

# Peter Wipf

## List of Publications by Year in descending order

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667  
papers

29,851  
citations

4370

86  
h-index

12233

133  
g-index

750  
all docs

750  
docs citations

750  
times ranked

25944  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticles in cellular drug delivery. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 2950-2962.	1.4	744
2	Targeting Mitochondria. <i>Accounts of Chemical Research</i> , 2008, 41, 87-97.	7.6	560
3	Synthetic Studies of Biologically Active Marine Cyclopeptides. <i>Chemical Reviews</i> , 1995, 95, 2115-2134.	23.0	555
4	Fluorous Synthesis: A Fluorous-Phase Strategy for Improving Separation Efficiency in Organic Synthesis. <i>Science</i> , 1997, 275, 823-826.	6.0	519
5	Synthesis of Functionalized Oxazolines and Oxazoles with DAST and Deoxo-Fluor. <i>Organic Letters</i> , 2000, 2, 1165-1168.	2.4	431
6	Cytochrome c/cardiolipin relations in mitochondria: a kiss of death. <i>Free Radical Biology and Medicine</i> , 2009, 46, 1439-1453.	1.3	382
7	2.3 Å... resolution cryo-EM structure of human p97 and mechanism of allosteric inhibition. <i>Science</i> , 2016, 351, 871-875.	6.0	305
8	Synthetic applications of organochlorozirconocene complexes. <i>Tetrahedron</i> , 1996, 52, 12853-12910.	1.0	292
9	A new synthesis of highly functionalized oxazoles. <i>Journal of Organic Chemistry</i> , 1993, 58, 3604-3606.	1.7	273
10	Mutations in the Phosphatidylinositol-3-Kinase Pathway Predict for Antitumor Activity of the Inhibitor PX-866 whereas Oncogenic Ras Is a Dominant Predictor for Resistance. <i>Cancer Research</i> , 2009, 69, 143-150.	0.4	273
11	A Common Pharmacophore for a Diverse Set of Colchicine Site Inhibitors Using a Structure-Based Approach. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 6107-6116.	2.9	271
12	Stereochemical control in the ester enolate Claisen rearrangement. 1. Stereoselectivity in silyl ketene acetal formation. <i>Journal of Organic Chemistry</i> , 1991, 56, 650-657.	1.7	259
13	Lipidomics identifies cardiolipin oxidation as a mitochondrial target for redox therapy of brain injury. <i>Nature Neuroscience</i> , 2012, 15, 1407-1413.	7.1	254
14	A solid phase protocol of the biginelli dihydropyrimidine synthesis suitable for combinatorial chemistry. <i>Tetrahedron Letters</i> , 1995, 36, 7819-7822.	0.7	240
15	Molecular pharmacology and antitumor activity of PX-866, a novel inhibitor of phosphoinositide-3-kinase signaling. <i>Molecular Cancer Therapeutics</i> , 2004, 3, 763-72.	1.9	232
16	Fluorous Synthesis: Fluorous Protocols for the Ugi and Biginelli Multicomponent Condensations. <i>Journal of Organic Chemistry</i> , 1997, 62, 2917-2924.	1.7	223
17	Stochastic Voyages into Uncharted Chemical Space Produce a Representative Library of All Possible Drug-Like Compounds. <i>Journal of the American Chemical Society</i> , 2013, 135, 7296-7303.	6.6	214
18	Discovery and Biological Evaluation of a New Family of Potent Inhibitors of the Dual Specificity Protein Phosphatase Cdc25. <i>Journal of Medicinal Chemistry</i> , 2001, 44, 4042-4049.	2.9	192

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19	Small Molecule Modulators of Endogenous and Co-chaperone-stimulated Hsp70 ATPase Activity. <i>Journal of Biological Chemistry</i> , 2004, 279, 51131-51140.	1.6	190
20	A short, stereospecific synthesis of dihydrooxazoles from serine and threonine derivatives. <i>Tetrahedron Letters</i> , 1992, 33, 907-910.	0.7	179
21	Identification of a Potent and Selective Pharmacophore for Cdc25 Dual Specificity Phosphatase Inhibitors. <i>Molecular Pharmacology</i> , 2002, 61, 720-728.	1.0	175
22	TargetHunter: An In Silico Target Identification Tool for Predicting Therapeutic Potential of Small Organic Molecules Based on Chemogenomic Database. <i>AAPS Journal</i> , 2013, 15, 395-406.	2.2	171
23	Zirconocene~Zinc Transmetalation and in Situ Catalytic Asymmetric Addition to Aldehydes. <i>Journal of Organic Chemistry</i> , 1998, 63, 6454-6455.	1.7	167
24	A Mitochondrial-Targeted Nitroxide Is a Potent Inhibitor of Ferroptosis. <i>ACS Central Science</i> , 2016, 2, 653-659.	5.3	167
25	Metamorphic enzyme assembly in polyketide diversification. <i>Nature</i> , 2009, 459, 731-735.	13.7	165
26	Synthesis of peptide thiazolines from $\beta$ -hydroxythioamides. An investigation of racemization in cyclodehydration protocols. <i>Tetrahedron Letters</i> , 1994, 35, 5397-5400.	0.7	164
27	Preparation of allylic alcohols by alkene transfer from zirconium to zinc. <i>Tetrahedron Letters</i> , 1994, 35, 5197-5200.	0.7	161
28	The phosphatidylinositol-3-kinase inhibitor PX-866 overcomes resistance to the epidermal growth factor receptor inhibitor gefitinib in A-549 human non~small cell lung cancer xenografts. <i>Molecular Cancer Therapeutics</i> , 2005, 4, 1349-1357.	1.9	158
29	Chemistry and biology of wortmannin. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 2053.	1.5	157
30	Selective compounds define Hsp90 as a major inhibitor of apoptosis in small-cell lung cancer. <i>Nature Chemical Biology</i> , 2007, 3, 498-507.	3.9	156
31	Formal Total Synthesis of (+)-Diepoxin <i>l</i> f. <i>Journal of Organic Chemistry</i> , 2000, 65, 6319-6337.	1.7	151
32	Total Synthesis of the Enantiomer of the Antiviral Marine Natural Product Hennoxazole A. <i>Journal of the American Chemical Society</i> , 1995, 117, 558-559.	6.6	149
33	Binding of a Small Molecule at a Protein~Protein Interface Regulates the Chaperone Activity of Hsp70~Hsp40. <i>ACS Chemical Biology</i> , 2010, 5, 611-622.	1.6	149
34	Mitochondrial~derived reactive oxygen species (ROS) play a causal role in aging~related intervertebral disc degeneration. <i>Journal of Orthopaedic Research</i> , 2013, 31, 1150-1157.	1.2	148
35	Rapid Carboalumination of Alkynes in the Presence of Water. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 1068-1071.	4.4	147
36	SN2'-Reactions of Peptide Aziridines. A Cuprate-Based Approach to (E)-Alkene Isosteres. <i>Journal of Organic Chemistry</i> , 1994, 59, 4875-4886.	1.7	146

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37	Mitochondrial Targeting of Selective Electron Scavengers: Synthesis and Biological Analysis of Hemigrammicidin-TEMPO Conjugates. <i>Journal of the American Chemical Society</i> , 2005, 127, 12460-12461.	6.6	146
38	Asymmetric Total Syntheses of Tuberostemonine, Didehydrotuberostemonine, and 13-Epituberostemonine. <i>Journal of the American Chemical Society</i> , 2005, 127, 225-235.	6.6	140
39	Mitochondria as a target in treatment. <i>Environmental and Molecular Mutagenesis</i> , 2010, 51, 462-475.	0.9	140
40	An investigation of the Mitsunobu reaction in the preparation of peptide oxazolines, thiazolines, and aziridines. <i>Tetrahedron Letters</i> , 1992, 33, 6267-6270.	0.7	139
41	An experimental survey of the transition between two-state and downhill protein folding scenarios. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2369-2374.	3.3	137
42	Water-accelerated organic transformations. <i>Chemical Communications</i> , 2001, , 299-307.	2.2	136
43	Methyl- and (Trifluoromethyl)alkene Peptide Isosteres: Synthesis and Evaluation of Their Potential as $\beta$ -Turn Promoters and Peptide Mimetics. <i>Journal of Organic Chemistry</i> , 1998, 63, 6088-6089.	1.7	135
44	Asymmetric Total Synthesis of the Stemona Alkaloid (-)-Stenine. <i>Journal of the American Chemical Society</i> , 1995, 117, 11106-11112.	6.6	134
45	The chiroptical signature of achiral metal clusters induced by dissymmetric adsorbates. <i>Physical Chemistry Chemical Physics</i> , 2006, 8, 63-67.	1.3	134
46	Dual-specificity phosphatases as targets for antineoplastic agents. <i>Nature Reviews Drug Discovery</i> , 2002, 1, 961-976.	21.5	132
47	Total Synthesis of (±)-Cycloclavine and (±)-5-epi-Cycloclavine. <i>Journal of the American Chemical Society</i> , 2011, 133, 7704-7707.	6.6	131
48	Claisen Rearrangements. , 1991, , 827-873.		129
49	Dimethylzinc-Mediated Additions of Alkenylzirconocenes to Aldimines. New Methodologies for Allylic Amine and C-Cyclopropylalkylamine Syntheses. <i>Journal of the American Chemical Society</i> , 2003, 125, 761-768.	6.6	128
50	Select pyrimidinones inhibit the propagation of the malarial parasite, <i>Plasmodium falciparum</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 1527-1533.	1.4	128
51	Theory-Assisted Determination of Absolute Stereochemistry for Complex Natural Products via Computation of Molar Rotation Angles. <i>Journal of the American Chemical Society</i> , 1998, 120, 2204-2205.	6.6	127
52	Potent and Selective Disruption of Protein Kinase D Functionality by a Benzoxoloazepinolone. <i>Journal of Biological Chemistry</i> , 2008, 283, 33516-33526.	1.6	124
53	Targeting of XJB-5-131 to Mitochondria Suppresses Oxidative DNA Damage and Motor Decline in a Mouse Model of Huntington's Disease. <i>Cell Reports</i> , 2012, 2, 1137-1142.	2.9	121
54	Stereochemical control in the ester enolate Claisen rearrangement. 2. Chairlike vs boatlike transition-state selection. <i>Journal of Organic Chemistry</i> , 1991, 56, 3572-3582.	1.7	112

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55	An improved protocol for azole synthesis with PEG-supported Burgess reagent. <i>Tetrahedron Letters</i> , 1996, 37, 4659-4662.	0.7	111
56	Studies on the synthesis of <i>Stemona</i> alkaloids; stereoselective preparation of the hydroindole ring system by oxidative cyclization of tyrosine. <i>Tetrahedron Letters</i> , 1992, 33, 5477-5480.	0.7	109
57	A General Strategy for Five-Membered Heterocycle Synthesis by Cycloelimination of Alkynyl Ketones, Amides, and Thioamides. <i>Journal of Organic Chemistry</i> , 1998, 63, 7132-7133.	1.7	109
58	The human milk oligosaccharides 2- $\alpha$ -fucosyllactose and 6-sialyllactose protect against the development of necrotizing enterocolitis by inhibiting toll-like receptor 4 signaling. <i>Pediatric Research</i> , 2021, 89, 91-101.	1.1	109
59	A Practical Method for Oxazole Synthesis by Cycloisomerization of Propargyl Amides. <i>Organic Letters</i> , 2004, 6, 3593-3595.	2.4	107
60	Development of a 384-Well Colorimetric Assay to Quantify Hydrogen Peroxide Generated by the Redox Cycling of Compounds in the Presence of Reducing Agents. <i>Assay and Drug Development Technologies</i> , 2008, 6, 505-518.	0.6	106
61	Growth Arrest by the Antitumor Steroidal Lactone Withaferin A in Human Breast Cancer Cells Is Associated with Down-regulation and Covalent Binding at Cysteine 303 of $\beta$ -Tubulin. <i>Journal of Biological Chemistry</i> , 2014, 289, 1852-1865.	1.6	106
62	Discovery and Validation of a New Class of Small Molecule Toll-Like Receptor 4 (TLR4) Inhibitors. <i>PLoS ONE</i> , 2013, 8, e65779.	1.1	105
63	Optical Rotation Computation, Total Synthesis, and Stereochemistry Assignment of the Marine Natural Product Pitamide A. <i>Journal of the American Chemical Society</i> , 2000, 122, 4608-4617.	6.6	104
64	Mitochondrial targeting of electron scavenging antioxidants: Regulation of selective oxidation vs random chain reactions. <i>Advanced Drug Delivery Reviews</i> , 2009, 61, 1375-1385.	6.6	103
65	Synthesis and biological evaluation of the first pentafluorosulfanyl analogs of mefloquine. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4163.	1.5	103
66	Ring-Strain-Enabled Reaction Discovery: New Heterocycles from Bicyclo[1.1.0]butanes. <i>Accounts of Chemical Research</i> , 2015, 48, 1149-1158.	7.6	103
67	Spontaneous DNA damage to the nuclear genome promotes senescence, redox imbalance and aging. <i>Redox Biology</i> , 2018, 17, 259-273.	3.9	103
68	Total Synthesis of ( $\alpha$ )-Tuberostemonine. <i>Journal of the American Chemical Society</i> , 2002, 124, 14848-14849.	6.6	102
69	Contribution of a Solute's Chiral Solvent Imprint to Optical Rotation. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6450-6452.	7.2	102
70	Solid-Phase Synthesis of Peptide Mimetics with (E)-Alkene Amide Bond Replacements Derived from Alkenylaziridines. <i>Journal of Organic Chemistry</i> , 1997, 62, 1586-1587.	1.7	100
71	Total Synthesis of ( $\alpha$ )-Disorazole C1. <i>Journal of the American Chemical Society</i> , 2004, 126, 15346-15347.	6.6	100
72	Conformational Studies and Structure-Activity Analysis of Lissoclinamide 7 and Related Cyclopeptide Alkaloids. <i>Journal of the American Chemical Society</i> , 1998, 120, 4105-4112.	6.6	99

