and Reactivity of Quinone Methides by DFT Calculations. , 0, , 33-67.		2

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127	Synthetic chemistry via radicals generated by photoinduced electron transfer. <i>Journal of Chemical Sciences</i> , 1993, 105, 563-566.	0.7	1
128	Highly diastereoselective electrophilic additions to the vinylcyclopropane moiety of a homotropyldiene system. <i>Tetrahedron</i> , 1997, 53, 4869-4882.	1.0	1
129	Crystal structures of 2,4,9-trimethyl-(3a,4c,9c,9ac)-3a,4,9,9a-tetrahydro-benzo[<i>A'</i>]isoindole-1,3-dione(endo), C ₁₅ H ₁₇ NO ₂ (1), and 2-methyl-(3ac,9ac)-3a,4,9,9a-tetrahydro-4r,9c-ethano-benzo[<i>A'</i>]isoindole-1, 3-dione(endo), C ₁₅ H ₁₅ NO ₂ (2). <i>Journal of Chemical Crystallography</i> , 2005, 35, 641-646.	0.5	0
130	The Quest for the Right Trade-off for an Efficient Photoclick Monitoring Reaction. <i>ChemPhotoChem</i> , 0, , .	1.5	0