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73	Thiolysis of oxazolines: A new, selective method for the direct conversion of peptide oxazolines into thiazolines. <i>Tetrahedron Letters</i> , 1995, 36, 6395-6398.	0.7	98
74	A New Thiazole Synthesis by Cyclocondensation of Thioamides and Alkynyl(Aryl)Iodonium Reagents. <i>Journal of Organic Chemistry</i> , 1996, 61, 8004-8005.	1.7	98
75	Total Synthesis and Revision of Stereochemistry of the Marine Metabolite Trunkamide A. <i>Journal of Organic Chemistry</i> , 2000, 65, 1037-1049.	1.7	98
76	Inhibition of Metalloprotease Botulinum Serotype A from a Pseudo-peptide Binding Mode to a Small Molecule That Is Active in Primary Neurons. <i>Journal of Biological Chemistry</i> , 2007, 282, 5004-5014.	1.6	98
77	Total Synthesis and Assignment of Configuration of Lissoclinamide 7. <i>Journal of the American Chemical Society</i> , 1996, 118, 12358-12367.	6.6	97
78	Evaluating $\beta$ -turn mimics as $\beta$ -sheet folding nucleators. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 11067-11072.	3.3	97
79	A Precursor-specific Role for Hsp40/Hsc70 during Tail-anchored Protein Integration at the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 2008, 283, 27504-27513.	1.6	95
80	Allylic Amines as Key Building Blocks in the Synthesis of (E)-Alkene Peptide Isosteres. <i>Organic Process Research and Development</i> , 2012, 16, 26-34.	1.3	95
81	Total synthesis of westiellamide. <i>Journal of the American Chemical Society</i> , 1992, 114, 10975-10977.	6.6	94
82	Electrostatic versus Steric Effects in Peptidomimicry: Synthesis and Secondary Structure Analysis of Gramicidin S Analogues with (E)-Alkene Peptide Isosteres. <i>Journal of the American Chemical Society</i> , 2005, 127, 5742-5743.	6.6	93
83	Profiling the NIH Small Molecule Repository for Compounds That Generate $H_2O_2$ by Redox Cycling in Reducing Environments. <i>Assay and Drug Development Technologies</i> , 2010, 8, 152-174.	0.6	93
84	Ferroptosis as a Novel Therapeutic Target for Friedreich's Ataxia. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 369, 47-54.	1.3	93
85	Total synthesis and structure assignment of the antitumor antibiotic aranorosin. <i>Journal of Organic Chemistry</i> , 1993, 58, 7195-7203.	1.7	92
86	Synthesis and Biological Evaluation of a Focused Mixture Library of Analogues of the Antimitotic Marine Natural Product Curacin A. <i>Journal of the American Chemical Society</i> , 2000, 122, 9391-9395.	6.6	92
87	Solvent Effect on Optical Rotation: A Case Study of Methyloxirane in Water. <i>ChemPhysChem</i> , 2006, 7, 2483-2486.	1.0	92
88	Pyrimidinone-peptoid hybrid molecules with distinct effects on molecular chaperone function and cell proliferation. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 3291-3301.	1.4	90
89	Novel Applications of Alkenyl Zirconocenes. <i>Chemistry - A European Journal</i> , 2002, 8, 1778.	1.7	89
90	DUAL SPECIFICITY PROTEIN PHOSPHATASES: Therapeutic Targets for Cancer and Alzheimer's Disease. <i>Annual Review of Pharmacology and Toxicology</i> , 2005, 45, 725-750.	4.2	88

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91	Polyketide Decarboxylative Chain Termination Preceded by <i>O</i> -Sulfonation in Curacin A Biosynthesis. <i>Journal of the American Chemical Society</i> , 2009, 131, 16033-16035.	6.6	88
92	Transmetalation Reactions in Organocopper Chemistry. <i>Synthesis</i> , 1993, 1993, 537-557.	1.2	86
93	Photoactivated Tungsten Hexacarbonyl-Catalyzed Conversion of Alkynols to Glycols. <i>Journal of Organic Chemistry</i> , 2003, 68, 8798-8807.	1.7	84
94	Selective carbon-carbon bond formations with alkenylzirconocenes. <i>Tetrahedron</i> , 2004, 60, 1269-1279.	1.0	82
95	Synthesis and biological evaluation of synthetic viridins derived from C(20)-heteroalkylation of the steroidal PI-3-kinase inhibitor wortmannin. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 1911.	1.5	81
96	Redox Regulation of Cdc25B by Cell-Active Quinolinediones. <i>Molecular Pharmacology</i> , 2005, 68, 1810-1820.	1.0	81
97	Mitochondria-targeted disruptors and inhibitors of cytochrome <i>c</i> /cardiolipin peroxidase complexes: A new strategy in anti-apoptotic drug discovery. <i>Molecular Nutrition and Food Research</i> , 2009, 53, 104-114.	1.5	81
98	General Solution to the Synthesis of <i>N</i> -2-Substituted 1,2,3-Triazoles. <i>Organic Letters</i> , 2010, 12, 4632-4635.	2.4	81
99	Synthesis and Biological Evaluation of Structurally Highly Modified Analogues of the Antimitotic Natural Product Curacin A. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 1901-1917.	2.9	80
100	Treatment With a Novel Hemigramicidin-TEMPO Conjugate Prolongs Survival in a Rat Model of Lethal Hemorrhagic Shock. <i>Annals of Surgery</i> , 2007, 245, 305-314.	2.1	80
101	Structural Requirements for Optimized Delivery, Inhibition of Oxidative Stress, and Antiapoptotic Activity of Targeted Nitroxides. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 320, 1050-1060.	1.3	80
102	A Mitochondria-Targeted Nitroxide/Hemigramicidin S Conjugate Protects Mouse Embryonic Cells Against Gamma Irradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 70, 816-825.	0.4	80
103	Total Synthesis and Stereochemical Revision of (+)-Aeruginosin 298-A. <i>Organic Letters</i> , 2000, 2, 4213-4216.	2.4	79
104	Transition-Metal-Mediated Cascade Reactions: $\text{C},\text{C}$ -Dicyclopropylmethylamines by Way of Double $\text{C},\text{C}$ -Bond Insertion into Bicyclobutanes. <i>Journal of the American Chemical Society</i> , 2003, 125, 14694-14695.	6.6	79
105	Kupplung von Peptiden mit C-terminalen $\alpha$ -disubstituierten $\alpha$ -Aminosäuren via Oxazol-5(4H)-one. <i>Helvetica Chimica Acta</i> , 1986, 69, 1153-1162.	1.0	77
106	Total Synthesis of the Antimitotic Marine Natural Product (+)-Curacin A. <i>Journal of Organic Chemistry</i> , 1996, 61, 6556-6562.	1.7	77
107	Hemigramicidin-TEMPO conjugates: Novel mitochondria-targeted anti-oxidants. <i>Biochemical Pharmacology</i> , 2007, 74, 801-809.	2.0	77
108	A Targeted Library of Small-Molecule, Tyrosine, and Dual-Specificity Phosphatase Inhibitors Derived from a Rational Core Design and Random Side Chain Variation. <i>Biochemistry</i> , 1997, 36, 15965-15974.	1.2	76

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109	Transmetalation reactions of alkylzirconocenes: copper-catalyzed conjugate addition to enones. <i>Journal of Organic Chemistry</i> , 1991, 56, 6494-6496.	1.7	75
110	Novel protein kinase D inhibitors cause potent arrest in prostate cancer cell growth and motility. <i>BMC Chemical Biology</i> , 2010, 10, 5.	1.6	75
111	Mitochondria-targeted ROS scavenger improves post-ischemic recovery of cardiac function and attenuates mitochondrial abnormalities in aged rats. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 77, 136-146.	0.9	75
112	$\pi$ -Facial Selectivity in Nucleophilic Additions to 4,4-Disubstituted Dienones: Experimental Support for Electrostatic Control. <i>Journal of the American Chemical Society</i> , 1994, 116, 11678-11688.	6.6	73
113	Dimethylzinc-Mediated Addition of Alkenylzirconocenes to $\hat{\text{I}}\pm$ -Keto and $\hat{\text{I}}\pm$ -Imino Esters. <i>Organic Letters</i> , 2003, 5, 2449-2452.	2.4	73
114	Oxidative lipidomics of hyperoxic acute lung injury: mass spectrometric characterization of cardiolipin and phosphatidylserine peroxidation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010, 299, L73-L85.	1.3	73
115	Synthetic studies toward diazamide A. Preparation of the benzofuranone-indolyloxazole fragment. <i>Tetrahedron Letters</i> , 1998, 39, 2223-2226.	0.7	72
116	Synthesis and applications of fluororous silyl protecting groups with improved acid stability. <i>Tetrahedron Letters</i> , 1999, 40, 5667-5670.	0.7	72
117	Microbial and Chemical Transformation Studies of the Bioactive Marine Sesquiterpenes (S)-(+)-Curcuphenol and -Curcudiol Isolated from a Deep Reef Collection of the Jamaican Sponge <i>Didiscus oxeata</i> . <i>Journal of Natural Products</i> , 2002, 65, 1547-1553.	1.5	72
118	Antimyeloma Effects of the Heat Shock Protein 70 Molecular Chaperone Inhibitor MAL3-101. <i>Journal of Oncology</i> , 2011, 2011, 1-11.	0.6	72
119	Elucidating Mitochondrial Electron Transport Chain Supercomplexes in the Heart During Ischemia- $\hat{\text{R}}$ Reperfusion. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 57-69.	2.5	72
120	Discovery and Characterization of Novel Small Molecule Inhibitors of Human Cdc25B Dual Specificity Phosphatase. <i>Molecular Pharmacology</i> , 2004, 66, 824-833.	1.0	71
121	Total Synthesis of (-)-Thiangazole and Structurally Related Polyazoles. <i>Journal of Organic Chemistry</i> , 1995, 60, 7224-7229.	1.7	70
122	Synthesis and applications of a fluororous THP protective group. <i>Tetrahedron Letters</i> , 1999, 40, 4649-4652.	0.7	70
123	Structural and Conformational Dependence of Optical Rotation Angles. <i>Journal of Physical Chemistry A</i> , 1999, 103, 6603-6611.	1.1	70
124	Rhodium(I)-Catalyzed Cycloisomerizations of Bicyclobutanes. <i>Journal of the American Chemical Society</i> , 2008, 130, 6924-6925.	6.6	70
125	Titanocene(III)-Catalyzed Formation of Indolines and Azaindolines. <i>Organic Letters</i> , 2008, 10, 4383-4386.	2.4	69
126	Protein kinase D as a potential new target for cancer therapy. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2010, 1806, 183-192.	3.3	69



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127	ATF4 Regulates CD4+ T Cell Immune Responses through Metabolic Reprogramming. <i>Cell Reports</i> , 2018, 23, 1754-1766.	2.9	69
128	A formal total synthesis of leucascandrolide A. <i>Chemical Communications</i> , 2002, , 2066-2067.	2.2	68
129	p97: An Emerging Target for Cancer, Neurodegenerative Diseases, and Viral Infections. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 1892-1907.	2.9	68
130	Total synthesis of cyclotheonamide A. <i>Journal of Organic Chemistry</i> , 1993, 58, 5592-5594.	1.7	67
131	Total Synthesis of (âˆ™)-Muscoride A. <i>Journal of Organic Chemistry</i> , 1996, 61, 6517-6522.	1.7	67
132	Water/MAO Acceleration of the Zirconocene-Catalyzed Asymmetric Methylalumination of Î±-Olefins. <i>Organic Letters</i> , 2000, 2, 1713-1716.	2.4	67
133	Synthetic Studies toward Diazonamide A. A Novel Approach for Polyoxazole Synthesis. <i>Organic Letters</i> , 2001, 3, 1261-1264.	2.4	67
134	Determining Absolute Configuration in Flexible Molecules: A Case Study. <i>Journal of the American Chemical Society</i> , 2001, 123, 8961-8966.	6.6	67
135	Three-Component Aldimine Additionâ”Cyclopropanation. An Efficient New Methodology for Amino Cyclopropane Synthesis. <i>Journal of the American Chemical Society</i> , 2001, 123, 5122-5123.	6.6	67
136	Terminal Alkene Formation by the Thioesterase of Curacin A Biosynthesis. <i>Journal of Biological Chemistry</i> , 2011, 286, 14445-14454.	1.6	67
137	Targeting Mitochondrial Oxidative Stress to Mitigate UV-Induced Skin Damage. <i>Frontiers in Pharmacology</i> , 2018, 9, 920.	1.6	67
138	Enantioselective Synthesis and Photoracemization Studies of (+)-2-Cyclopropyl-7,8-dimethoxy-2H-chromene-5-carboxylic Acid Methyl Ester, an Advanced Intermediate of a Dihydrofolate Reductase Inhibitor. <i>Journal of Organic Chemistry</i> , 1999, 64, 5321-5324.	1.7	66
139	Parallel Synthesis of Oxazolines and Thiazolines by Tandem Condensationâ”Cyclodehydration of Carboxylic Acids with Amino Alcohols and Amino Thiols. <i>ACS Combinatorial Science</i> , 2002, 4, 656-660.	3.3	65
140	Hemigramicidin-TEMPO conjugates: Novel mitochondria-targeted antioxidants. <i>Critical Care Medicine</i> , 2007, 35, S461-S467.	0.4	65
141	Total Synthesis of N14-Desacetyxtubulysin H. <i>Organic Letters</i> , 2007, 9, 1605-1607.	2.4	65
142	Structureâ”Cactivity and Highâ”Content Imaging Analyses of Novel Tubulysins. <i>Chemical Biology and Drug Design</i> , 2007, 70, 75-86.	1.5	65
143	Optical Signatures of Molecular Dissymmetry: Combining Theory with Experiments To Address Stereochemical Puzzles. <i>Accounts of Chemical Research</i> , 2009, 42, 809-819.	7.6	65
144	Organozirconocenes in organic synthesis: tandem epoxide rearrangement-carbonyl addition. <i>Journal of Organic Chemistry</i> , 1993, 58, 825-826.	1.7	64

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145	Conjugate addition reactions of organosamarium species via in situ transmetalation to copper(I) salts. <i>Journal of Organic Chemistry</i> , 1992, 57, 1740-1744.	1.7	63
146	Optical Rotation of Noncovalent Aggregates. <i>Journal of the American Chemical Society</i> , 2003, 125, 15696-15697.	6.6	63
147	Two Strategies for the Development of Mitochondrion-Targeted Small Molecule Radiation Damage Mitigators. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 80, 860-868.	0.4	63
148	Chemical methodology as a source of small-molecule checkpoint inhibitors and heat shock protein 70 (Hsp70) modulators. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6757-6762.	3.3	63
149	Synthesis and applications of a highly fluororous alkoxy ethyl ether protective group. <i>Tetrahedron Letters</i> , 1999, 40, 5139-5142.	0.7	62
150	Diels-Alder approaches to ring-functionalized cyclic $\beta$ -amino acids. <i>Tetrahedron Letters</i> , 2000, 41, 8747-8751.	0.7	62
151	Chemistry and Biology of Curacin A. <i>Current Pharmaceutical Design</i> , 2004, 10, 1417-1437.	0.9	62
152	Copper-catalyzed conjugate additions of organozirconocenes. Synthetic and mechanistic studies. <i>Tetrahedron</i> , 1994, 50, 1935-1954.	1.0	61
153	New peroxy lactones from the Jamaican sponge <i>Plakinastrella onkodes</i> , with inhibitory activity against the AIDS opportunistic parasitic infection <i>Toxoplasma gondii</i> . <i>Tetrahedron</i> , 2001, 57, 1483-1487.	1.0	61
154	Cell-Active Dual Specificity Phosphatase Inhibitors Identified by High-Content Screening. <i>Chemistry and Biology</i> , 2003, 10, 733-742.	6.2	61
155	Azomethine Ylides. <i>Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs</i> , 2003, , 169-252.	0.0	61
156	Structure Reassignment of the Fungal Metabolite TAEMC161 as the Phytotoxin Viridiol. <i>Journal of Natural Products</i> , 2003, 66, 716-718.	1.5	61
157	Natural product based inhibitors of the thioredoxin-thioredoxin reductase system. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 1651-1658.	1.5	61
158	Molecular pharmacology and antitumor activity of palmarumycin-based inhibitors of thioredoxin reductase. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 630-636.	1.9	61
159	Chemical Induction of Hsp70 Reduces $\alpha$ -Synuclein Aggregation in Neuroglioma Cells. <i>ACS Chemical Biology</i> , 2013, 8, 1460-1468.	1.6	61
160	Synthesis of oxazines and thiazines by cyclodehydration of hydroxy amides and thioamides. <i>Tetrahedron</i> , 1998, 54, 6987-6998.	1.0	60
161	Nitrile Oxides. <i>Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs</i> , 2003, , 361-472.	0.0	60
162	Total synthesis, biosynthesis and biological profiles of clavine alkaloids. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 5894-5913.	1.5	60

#	ARTICLE	IF	CITATIONS
163	Synthesis of Peptides Containing $\alpha,\beta$ -Disubstituted $\alpha$ -Amino Acids by the Azirine/Oxazolone Method: The (12-20)-Nonapeptide of the Ionophore Alamethicin. <i>Helvetica Chimica Acta</i> , 1990, 73, 13-24.	1.0	59
164	From Aziridines to Oxazolines and Thiazolines: The Heterocyclic Route to Thiogazole. <i>Synlett</i> , 1997, 1, 1-10.	1.0	59
165	Protein Kinase D as a Potential Chemotherapeutic Target for Colorectal Cancer. <i>Molecular Cancer Therapeutics</i> , 2014, 13, 1130-1141.	1.9	58
166	Transmetalation reactions of alkenylalanes: copper-catalyzed conjugate addition to enones. <i>Journal of Organic Chemistry</i> , 1992, 57, 3178-3186.	1.7	57
167	Transmetalation reactions of organosamarium reagents. Chlorosilane-accelerated copper-catalyzed conjugate additions. <i>Journal of Organic Chemistry</i> , 1993, 58, 3455-3459.	1.7	56
168	Water-Accelerated Tandem Claisen Rearrangement—Catalytic Asymmetric Carboalumination. <i>Organic Letters</i> , 2001, 3, 1503-1505.	2.4	56
169	Convergent Approach to (E)-Alkene and Cyclopropane Peptide Isosteres. <i>Organic Letters</i> , 2005, 7, 103-106.	2.4	56
170	New inhibitors of the thioredoxin—thioredoxin reductase system based on a naphthoquinone spiroketal natural product lead. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 2637-2641.	1.0	55
171	Metal Complexes of Marine Peptide Metabolites: A Novel Ag <sub>4</sub> Cluster. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 1516-1518.	4.4	54
172	Synthesis of the C1—C11 Segment of Leucascandrolide A. <i>Journal of Organic Chemistry</i> , 2001, 66, 3242-3245.	1.7	54
173	A cell-active inhibitor of mitogen-activated protein kinase phosphatases restores paclitaxel-induced apoptosis in dexamethasone-protected cancer cells. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 330-340.	1.9	54
174	<i>Plasmodium falciparum</i> encodes a single cytosolic type I Hsp40 that functionally interacts with Hsp70 and is upregulated by heat shock. <i>Cell Stress and Chaperones</i> , 2011, 16, 389-401.	1.2	54
175	Design, Synthesis, and Biological Evaluation of PKD Inhibitors. <i>Pharmaceutics</i> , 2011, 3, 186-228.	2.0	54
176	Stereospecific synthesis of peptide analogs with allo-threonine and D-allo-threonine residues. <i>Journal of Organic Chemistry</i> , 1993, 58, 1575-1578.	1.7	53
177	Nucleophilic Additions to 4,4-Disubstituted 2,5-Cyclohexadienones: Can Dipole Effects Control Facial Selectivity?. <i>Chemical Reviews</i> , 1999, 99, 1469-1480.	23.0	53
178	Small molecule inhibitors of dual specificity protein phosphatases. <i>Oncogene</i> , 2000, 19, 6607-6612.	2.6	53
179	Novel benzofuran inhibitors of human mitogen-activated protein kinase phosphatase-1. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 5643-5650.	1.4	53
180	Identification of Potent Chemotypes Targeting <i>Leishmania major</i> Using a High-Throughput, Low-Stringency, Computationally Enhanced, Small Molecule Screen. <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e540.	1.3	53

#	ARTICLE	IF	CITATIONS
181	Pharmacological Mitigation of Tissue Damage during Brain Microdialysis. <i>Analytical Chemistry</i> , 2013, 85, 8173-8179.	3.2	53
182	Carboalumination of 1-alkynes and in situ transmetalation to higher order cyanocuprates. Stereospecific synthesis of tri- and disubstituted olefins by conjugate addition to enones. <i>Journal of Organic Chemistry</i> , 1990, 55, 1425-1426.	1.7	52
183	Total Synthesis of a Stereoisomer of Bistramide C and Assignment of Configuration of the Natural Product. <i>Chemistry - A European Journal</i> , 2002, 8, 1670-1681.	1.7	52
184	Synthesis of an 8-pentafluorosulfanyl analog of the antimalarial agent mefloquine. <i>Tetrahedron Letters</i> , 2010, 51, 5137-5140.	0.7	52
185	Anwendung der Azirin/Oxazolone-Methode in der Peptid-Chemie: Synthese von Modell-Tripeptiden. <i>Helvetica Chimica Acta</i> , 1988, 71, 140-154.	1.0	51
186	Deciphering of Mitochondrial Cardiolipin Oxidative Signaling in Cerebral Ischemia-Reperfusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 319-328.	2.4	51
187	Synthesis and Evaluation of Potent KCNQ2/3-Specific Channel Activators. <i>Molecular Pharmacology</i> , 2016, 89, 667-677.	1.0	51
188	t-BuOOH induces ferroptosis in human and murine cell lines. <i>Archives of Toxicology</i> , 2018, 92, 759-775.	1.9	51
189	2,4-Bis(4-methylphenylthio)-1,3,2,5,4,7,5-dithiadiphosphetan-2,4-dithion: Ein neues Reagens zur Schwefelung von N,N-disubstituierten Amiden. <i>Helvetica Chimica Acta</i> , 1987, 70, 1001-1011.	1.0	50
190	Stereoselective synthesis of the functionalized spirocyclic core of aranzosin. <i>Journal of Organic Chemistry</i> , 1993, 58, 1649-1650.	1.7	50
191	Combinatorial synthesis and biological evaluation of Library of small-molecule Ser/Thr-protein phosphatase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 1997, 5, 165-177.	1.4	50
192	Tandem Zirconocene Homologation <sup>2</sup> Aldimine Allylation. <i>Organic Letters</i> , 2001, 3, 2773-2776.	2.4	50
193	Synthesis of the Tubuvaline-Tubuphenylalanine (Tuv-Tup) Fragment of Tubulysin. <i>Organic Letters</i> , 2004, 6, 4057-4060.	2.4	50
194	Pericyclic Cascade Reactions of (Bicyclo[1.1.0]butylmethyl)amines. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4172-4175.	7.2	50
195	Schnelle Carbaluminierung von Alkinen in Gegenwart von Wasser. <i>Angewandte Chemie</i> , 1993, 105, 1095-1097.	1.6	49
196	A new synthesis of $\beta$ -methylserine by nucleophilic ring-opening of N-sulfonyl aziridines. <i>Tetrahedron Letters</i> , 1995, 36, 3639-3642.	0.7	48
197	Origins of the High 14-Helix Propensity of Cyclohexyl-Rigidified Residues in $\beta$ -Peptides. <i>Organic Letters</i> , 2007, 9, 1801-1804.	2.4	48
198	Reversible Thiazolidine Exchange: A New Reaction Suitable for Dynamic Combinatorial Chemistry. <i>Organic Letters</i> , 2009, 11, 3170-3173.	2.4	48

#	ARTICLE	IF	CITATIONS
199	Isolation, biology and chemistry of the disorazoles: new anti-cancer macrodiolides. <i>Natural Product Reports</i> , 2009, 26, 585.	5.2	48
200	Photochemical Flow Reactions. <i>Israel Journal of Chemistry</i> , 2014, 54, 361-370.	1.0	48
201	Selektive Amidspaltung bei Peptiden mit $\alpha,\beta$ -disubstituierten $\alpha$ -Aminosäuren. <i>Helvetica Chimica Acta</i> , 1987, 70, 354-368.	1.0	47
202	Synthesis of (-)-LL-C100371 and Related Manumycin-Type Epoxyquinols. <i>Synthesis</i> , 1995, 1995, 1549-1561.	1.2	47
203	Synthesis of the C(1)~C(18) Segment of Lophotoxin and Pukalide. Control of 2-Alkenylfuran (E/Z)-Configuration. <i>Organic Letters</i> , 2002, 4, 1787-1790.	2.4	47
204	Diversity-Oriented Synthesis of Azaspirocycles. <i>Organic Letters</i> , 2004, 6, 3009-3012.	2.4	47
205	Chrysopaentins are competitive inhibitors of FtsZ and inhibit Z-ring formation in live bacteria. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 5673-5678.	1.4	47
206	Mitochondria-targeted antioxidant preserves contractile properties and mitochondrial function of skeletal muscle in aged rats. <i>Oncotarget</i> , 2015, 6, 39469-39481.	0.8	47
207	Structure~Activity Study of Bioisosteric Trifluoromethyl and Pentafluorosulfanyl Indole Inhibitors of the AAA ATPase p97. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 1225-1230.	1.3	47
208	Evaluation of mitochondrial bioenergetics, dynamics, endoplasmic reticulum-mitochondria crosstalk, and reactive oxygen species in fibroblasts from patients with complex I deficiency. <i>Scientific Reports</i> , 2018, 8, 1165.	1.6	47
209	The HSP70 Modulator MAL3-101 Inhibits Merkel Cell Carcinoma. <i>PLoS ONE</i> , 2014, 9, e92041.	1.1	47
210	Synthesis and biological evaluation of deoxypreussomerin A and palmarumycin CP1 and related naphthoquinone spiroketals. <i>Tetrahedron</i> , 2001, 57, 283-296.	1.0	46
211	Expedient Synthesis of the $\beta$ -C-Glycoside Analogue of the Immunostimulant Galactosylceramide (KRN7000). <i>Organic Letters</i> , 2006, 8, 3375-3378.	2.4	46
212	Large-Scale Asymmetric Synthesis of the Bioprotective Agent JP4-039 and Analogs. <i>Organic Letters</i> , 2011, 13, 2318-2321.	2.4	46
213	Total synthesis of the putative structure of the marine metabolite trunkamide A. <i>Tetrahedron Letters</i> , 1999, 40, 5165-5169.	0.7	45
214	Total synthesis and structure validation of (+)-bistramide C. <i>Chemical Communications</i> , 2005, , 3421.	2.2	45
215	Computational design, synthesis and biological evaluation of para-quinone-based inhibitors for redox regulation of the dual-specificity phosphatase Cdc25B. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3256.	1.5	45
216	Formation of Nine-Membered Lactams by Oxidative Ring Expansion of 4-Hydroxyhydroindoles: A Biomimetic Approach toward the Tuberosomonone Ring System?. <i>Journal of Organic Chemistry</i> , 1999, 64, 4576-4577.	1.7	44

#	ARTICLE	IF	CITATIONS
217	Nitrones. Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2003, , 1-81.	0.0	44
218	Density Functional Theory Calculation of <sup>13</sup> C NMR Shifts of Diazaphenanthrene Alkaloids: Reinvestigation of the Structure of Samoquasine A. Journal of Organic Chemistry, 2008, 73, 9168-9170.	1.7	44
219	Mitochondrial targeting of XJB-5-131 attenuates or improves pathophysiology in HdhQ150 animals with well-developed disease phenotypes. Human Molecular Genetics, 2016, 25, 1792-1802.	1.4	44
220	The mitochondria-targeted nitroxide JP4-039 augments potentially lethal irradiation damage repair. In Vivo, 2009, 23, 717-26.	0.6	44
221	Konformationsanalysen von Modell-Tripeptiden: Der Einfluss von $\alpha,\beta$ -disubstituierten $\alpha$ -Aminosäuren auf die Sekundärstruktur. Teil I. NMR- und CD-Untersuchungen. Helvetica Chimica Acta, 1988, 71, 258-267.	1.0	43
222	Zirconocene-catalyzed epoxy ester - ortho ester rearrangement: A new method for the protection of polyfunctionalized carboxylic acids and the asymmetric synthesis of ortho esters. Tetrahedron, 1997, 53, 16575-16596.	1.0	43
223	Total Synthesis of (±)-Nisamycin. Journal of Organic Chemistry, 1999, 64, 5053-5061.	1.7	43
224	Independent Mechanistic Inhibition of Cdc25 Phosphatases by a Natural Product Caulibugulone. Molecular Pharmacology, 2007, 71, 184-192.	1.0	43
225	Inhibition of Simian Virus 40 replication by targeting the molecular chaperone function and ATPase activity of T antigen. Virus Research, 2009, 141, 71-80.	1.1	43
226	Structure-activity relationships amongst 4-position quinoline methanol antimalarials that inhibit the growth of drug sensitive and resistant strains of Plasmodium falciparum. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 1347-1351.	1.0	43
227	Perfluorooctane Sulfonate (PFOS) Produces Dopaminergic Neuropathology in Caenorhabditis elegans. Toxicological Sciences, 2019, 172, 417-434.	1.4	43
228	Synthesis of Homoallylic Amines by Hydrozirconation <sup>+</sup> Imine Addition of Allenes. Organic Letters, 2005, 7, 3537-3540.	2.4	42
229	Maternal aryl hydrocarbon receptor activation protects newborns against necrotizing enterocolitis. Nature Communications, 2021, 12, 1042.	5.8	42
230	NAD(P)H:Quinone Oxidoreductase-1-Dependent and -Independent Cytotoxicity of Potent Quinone Cdc25 Phosphatase Inhibitors. Journal of Pharmacology and Experimental Therapeutics, 2004, 309, 64-70.	1.3	41
231	Three-Component Synthesis of $\beta,\gamma$ -Cyclopropyl- $\beta$ -Amino Acids. Organic Letters, 2005, 7, 1137-1140.	2.4	41
232	Mitochondrial energetics is impaired in very long-chain acyl-CoA dehydrogenase deficiency and can be rescued by treatment with mitochondria-targeted electron scavengers. Human Molecular Genetics, 2019, 28, 928-941.	1.4	41
233	Transmetalation Reactions of Organozirconocenes: A General, Selective, and Facile Synthesis of Ketones from Acid Chlorides. Synlett, 1992, 1992, 718-721.	1.0	40
234	A New Ligand Scaffold for Catalytic Asymmetric Alkylzinc Additions to Aldehydes. Organic Letters, 2002, 4, 1197-1200.	2.4	40

#	ARTICLE	IF	CITATIONS
235	Diazoalkanes. Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2003, , 539-621.	0.0	40
236	Nanoassembly of Surfactants with Interfacial Drug-Interactive Motifs as Tailor-Designed Drug Carriers. Molecular Pharmaceutics, 2013, 10, 187-198.	2.3	40
237	Evaluation of a Novel Calcium Channel Agonist for Therapeutic Potential in Lambert-Eaton Myasthenic Syndrome. Journal of Neuroscience, 2013, 33, 10559-10567.	1.7	40
238	Thiophilic ring-opening and rearrangement reactions of epoxyketone natural products. Bioorganic and Medicinal Chemistry Letters, 1998, 8, 351-356.	1.0	39
239	Microwave promoted oxazole synthesis: cyclocondensation cascade of oximes and acyl chlorides. Tetrahedron Letters, 2005, 46, 5463-5466.	0.7	39
240	Contributions of Academic Laboratories to the Discovery and Development of Chemical Biology Tools. Journal of Medicinal Chemistry, 2013, 56, 7161-7176.	2.9	39
241	Eight-Step Enantioselective Total Synthesis of (S)-Cycloclavine. Angewandte Chemie - International Edition, 2017, 56, 324-327.	7.2	39
242	Long-Range Electrostatic Effects in Synthesis: Dipole-Controlled Nucleophilic Addition to a Naphthoquinone Acetal in Model Studies toward Diepoxinif. Angewandte Chemie International Edition in English, 1997, 36, 764-767.	4.4	38
243	Total Synthesis of Palmarumycin CP1 and (±)-Deoxypreussomerin A. Journal of Organic Chemistry, 1998, 63, 3530-3531.	1.7	38
244	Efficient Synthesis of 1,4-Dihydro-2H-isoquinoline-3,5,8-triones via Cyclobutene Ring Expansion. Journal of Organic Chemistry, 1999, 64, 6881-6887.	1.7	38
245	Synthesis of (±)-Thiohalenaquinone by Iterative Metalations of Thiophene. Organic Letters, 2007, 9, 3121-3124.	2.4	38
246	Synthesis of Cyclopeptide Alkaloids by Cyclooligomerization of Dipeptidyl Oxazolines. Tetrahedron, 2000, 56, 9143-9150.	1.0	37
247	Silver(I)-Catalyzed Addition of Zirconocenes to Glycal Epoxides. A New Synthesis of (±)-C-Glycosides. Organic Letters, 2005, 7, 483-485.	2.4	37
248	Transition-Metal-Mediated Cascade Reactions: The Water-Accelerated Carboalumination-Claisen Rearrangement-Carbonyl Addition Reaction. Journal of Organic Chemistry, 2005, 70, 8096-8102.	1.7	37
249	Trisubstituted (E)-Alkene Dipeptide Isosteres as $\beta^2$ -Turn Promoters in the Gramicidin S Cyclodecapeptide Scaffold. Organic Letters, 2006, 8, 4731-4734.	2.4	37
250	GS-Nitroxide (JP4-039)-Mediated Radioprotection of Human Fanconi Anemia Cell Lines. Radiation Research, 2011, 176, 603-612.	0.7	37
251	Genetically encoded redox sensor identifies the role of ROS in degenerative and mitochondrial disease pathogenesis. Neurobiology of Disease, 2012, 45, 362-368.	2.1	37
252	Photooxygenation of an amino-thienopyridone yields a more potent PTP4A3 inhibitor. Organic and Biomolecular Chemistry, 2016, 14, 6398-6402.	1.5	37

#	ARTICLE	IF	CITATIONS
253	A Topical Mitochondria-Targeted Redox-Cycling Nitroxide Mitigates Oxidative Stress-Induced Skin Damage. <i>Journal of Investigative Dermatology</i> , 2017, 137, 576-586.	0.3	37
254	Synthesis and reactivity of dioxycarbenium ions from epoxy esters and cationic zirconium complexes. <i>Journal of Organic Chemistry</i> , 1993, 58, 5880-5882.	1.7	36
255	Water-Accelerated Organometallic Chemistry: Alkyne Carboalumination $\rightarrow$ Sulfinimine Addition and Asymmetric Synthesis of Allylic Amines. <i>Helvetica Chimica Acta</i> , 2002, 85, 3478-3488.	1.0	36
256	Synthesis of the 3-Aza-[7]-paracyclophane Core of Haouamine A and B. <i>Organic Letters</i> , 2006, 8, 1901-1904.	2.4	36
257	Development and Implementation of a 384-Well Homogeneous Fluorescence Intensity High-Throughput Screening Assay to Identify Mitogen-Activated Protein Kinase Phosphatase-1 Dual-Specificity Protein Phosphatase Inhibitors. <i>Assay and Drug Development Technologies</i> , 2007, 5, 319-332.	0.6	36
258	Radiologic Differences between Bone Marrow Stromal and Hematopoietic Progenitor Cell Lines from Fanconi Anemia (Fancd2 $\rightarrow$ ) Mice. <i>Radiation Research</i> , 2014, 181, 76.	0.7	36
259	SD-208, a Novel Protein Kinase D Inhibitor, Blocks Prostate Cancer Cell Proliferation and Tumor Growth In Vivo by Inducing G2/M Cell Cycle Arrest. <i>PLoS ONE</i> , 2015, 10, e0119346.	1.1	36
260	Anti-Ferroptosis Drug Enhances Total-Body Irradiation Mitigation by Drugs that Block Apoptosis and Necroptosis. <i>Radiation Research</i> , 2020, 193, 435.	0.7	36
261	Identification of new Cdc25 dual specificity phosphatase inhibitors in a targeted small molecule array. <i>Bioorganic and Medicinal Chemistry</i> , 2000, 8, 1451-1466.	1.4	35
262	Synthesis and biological evaluation of caulibugulones A $\rightarrow$ E. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 2173-2174.	1.5	35
263	Toward a Molecular Understanding of the Interaction of Dual Specificity Phosphatases with Substrates: Insights from Structure-Based Modeling and High Throughput Screening. <i>Current Medicinal Chemistry</i> , 2008, 15, 2536-2544.	1.2	35
264	Cdc25B Dual-Specificity Phosphatase Inhibitors Identified in a High-Throughput Screen of the NIH Compound Library. <i>Assay and Drug Development Technologies</i> , 2009, 7, 250-265.	0.6	35
265	Total Synthesis of (R)-CP <sub>2</sub> -Disorazole C <sub>1</sub> . <i>Organic Letters</i> , 2011, 13, 4088-4091.	2.4	35
266	Toll-like receptor 4 $\rightarrow$ mediated enteric glia loss is critical for the development of necrotizing enterocolitis. <i>Science Translational Medicine</i> , 2021, 13, eabg3459.	5.8	35
267	Studies directed towards the total synthesis of FK-506 preparation of a C(1) to C(15) segment. <i>Tetrahedron Letters</i> , 1989, 30, 919-922.	0.7	34
268	Copper(I)-catalysed asymmetric conjugate addition of organozirconocenes to N-acyl oxazolidinones. <i>Chemical Communications</i> , 1996, , 2675.	2.2	34
269	Studies toward the synthesis of Stemona alkaloids; a short synthesis of the tricyclic core of tuberostemonines. <i>Tetrahedron Letters</i> , 1996, 37, 739-742.	0.7	34
270	Synthetic and model computational studies of molar rotation additivity for interacting chiral centers: A reinvestigation of van't Hoff's principle. , 1997, 9, 469-477.		34



#	ARTICLE	IF	CITATIONS
271	A microwave assisted intramolecular-furan-Diels-Alder approach to 4-substituted indoles. <i>Chemical Communications</i> , 2008, , 104-106.	2.2	34
272	Microtubule Binding and Disruption and Induction of Premature Senescence by Disorazole. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 328, 715-722.	1.3	34
273	Structural Basis of Functional Group Activation by Sulfotransferases in Complex Metabolic Pathways. <i>ACS Chemical Biology</i> , 2012, 7, 1994-2003.	1.6	34
274	Intraesophageal administration of GS-nitroxide (JP4-039) protects against ionizing irradiation-induced esophagitis. <i>In Vivo</i> , 2010, 24, 811-9.	0.6	34
275	Use of a masked aldol unit in the synthesis of the right side of FK-506. <i>Journal of Organic Chemistry</i> , 1990, 55, 2284-2285.	1.7	33
276	Synthesis and Structure-Activity Relationships of Benzothienothiazepinone Inhibitors of Protein Kinase D. <i>ACS Medicinal Chemistry Letters</i> , 2011, 2, 154-159.	1.3	33
277	5-Hydroxyindoles by Intramolecular Alkynol-Furan Diels-Alder Cycloaddition. <i>Journal of Organic Chemistry</i> , 2013, 78, 167-174.	1.7	33
278	Bridged tetrahydroisoquinolines as selective NADPH oxidase 2 (Nox2) inhibitors. <i>MedChemComm</i> , 2013, 4, 1085.	3.5	33
279	Synthesis and biological evaluation of 3-aminoisoquinolin-1(2H)-one based inhibitors of the dual-specificity phosphatase Cdc25B. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 2810-2818.	1.4	33
280	Synaptic Pathophysiology and Treatment of Lambert-Eaton Myasthenic Syndrome. <i>Molecular Neurobiology</i> , 2015, 52, 456-463.	1.9	33
281	Combined chemical-genetic approach identifies cytosolic HSP70 dependence in rhabdomyosarcoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9015-9020.	3.3	33
282	Radiobiologic effects of GS-nitroxide (JP4-039) on the hematopoietic syndrome. <i>In Vivo</i> , 2011, 25, 315-23.	0.6	33
283	Towards Raman Optical Activity Calculations of Large Molecules. <i>ChemPhysChem</i> , 2005, 6, 595-597.	1.0	32
284	Small molecule targeting of PTPs in cancer. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 96, 171-181.	1.2	32
285	Relaxin therapy reverses radiation-induced fibrosis and restores bladder function in mice. <i>Neurourology and Urodynamics</i> , 2018, 37, 2441-2451.	0.8	32
286	Synthesis of chemoreversible prodrugs of ara-C with variable time-release profiles. Biological evaluation of their apoptotic activity. <i>Bioorganic and Medicinal Chemistry</i> , 1996, 4, 1585-1596.	1.4	31
287	On the role of chiral catalysts in the alkenyl zirconocene/zinc addition to aldehydes: A study of ligand loading and asymmetric amplification. <i>Chirality</i> , 2003, 15, 208-212.	1.3	31
288	Imine Additions of Internal Alkynes for the Synthesis of Trisubstituted (E)-Alkene and Cyclopropane Peptide Isosteres. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 1605-1613.	2.1	31

#	ARTICLE	IF	CITATIONS
289	Total Synthesis of (â€“) -Sessilifoliamide C and (â€“) -8- <i>epi</i> -Stemoamide. <i>Organic Letters</i> , 2011, 13, 2634-2637.	2.4	31
290	Synthesis of 2-Hydrazolyl-4-Thiazolidinones Based on Multicomponent Reactions and Biological Evaluation Against <i>Trypanosoma Cruzi</i> . <i>Chemical Biology and Drug Design</i> , 2011, 77, 166-172.	1.5	31
291	Development of an Undergraduate Course in Chemical Laboratory Safety through an Academic/Industrial Collaboration. <i>Journal of Chemical Education</i> , 2018, 95, 577-583.	1.1	31
292	Synthesis of Highly Oxygenated Dinaphthyl Ethers via SNAr Reactions Promoted by Barton's Base. <i>Organic Letters</i> , 2003, 5, 1155-1158.	2.4	30
293	A Pregnane X Receptor Agonist with Unique Species-Dependent Stereoselectivity and Its Implications in Drug Development. <i>Molecular Pharmacology</i> , 2005, 68, 403-413.	1.0	30
294	Fluorous Parallel Synthesis of a Piperazinedione-Fused Tricyclic Compound Library. <i>ACS Combinatorial Science</i> , 2009, 11, 452-459.	3.3	30
295	Selenosemicarbazones as potent cruzipain inhibitors and their antiparasitic properties against <i>Trypanosoma cruzi</i> . <i>MedChemComm</i> , 2012, 3, 362.	3.5	30
296	Synthesis of anti-inflammatory Î±- and Î²-linked acetamidopyranosides as inhibitors of toll-like receptor 4 (TLR4). <i>Tetrahedron Letters</i> , 2015, 56, 3097-3100.	0.7	30
297	Allosteric Indole Amide Inhibitors of p97: Identification of a Novel Probe of the Ubiquitin Pathway. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 182-187.	1.3	30
298	Regulation and targeting of androgen receptor nuclear localization in castration-resistant prostate cancer. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	30
299	Konformationsanalysen von Modell-Tripeptiden: Der Einfluss von $\alpha,\beta$ -disubstituierten $\alpha$ -Aminosäuren auf die Sekundärstruktur. Teil II. Rückgratgenstrukturanalyse und Konformationsenergie-Berechnungen. <i>Helvetica Chimica Acta</i> , 1988, 71, 268-273.	1.0	29
300	Determination of the absolute configuration of 1,3,5,7-tetramethyl-1,3-dihydroindol-2-one by optical rotation computation. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 4143-4150.	1.8	29
301	Silver(I)-Catalyzed Addition of Zirconocenes to Epoxy Esters: A New Entry to 1,4-Dicarbonyl Compounds and Pyridazinones. <i>Organic Letters</i> , 1999, 1, 1253-1255.	2.4	29
302	Microwave-assisted tandem reactions for the synthesis of 2-hydrazolyl-4-thiazolidinones. <i>Tetrahedron Letters</i> , 2009, 50, 901-904.	0.7	29
303	Synthesis of analogs of the radiation mitigator JP4-039 and visualization of BODIPY derivatives in mitochondria. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 4147.	1.5	29
304	An Uncharged Oxetanyl Sulfoxide as a Covalent Modifier for Improving Aqueous Solubility. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 900-904.	1.3	29
305	Conformational Restriction and Steric Hindrance in Medicinal Chemistry. , 2015, , 279-299.		29
306	Total Synthesis and Biological Evaluation of Tubulysin Analogues. <i>Journal of Organic Chemistry</i> , 2016, 81, 10302-10320.	1.7	29

#	ARTICLE	IF	CITATIONS
307	Synthesis of the Antitumor Antibiotic LL-C10037.alpha.. Journal of Organic Chemistry, 1994, 59, 3518-3519.	1.7	28
308	Sulfonylated aminothiazoles as new small molecule inhibitors of protein phosphatases. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 313-317.	1.0	28
309	Systematic Assignment of the Configuration of Flexible Natural Products by Spectroscopic and Computational Methods: The Bistramide C Analysis. Organic Letters, 2005, 7, 5269-5272.	2.4	28
310	Strategies for Discovery of Small Molecule Radiation Protectors and Radiation Mitigators. Frontiers in Oncology, 2011, 1, 59.	1.3	28
311	Amelioration of Radiation-Induced Pulmonary Fibrosis by a Water-Soluble Bifunctional Sulfoxide Radiation Mitigator (MMS350). Radiation Research, 2013, 180, 474.	0.7	28
312	New Pyrazolopyrimidine Inhibitors of Protein Kinase D as Potent Anticancer Agents for Prostate Cancer Cells. PLoS ONE, 2013, 8, e75601.	1.1	28
313	ETHE1 and MOCS1 deficiencies: Disruption of mitochondrial bioenergetics, dynamics, redox homeostasis and endoplasmic reticulum-mitochondria crosstalk in patient fibroblasts. Scientific Reports, 2019, 9, 12651.	1.6	28
314	Radical cleavage of a $\hat{I}^2$ -hydroxy azide: a reversal of regioselectivity in the oxidative fragmentation of hydroindoles. Tetrahedron Letters, 2000, 41, 4723-4727.	0.7	27
315	Water-Accelerated Claisen Rearrangements. Advanced Synthesis and Catalysis, 2002, 344, 434-440.	2.1	27
316	Spiroketal via oxidative rearrangement of enol ethers. Organic and Biomolecular Chemistry, 2007, 5, 58-60.	1.5	27
317	Peroxisome proliferator-activated receptor $\hat{I}^3$ agonist pioglitazone prevents the hyperglycemia caused by phosphatidylinositol 3-kinase pathway inhibition by PX-866 without affecting antitumor activity. Molecular Cancer Therapeutics, 2009, 8, 94-100.	1.9	27
318	Amelioration of Radiation-Induced Oral Cavity Mucositis and Distant Bone Marrow Suppression in Fanconi Anemia Fancd2 $\hat{I}^{\hat{I}}$ (FVB/N) Mice by Intraoral GS-Nitroxide JP4-039. Radiation Research, 2014, 182, 35.	0.7	27
319	Intraoral Mitochondrial-Targeted GS-Nitroxide, JP4-039, Radioprotects Normal Tissue in Tumor-Bearing Radiosensitive Fancd2 $\hat{I}^{\hat{I}}$ (C57BL/6) Mice. Radiation Research, 2016, 185, 134.	0.7	27
320	Hydrophosphination of Bicyclo[1.1.0]butane-1-carbonitriles. Organic Letters, 2016, 18, 4300-4303.	2.4	27
321	Optimization of pyrazole-containing 1,2,4-triazolo-[3,4-b]thiadiazines, a new class of STAT3 pathway inhibitors. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 3581-3585.	1.0	27
322	Improved Total-Body Irradiation Survival by Delivery of Two Radiation Mitigators that Target Distinct Cell Death Pathways. Radiation Research, 2017, 189, 68.	0.7	27
323	Targeting ovarian cancer and endothelium with an allosteric PTP4A3 phosphatase inhibitor. Oncotarget, 2018, 9, 8223-8240.	0.8	27
324	Glycosylation via Cp2ZrCl2/AgClO4-Mediated Activation of Anomeric Sulfoxides. Journal of Organic Chemistry, 2001, 66, 7910-7914.	1.7	26

#	ARTICLE	IF	CITATIONS
325	Formal Alder-ene reaction of a bicyclo[1.1.0]butane in the synthesis of the tricyclic quaternary ammonium core of daphniglaucins. <i>Tetrahedron Letters</i> , 2008, 49, 5986-5989.	0.7	26
326	Development and Implementation of a High-Throughput High-Content Screening Assay to Identify Inhibitors of Androgen Receptor Nuclear Localization in Castration-Resistant Prostate Cancer Cells. <i>Assay and Drug Development Technologies</i> , 2016, 14, 226-239.	0.6	26
327	Is Cdc25 a Druggable Target?. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2008, 8, 837-842.	0.9	26
328	(Benzylthio)- und (Arylthio)-substituierte Nitril-ylide: Thermische Erzeugung und Reaktionen. <i>Helvetica Chimica Acta</i> , 1988, 71, 1177-1190.	1.0	25
329	3-Amino-2H-azirines in the synthesis of peptides. <i>Tetrahedron</i> , 1989, 45, 2999-3010.	1.0	25
330	Metathesis Reactions of Pyrazolotriazinones Generate Dynamic Combinatorial Libraries. <i>Organic Letters</i> , 2005, 7, 4483-4486.	2.4	25
331	Peptide-Like Molecules (PLMs): A Journey from Peptide Bond Isosteres to Gramicidin S Mimetics and Mitochondrial Targeting Agents. <i>Chimia</i> , 2009, 63, 764-775.	0.3	25
332	Anti-malarial activity of a non-piperidine library of next-generation quinoline methanols. <i>Malaria Journal</i> , 2010, 9, 51.	0.8	25
333	Lipidomics Characterization of Biosynthetic and Remodeling Pathways of Cardiolipins in Genetically and Nutritionally Manipulated Yeast Cells. <i>ACS Chemical Biology</i> , 2017, 12, 265-281.	1.6	25
334	<i>N</i> -Acetyl-L-Cysteine Protects Astrocytes against Proteotoxicity without Recourse to Glutathione. <i>Molecular Pharmacology</i> , 2017, 92, 564-575.	1.0	25
335	Hsp70 Binds to the Androgen Receptor N-terminal Domain and Modulates the Receptor Function in Prostate Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 39-50.	1.9	25
336	Synthesis of Bicyclic Ortho Esters by Epoxy Ester Rearrangements and Study of Their Ring-Opening Reactions. <i>Journal of Organic Chemistry</i> , 2001, 66, 337-343.	1.7	24
337	Enantioselective Synthesis of the AB-Ring System of the Antitumor Antibiotic Tetrazomine. <i>Journal of Organic Chemistry</i> , 2001, 66, 3133-3139.	1.7	24
338	Microwave-assisted synthesis of allylic amines: considerable rate acceleration in the hydrozirconation-transmetalation-aldimine addition sequence. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 443-445.	1.5	24
339	Application of divergent multi-component reactions in the synthesis of a library of peptidomimetics based on $\beta$ -amino- $\alpha$ , $\beta$ -cyclopropyl acids. <i>Tetrahedron</i> , 2005, 61, 11488-11500.	1.0	24
340	Assignment of the absolute configuration of [n]-ladderanes by TD-DFT optical rotation calculations. <i>Chirality</i> , 2005, 17, 507-510.	1.3	24
341	Mitochondrial targeting of radioprotectants using peptidyl conjugates. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 307-309.	1.5	24
342	Complete reversal of Lambert-Eaton myasthenic syndrome synaptic impairment by the combined use of a $K^+$ channel blocker and a $Ca^{2+}$ channel agonist. <i>Journal of Physiology</i> , 2014, 592, 3687-3696.	1.3	24

#	ARTICLE	IF	CITATIONS
343	Mitochondrial targeted Î²-lapachone induces mitochondrial dysfunction and catastrophic vacuolization in cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4828-4833.	1.0	24
344	HCS Campaign to Identify Selective Inhibitors of IL-6-Induced STAT3 Pathway Activation in Head and Neck Cancer Cell Lines. <i>Assay and Drug Development Technologies</i> , 2015, 13, 356-376.	0.6	24
345	Methodology for the enantioselective synthesis of aldols and other 1,3-dioxygenated systems. <i>Journal of Organic Chemistry</i> , 1990, 55, 1423-1424.	1.7	23
346	Thiocarbonyl Ylides. <i>Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs</i> , 2003, , 315-360.	0.0	23
347	Azides. <i>Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs</i> , 2003, , 623-679.	0.0	23
348	Synthesis and hetero-Michael addition reactions of 2-alkynyl oxazoles and oxazolines. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 31.	1.5	23
349	Cellular Analysis of Disorazole C1 and Structure-Activity Relationship of Analogs of the Natural Product. <i>Chemical Biology and Drug Design</i> , 2006, 67, 66-73.	1.5	23
350	Lipophilicity screening of novel drug-like compounds and comparison to clogP. <i>Journal of Chromatography A</i> , 2012, 1258, 161-167.	1.8	23
351	Synthesis and Biological Evaluation of a Selective N- and P/Q-Type Calcium Channel Agonist. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 985-990.	1.3	23
352	Influence of Base and Structure in the Reversible Covalent Conjugate Addition of Thiol to Polycyclic Enone Scaffolds. <i>Organic Letters</i> , 2013, 15, 1076-1079.	2.4	23
353	Synthesis and Structure-Activity Studies of Lissoclinum Peptide Alkaloids. <i>Alkaloids: Chemical and Biological Perspectives</i> , 1998, , 187-228.	0.2	22
354	Dual G1 and G2/M phase inhibition by SC-Î±Î±Î±9, a combinatorially derived Cdc25 phosphatase inhibitor. <i>Oncogene</i> , 1999, 18, 6989-6996.	2.6	22
355	Mesoionic Ring Systems. <i>Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs</i> , 2003, , 681-753.	0.0	22
356	HPLC determinations of enantiomeric ratios. <i>Chirality</i> , 2007, 19, 5-9.	1.3	22
357	Iterative Structure-Based Peptide-Like Inhibitor Design against the Botulinum Neurotoxin Serotype A. <i>PLoS ONE</i> , 2010, 5, e11378.	1.1	22
358	Structure-Activity Relationships of 4-Position Diamine Quinoline Methanols as Intermittent Preventative Treatment (IPT) against <i>Plasmodium falciparum</i> . <i>Journal of Medicinal Chemistry</i> , 2011, 54, 6277-6285.	2.9	22
359	Synthesis of a library of tricyclic azepinoisoindolinones. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 1091-1097.	1.3	22
360	In vitro cytotoxicity, pharmacokinetics, tissue distribution, and metabolism of small-molecule protein kinase D inhibitors, kb-NB142-70 and kb-NB165-09, in mice bearing human cancer xenografts. <i>Cancer Chemotherapy and Pharmacology</i> , 2013, 71, 331-344.	1.1	22

#	ARTICLE	IF	CITATIONS
361	Zirconocene-catalyzed cationic Diels-Alder reactions. <i>Tetrahedron</i> , 1995, 51, 4551-4562.	1.0	21
362	Organozirconocene-mediated polyene synthesis: Preparation of asukamycin and manumycin a side chains. <i>Tetrahedron Letters</i> , 1997, 38, 5073-5076.	0.7	21
363	Total Synthesis of the Spiroketal Naphthoquinone (Â±)-Diepoxin ïf. <i>Journal of Organic Chemistry</i> , 1999, 64, 1092-1093.	1.7	21
364	Synthesis and Ag(I) Complexation Studies of Tethered Westiellamide. <i>Organic Letters</i> , 2006, 8, 2381-2384.	2.4	21
365	Biological evaluation of newly synthesized quinoline-5,8-quinones as Cdc25B inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 6283-6287.	1.4	21
366	Synthesis of Hydroxylated Bicyclic Amino Acids from L-Tyrosine: Octahydro-1H-indole Carboxylates. <i>Journal of Organic Chemistry</i> , 2008, 73, 7807-7810.	1.7	21
367	Dihydropyrimidinones and -thiones with improved activity against human polyomavirus family members. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 5087-5091.	1.0	21
368	The cytotoxic effects of regorafenib in combination with protein kinase D inhibition in human colorectal cancer cells. <i>Oncotarget</i> , 2015, 6, 4745-4756.	0.8	21
369	Small molecule GS-nitroxide ameliorates ionizing irradiation-induced delay in bone wound healing in a novel murine model. <i>In Vivo</i> , 2010, 24, 377-85.	0.6	21
370	An approach toward the total synthesis of cyclotheonamides; preparation of a C(1) to N(14) segment. <i>Tetrahedron Letters</i> , 1992, 33, 4275-4278.	0.7	20
371	Toward the total synthesis of lophotoxin â€” New methodologies and synthetic strategies. <i>Canadian Journal of Chemistry</i> , 2006, 84, 1226-1241.	0.6	20
372	Synthesis of functionalized isoindolinones: Addition of in situ generated organoalanes to acyliminium ions. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 4618-4629.	0.8	20
373	Residue Preference Mapping of Ligand Fragments in the Protein Data Bank. <i>Journal of Chemical Information and Modeling</i> , 2011, 51, 807-815.	2.5	20
374	Discovery of Diverse Small Molecule Chemotypes with Cell-Based PKD1 Inhibitory Activity. <i>PLoS ONE</i> , 2011, 6, e25134.	1.1	20
375	XJB-5-131-mediated improvement in physiology and behaviour of the R6/2 mouse model of Huntington's disease is age- and sex- dependent. <i>PLoS ONE</i> , 2018, 13, e0194580.	1.1	20
376	Carbophile Additionen von Organocupraten mit 1,3-Thiazol-5(4H)-thionen. <i>Helvetica Chimica Acta</i> , 1986, 69, 1837-1843.	1.0	19
377	Separation of Cdc25 dual specificity phosphatase inhibition and DNA cleaving activities in a focused library of analogs of the antitumor antibiotic Dnacin. <i>Tetrahedron</i> , 2002, 58, 6367-6372.	1.0	19
378	Condensation reactions of guanidines with bis-electrophiles: formation of highly nitrogenous heterocycles. <i>Tetrahedron</i> , 2013, 69, 7719-7731.	1.0	19

#	ARTICLE	IF	CITATIONS
379	Inhibition of Androgen Receptor Nuclear Localization and Castration-Resistant Prostate Tumor Growth by Pyrroloimidazole-based Small Molecules. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 2120-2129.	1.9	19
380	Semipinacol-Type Rearrangements of [3-(Arylsulfonyl)bicyclo[1.1.0]butan-1-yl]alkanols. <i>Organic Letters</i> , 2021, 23, 3615-3619.	2.4	19
381	Microwave-Assisted "Libraries from Libraries" Approach toward the Synthesis of Allyl- and C-Cyclopropylalkylamides. <i>ACS Combinatorial Science</i> , 2005, 7, 322-330.	3.3	18
382	Use of transcriptional synergy to augment sensitivity of a splicing reporter assay. <i>Rna</i> , 2006, 12, 925-930.	1.6	18
383	Triple Hybrids of Steroids, Spiroketals, and Oligopeptides as New Biomolecular Chimeras. <i>Organic Letters</i> , 2009, 11, 65-68.	2.4	18
384	Geographic Variability and Anti-Staphylococcal Activity of the Chrysosphaentins and Their Synthetic Fragments. <i>Marine Drugs</i> , 2012, 10, 1103-1125.	2.2	18
385	Natural Product Chemistry and Cancer Drug Discovery. , 2014, , 91-120.		18
386	Straining to react. <i>Nature Chemistry</i> , 2016, 8, 296-297.	6.6	18
387	Indole synthesis by palladium-catalyzed tandem allylic isomerization " furan Diels" Alder reaction. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 7093-7096.	1.5	18
388	Formation of 6-Azaindoles by Intramolecular Diels" Alder Reaction of Oxazoles and Total Synthesis of Marinoquinoline A. <i>Organic Letters</i> , 2020, 22, 2215-2219.	2.4	18
389	Synthesis and chemical diversity analysis of bicyclo[3.3.1]non-3-en-2-ones. <i>Tetrahedron</i> , 2010, 66, 5852-5862.	1.0	17
390	A screen for modulators of large T antigen's ATPase activity uncovers novel inhibitors of Simian Virus 40 and BK virus replication. <i>Antiviral Research</i> , 2012, 96, 70-81.	1.9	17
391	Imidazolium compounds are active against all stages of <i>Trypanosoma cruzi</i> . <i>International Journal of Antimicrobial Agents</i> , 2014, 43, 262-268.	1.1	17
392	Antioxidant Approaches to Management of Ionizing Irradiation Injury. <i>Antioxidants</i> , 2015, 4, 82-101.	2.2	17
393	The GS-nitroxide JP4-039 improves intestinal barrier and stem cell recovery in irradiated mice. <i>Scientific Reports</i> , 2018, 8, 2072.	1.6	17
394	Amelioration of Head and Neck Radiation-Induced Mucositis and Distant Marrow Suppression in Fancg" and Fancg" Mice by Intraoral Administration of GS-Nitroxide (JP4-039). <i>Radiation Research</i> , 2018, 189, 560.	0.7	17
395	Optimization of Phenyl Indole Inhibitors of the AAA+ ATPase p97. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 1075-1081.	1.3	17
396	Synthesis and evaluation of esterified Hsp70 agonists in cellular models of protein aggregation and folding. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 79-91.	1.4	17

#	ARTICLE	IF	CITATIONS
397	Second-generation Probiotics Producing IL-22 Increase Survival of Mice After Total Body Irradiation. <i>In Vivo</i> , 2020, 34, 39-50.	0.6	17
398	Chemical modulation of Kv7 potassium channels. <i>RSC Medicinal Chemistry</i> , 2021, 12, 483-537.	1.7	17
399	Synthesis of chemoreversible prodrugs of ARA-C. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1991, 1, 745-750.	1.0	16
400	Chiral Action at a Distance: Remote Substituent Effects on the Optical Activity of Calyculins A and B. <i>Organic Letters</i> , 2000, 2, 1509-1512.	2.4	16
401	Carbonyl Ylides. <i>Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs</i> , 2003, 253-314.	0.0	16
402	Synthesis and biological activity of prodrug inhibitors of the thioredoxin/thioredoxin reductase system. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 3880.	1.5	16
403	Pharmacophore Refinement Guides the Design of Nanomolar-Range Botulinum Neurotoxin Serotype A Light Chain Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2010, 1, 301-305.	1.3	16
404	Cycloadditions in heterocycle and alkaloid synthesis. <i>Pure and Applied Chemistry</i> , 2013, 85, 1079-1087.	0.9	16
405	Synthesis of Phosphaguanidines by Hydrophosphination of Carbodiimides with Phosphine Boranes. <i>Journal of Organic Chemistry</i> , 2014, 79, 9878-9887.	1.7	16
406	Cascade cyclization triggered by imine formation. Formal synthesis of the alkaloid (±)-stemoamide and its 9a-epimer. <i>Tetrahedron Letters</i> , 2015, 56, 6664-6668.	0.7	16
407	Heat shock protein responses to aging and proteotoxicity in the olfactory bulb. <i>Journal of Neurochemistry</i> , 2015, 133, 780-794.	2.1	16
408	Small Molecule Antagonists of the Nuclear Androgen Receptor for the Treatment of Castration-Resistant Prostate Cancer. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 785-790.	1.3	16
409	Synthesis and Evaluation of a Mitochondria-Targeting Poly(ADP-ribose) Polymerase-1 Inhibitor. <i>ACS Chemical Biology</i> , 2018, 13, 2868-2879.	1.6	16
410	Genetic re-engineering of polyunsaturated phospholipid profile of <i>Saccharomyces cerevisiae</i> identifies a novel role for Cld1 in mitigating the effects of cardiolipin peroxidation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 1354-1368.	1.2	16
411	Compensation of select proteostasis networks after Hsp70 inhibition in cancer. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	16
412	Synthesis and Optimization of K <sub>v</sub> 7 (KCNQ) Potassium Channel Agonists: The Role of Fluorines in Potency and Selectivity. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 929-935.	1.3	16
413	Hsp70 and the Unfolded Protein Response as a Challenging Drug Target and an Inspiration for Probe Molecule Development. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 232-236.	1.3	16
414	Biosynthesis, total synthesis, and biological profiles of Ergot alkaloids. <i>The Alkaloids Chemistry and Biology</i> , 2021, 85, 1-112.	0.8	16



#	ARTICLE	IF	CITATIONS
415	A Targeted Library Screen Reveals a New Inhibitor Scaffold for Protein Kinase D. <i>PLoS ONE</i> , 2012, 7, e44653.	1.1	16
416	Effects of Ferroptosis on the Metabolome in Cardiac Cells: The Role of Glutaminolysis. <i>Antioxidants</i> , 2022, 11, 278.	2.2	16
417	Nitrile Ylides and Nitrile Imines. <i>Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs</i> , 2003, , 473-537.	0.0	15
418	Post-translational import of protein into the endoplasmic reticulum of a trypanosome: an <i>in vitro</i> system for discovery of anti-trypanosomal chemical entities. <i>Biochemical Journal</i> , 2009, 419, 507-517.	1.7	15
419	Hydrophosphination of Propargylic Alcohols and Amines with Phosphine Boranes. <i>Organic Letters</i> , 2013, 15, 1132-1135.	2.4	15
420	Investigational inhibitors of PTP4A3 phosphatase as antineoplastic agents. <i>Expert Opinion on Investigational Drugs</i> , 2014, 23, 661-673.	1.9	15
421	2-Guanidinoquinazolines as new inhibitors of the STAT3 pathway. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 5081-5085.	1.0	15
422	Exploring the structure-activity relationships of ABCC2 modulators using a screening approach. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 3513-3525.	1.4	15
423	Heat shock protein defenses in the neocortex and allocortex of the telencephalon. <i>Neurobiology of Aging</i> , 2015, 36, 1924-1937.	1.5	15
424	Inhibition of Androgen Receptor Function and Level in Castration-Resistant Prostate Cancer Cells by 2-[(isoxazol-4-ylmethyl)thio]-1-(4-phenylpiperazin-1-yl)ethanone. <i>Endocrinology</i> , 2017, 158, 3152-3161.	1.4	15
425	Structure-based virtual screening identifies a small-molecule inhibitor of the profilin-actin interaction. <i>Journal of Biological Chemistry</i> , 2018, 293, 2606-2616.	1.6	15
426	Targeting p75 neurotrophin receptors ameliorates spinal cord injury-induced detrusor sphincter dyssynergia in mice. <i>Neurourology and Urodynamics</i> , 2018, 37, 2452-2461.	0.8	15
427	PTPRT epigenetic silencing defines lung cancer with STAT3 activation and can direct STAT3 targeted therapies. <i>Epigenetics</i> , 2020, 15, 604-617.	1.3	15
428	Endothelial Iron Homeostasis Regulates Blood-Brain Barrier Integrity via the HIF2 $\alpha$ -V $\alpha$ -Cadherin Pathway. <i>Pharmaceutics</i> , 2021, 13, 311.	2.0	15
429	Effectiveness of Analogs of the GS-Nitroxide, JP4-039, as Total Body Irradiation Mitigators. <i>In Vivo</i> , 2017, 31, 39-44.	0.6	15
430	Screening of antimicrobial agents for <i>in vitro</i> radiation protection and mitigation capacity, including those used in supportive care regimens for bone marrow transplant recipients. <i>In Vivo</i> , 2010, 24, 9-19.	0.6	15
431	Pharmacology and antitumor activity of a quinolinedione Cdc25 phosphatase inhibitor DA3003-1 (NSC) Tj ETQq1 1.0,784314 rgBT /Ove	0.5	15
432	Radikalische Cyclisierungen von Alkenyl-substituierten 4,5-Dihydro-1,3-thiazol-5-thiolen. <i>Helvetica Chimica Acta</i> , 1989, 72, 838-846.	1.0	14

#	ARTICLE	IF	CITATIONS
433	Stereochemistry of Oxachlorocarbene S <sub>N</sub> i Reactions. <i>Organic Letters</i> , 2005, 7, 1371-1374.	2.4	14
434	Regioselective Palladium-Catalyzed Cross-Coupling Reactions of 2,4,7-Trichloroquinazoline. <i>Synlett</i> , 2010, 2010, 644-648.	1.0	14
435	Synthesis and Ring-Chain-Ring Tautomerism of Bisoxazolidines, Thiazolidinyloxazolidines, and Spirothiazolidines. <i>Journal of Organic Chemistry</i> , 2011, 76, 5738-5746.	1.7	14
436	The combination of thioxodihydroquinazolinones and platinum drugs reverses platinum resistance in tumor cells by inducing mitochondrial apoptosis independent of Bax and Bak. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 856-863.	1.0	14
437	Lambert-Éaton myasthenic syndrome: mouse passive-transfer model illuminates disease pathology and facilitates testing therapeutic leads. <i>Annals of the New York Academy of Sciences</i> , 2018, 1412, 73-81.	1.8	14
438	Asymmetric Total Synthesis and Biological Evaluation of (+)-Cycloclavine. <i>Synthesis</i> , 2019, 51, 213-224.	1.2	14
439	A Novel Small Molecule Targets Androgen Receptor and Its Splice Variants in Castration-Resistant Prostate Cancer. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 75-88.	1.9	14
440	Affinity Capture of p97 with Small-Molecule Ligand Bait Reveals a 3.6 Å... Double-Hexamer Cryoelectron Microscopy Structure. <i>ACS Nano</i> , 2021, 15, 8376-8385.	7.3	14
441	Small Molecule Regulation of Phosphatase-Dependent Cell Signaling Pathways. <i>Oncology Research</i> , 2003, 13, 347-352.	0.6	13
442	Synthesis and Biological Activity of a Focused Library of Mitogen-activated Protein Kinase Phosphatase Inhibitors. <i>Chemical Biology and Drug Design</i> , 2007, 69, 23-30.	1.5	13
443	Chiral ligand optimization in the asymmetric zirconium-zinc transmetalation aldehyde addition reaction. <i>Chirality</i> , 2008, 20, 425-430.	1.3	13
444	Exploring the Optical Activity Tensor by Anisotropic Rayleigh Optical Activity Scattering. <i>ChemPhysChem</i> , 2008, 9, 265-271.	1.0	13
445	A Bifunctional Dimethylsulfoxide Substitute Enhances the Aqueous Solubility of Small Organic Molecules. <i>Assay and Drug Development Technologies</i> , 2012, 10, 269-277.	0.6	13
446	Evaluation of potential ionizing irradiation protectors and mitigators using clonogenic survival of human umbilical cord blood hematopoietic progenitor cells. <i>Experimental Hematology</i> , 2013, 41, 957-966.	0.2	13
447	Pharmacologic Profiling of Phosphoinositide 3-Kinase Inhibitors as Mitigators of Ionizing Radiation-Induced Cell Death. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013, 347, 669-680.	1.3	13
448	A Five-Component Biginelli-Diels-Alder Cascade Reaction. <i>Frontiers in Chemistry</i> , 2018, 6, 376.	1.8	13
449	In-flow photooxygenation of aminothienopyridinones generates iminopyridinedione PTP4A3 phosphatase inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2448-2466.	1.5	13
450	Grob-Type Fragmentation Releases Paracyclophane Ring Strain in a Late-Stage Precursor of Haouamine A. <i>Organic Letters</i> , 2019, 21, 1538-1541.	2.4	13

#	ARTICLE	IF	CITATIONS
451	Mitochondria are a substrate of cellular memory. <i>Free Radical Biology and Medicine</i> , 2019, 130, 528-541.	1.3	13
452	Direct involvement of Hsp70 ATP hydrolysis in Ubr1-dependent quality control. <i>Molecular Biology of the Cell</i> , 2020, 31, 2669-2686.	0.9	13
453	From natural products to biological tools. <i>Pure and Applied Chemistry</i> , 2007, 79, 753-761.	0.9	13
454	Bis-cyclopropane analog of disorazole C1 is a microtubule-destabilizing agent active in abcb1-overexpressing human colon cancer cells. <i>Oncotarget</i> , 2015, 6, 40866-40879.	0.8	13
455	New calcium channel agonists as potential therapeutics in Lambert-Éaton myasthenic syndrome and other neuromuscular diseases. <i>Annals of the New York Academy of Sciences</i> , 2012, 1275, 85-91.	1.8	12
456	A chemical genetics approach identifies PTP4A3 as a regulator of colon cancer cell adhesion. <i>FASEB Journal</i> , 2018, 32, 5661-5673.	0.2	12
457	Tapping the therapeutic potential of protein tyrosine phosphatase 4A with small molecule inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 2008-2015.	1.0	12
458	Binding Site Interactions of Modulators of Breast Cancer Resistance Protein, Multidrug Resistance-Associated Protein 2, and P-Glycoprotein Activity. <i>Molecular Pharmaceutics</i> , 2020, 17, 2398-2410.	2.3	12
459	Unique integrated stress response sensors regulate cancer cell susceptibility when Hsp70 activity is compromised. <i>ELife</i> , 2021, 10, .	2.8	12
460	New antiestrogens from a library screen of homoallylic amides, allylic amides, and C-cyclopropylalkylamides. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 157-164.	1.4	11
461	Synthesis of pyrrolo[1,3]diazepines by a dipolar cycloaddition-“retro-Mannich domino reaction. <i>Tetrahedron Letters</i> , 2009, 50, 6810-6813.	0.7	11
462	Mitotic slippage in non-cancer cells induced by a microtubule disruptor, disorazole C1. <i>BMC Chemical Biology</i> , 2010, 10, 1.	1.6	11
463	A threonine turnstile defines a dynamic amphiphilic binding motif in the AAA ATPase p97 allosteric binding site. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4096-4114.	1.5	11
464	New Cav2 calcium channel gating modifiers with agonist activity and therapeutic potential to treat neuromuscular disease. <i>Neuropharmacology</i> , 2018, 131, 176-189.	2.0	11
465	Next-Generation Cell-Active Inhibitors of the Undrugged Oncogenic PTP4A3 Phosphatase. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 371, 652-662.	1.3	11
466	Carbamoyl Anion Addition to Azirines. <i>Organic Letters</i> , 2021, 23, 4396-4399.	2.4	11
467	Amelioration of radiation esophagitis by orally administered p53/Mdm2/Mdm4 inhibitor (BEB55) or GS-nitroxide. <i>In Vivo</i> , 2011, 25, 841-8.	0.6	11
468	Effects of thoracic irradiation on pulmonary endothelial compared to alveolar type-II cells in fibrosis-prone C57BL/6NTac mice. <i>In Vivo</i> , 2013, 27, 291-7.	0.6	11

#	ARTICLE	IF	CITATIONS
469	Phosphatases as targets for cancer treatment. <i>Current Opinion in Investigational Drugs</i> , 2009, 10, 1297-304.	2.3	11
470	Solubilized zirconocene dihydride as a promotor of alkene coupling reactions. <i>Tetrahedron Letters</i> , 2000, 41, 8237-8241.	0.7	10
471	Nitronates. <i>Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs</i> , 2003, , 83-167.	0.0	10
472	Î€-Allyl palladium approach toward the diazabicyclo[3.2.1]octane core of the naphthyridinomycin alkaloids. <i>Tetrahedron</i> , 2006, 62, 10507-10517.	1.0	10
473	Synthesis and Biological Evaluation of Inhibitors of Botulinum Neurotoxin Metalloprotease. <i>Heterocycles</i> , 2009, 79, 487.	0.4	10
474	A Case Study from the Chemistry Core of the Pittsburgh Molecular Library Screening Center: The Polo-like Kinase Polo-Box Domain (Plk1- PBD). <i>Current Topics in Medicinal Chemistry</i> , 2009, 9, 1194-1205.	1.0	10
475	An ESR analysis of the mechanism of pericyclic reactions of bicyclobutane. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2363.	1.5	10
476	Homoallylic amines by reductive inter- and intramolecular coupling of allenes and nitriles. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 824-830.	1.3	10
477	Synthesis of Heterocyclic Triads by Pd-Catalyzed Cross-Couplings and Evaluation of Their Cell-Specific Toxicity Profile. <i>Organic Letters</i> , 2014, 16, 2034-2037.	2.4	10
478	Synthesis and structureâ€“activity relationships of small molecule inhibitors of the simian virus 40 T antigen oncoprotein, an anti-polyomaviral target. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 6490-6502.	1.4	10
479	Mechanism of action of selective inhibitors of IL-6 induced STAT3 pathway in head and neck cancer cell lines. <i>Journal of Chemical Biology</i> , 2017, 10, 129-141.	2.2	10
480	A novel androgen receptor antagonist JÎ€450 inhibits enzalutamideâ€“resistant mutant AR F876L nuclear import and function. <i>Prostate</i> , 2020, 80, 319-328.	1.2	10
481	Continuous One Year Oral Administration of the Radiation Mitigator, MMS350, after Total-Body Irradiation, Restores Bone Marrow Stromal Cell Proliferative Capacity and Reduces Senescence in Fanconi Anemia (Fanca-/-) Mice. <i>Radiation Research</i> , 2018, 191, 139.	0.7	10
482	The antesignaling agent SC-alpha alpha delta 9, 4-(benzyl-(2-[(2,5-diphenyloxazole-4-carbonyl)amino]ethyl)carbamoyl)- 2-decanoylaminobutyric acid, is a structurally unique phospholipid analogue with phospholipase C inhibitory activity. <i>Molecular Cancer Therapeutics</i> , 2002, 1, 885-92.	1.9	10
483	Bildung tricyclischer Thietan-Derivate durch intramolekulare(2+2)-Cycloaddition. <i>Helvetica Chimica Acta</i> , 1987, 70, 992-994.	1.0	9
484	Synthese von 4-Benzylthio- und 4-(Arylthio)-1,3-oxazol-5(2H)-onen. <i>Helvetica Chimica Acta</i> , 1987, 70, 1380-1388.	1.0	9
485	Synthesis and Reactions of Oxazoles. , 0, , 1-390.		9
486	Oxidative Spiroacetalizations and Spirolactonizations of Arenes. <i>Synthesis</i> , 2004, 2004, 2767-2783.	1.2	9

#	ARTICLE	IF	CITATIONS
487	A Screening Method for Chiral Selectors that Does Not Require Covalent Attachment. <i>Journal of the American Chemical Society</i> , 2006, 128, 2208-2209.	6.6	9
488	Studies toward a Library of Tetrahydrofurans: Click and MCR Products of Mono- And Bis-Tetrahydrofurans. <i>ACS Combinatorial Science</i> , 2010, 12, 609-612.	3.3	9
489	Identifying a Resistance Determinant for the Antimitotic Natural Products Disorazole C <sub>1</sub> and A <sub>1</sub> . <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 332, 906-911.	1.3	9
490	Linear and Nonlinear Support Vector Machine for the Classification of Human 5-HT <sub>1A</sub> Ligand Functionality. <i>Molecular Informatics</i> , 2012, 31, 85-95.	1.4	9
491	Memory of chirality in rebound cyclizations of $\hat{\pm}$ -amide radicals. <i>Canadian Journal of Chemistry</i> , 2013, 91, 1-5.	0.6	9
492	Can Radiosensitivity Associated with Defects in DNA Repair be Overcome by Mitochondrial-Targeted Antioxidant Radioprotectors. <i>Frontiers in Oncology</i> , 2014, 4, 24.	1.3	9
493	Allosteric Modulation of Phosphatase Activity May Redefine Therapeutic Value. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 7771-7772.	2.9	9
494	Structural Basis of Polyketide Synthase <i>O</i> -Methylation. <i>ACS Chemical Biology</i> , 2018, 13, 3221-3228.	1.6	9
495	A High-Content Screen Reveals New Small-Molecule Enhancers of Ras/Mapk Signaling as Probes for Zebrafish Heart Development. <i>Molecules</i> , 2018, 23, 1691.	1.7	9
496	Bone Marrow Small Molecule Radioprotectors. <i>Blood</i> , 2007, 110, 4096-4096.	0.6	9
497	Esophageal radioprotection by swallowed JP4-039/F15 in thoracic-irradiated mice with transgenic lung tumors. <i>In Vivo</i> , 2014, 28, 435-40.	0.6	9
498	Improved hematopoiesis in GS-nitroxide (JP4-039)-treated mouse long-term bone marrow cultures and radioresistance of derived bone marrow stromal cell lines. <i>In Vivo</i> , 2014, 28, 699-708.	0.6	9
499	Synthesis and biological evaluation of a targeted library of protein phosphatase inhibitors. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 58-70.		8
500	New Opportunities for Pregnane X Receptor (PXR) Targeting in Drug Development. Lessons from Enantio- and Species-Specific PXR Ligands Identified from A Discovery Library of Amino Acid Analogues. <i>Mini-Reviews in Medicinal Chemistry</i> , 2007, 7, 617-625.	1.1	8
501	Diversity-Oriented Synthesis of a Library of Substituted Tetrahydropyrones Using Oxidative Carbon-Hydrogen Bond Activation and Click Chemistry. <i>Molecules</i> , 2011, 16, 3648-3662.	1.7	8
502	[2,3]-Sigmatropic Rearrangements of 2-Phosphineborane 2-Propen-1-ols: Rapid Access to Enantioenriched Diphosphine Monoxide Derivatives. <i>Organic Letters</i> , 2013, 15, 1136-1139.	2.4	8
503	Evaluation of Different Formulations and Routes for the Delivery of the Ionizing Radiation Mitigator GS-Nitroxide (JP4-039). <i>In Vivo</i> , 2018, 32, 1009-1023.	0.6	8
504	2,2,6,6-Tetramethylpiperidin-1-yloxy carbonyl: A Protecting Group for Primary, Secondary, and Heterocyclic Amines. <i>Organic Letters</i> , 2018, 20, 6760-6764.	2.4	8

#	ARTICLE	IF	CITATIONS
505	Reevaluation of the Palladium/Carbon-Catalyzed Decarbonylation of Aliphatic Aldehydes. <i>Synlett</i> , 2018, 29, 1781-1785.	1.0	8
506	Delivery of a mitochondria-targeted antioxidant from biocompatible, polymeric nanofibrous scaffolds. <i>FEBS Open Bio</i> , 2021, 11, 35-47.	1.0	8
507	Synthesis and Evaluation of Anthelmintic and Cytotoxic Properties of [2,5]Bis-1,3-Azole Analogs of Benzazoles. <i>Letters in Drug Design and Discovery</i> , 2009, 6, 413-419.	0.4	8
508	Use of Deoxy-Fluor for Double Cyclization to Bis-thiazolines. Limitations of This Agent for the Synthesis of Oxazolines. <i>Heterocycles</i> , 2004, 63, 773.	0.4	8
509	Weitreichende elektrostatische Effekte in der Synthese: dipolkontrollierte nucleophile Addition an ein Naphthochinonacetal – Modelluntersuchungen zur Darstellung von Diepoxin 1f. <i>Angewandte Chemie</i> , 1997, 109, 785-788.	1.6	7
510	Investigation of ligand loading and asymmetric amplification in CHAOx-catalyzed asymmetric diethylzinc additions. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 3605-3611.	1.8	7
511	Asymmetric Reactions. <i>Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs</i> , 2003, , 817-899.	0.0	7
512	Mesoionic Oxazoles. , 0, , 473-576.		7
513	Endo Entry to the Nortricyclic Nornorbornenyl Cation System: Stereochemistry in the Fragmentation of endo-5-Norbornenyl-2-oxychlorocarbene. <i>Journal of Organic Chemistry</i> , 2005, 70, 8454-8460.	1.7	7
514	Synthesis of 1,2,4-triazines and the triazinoisoquinolinedione DEF ring system of noelaquinone. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5811.	1.5	7
515	The impact of ionizing radiation on placental trophoblasts. <i>Placenta</i> , 2014, 35, 85-91.	0.7	7
516	A structure-activity relationship study of ABCC2 inhibitors. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 103, 60-69.	1.9	7
517	Eight-Step Enantioselective Total Synthesis of (S)-Cycloclavine. <i>Angewandte Chemie</i> , 2017, 129, 330-333.	1.6	7
518	Liquid chromatography-tandem mass spectrometric assay for the quantitation of the novel radiation protective agent and radiation mitigator JP4-039 in murine plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 150, 169-175.	1.4	7
519	Specific RITA Modification Produces Hyperselective Cytotoxicity While Maintaining <i>In Vivo</i> Antitumor Efficacy. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 1765-1774.	1.9	7
520	Structure of the Complex of an Iminopyridinedione Protein Tyrosine Phosphatase 4A3 Phosphatase Inhibitor with Human Serum Albumin. <i>Molecular Pharmacology</i> , 2020, 98, 648-657.	1.0	7
521	Arsenic Stimulates Myoblast Mitochondrial Epidermal Growth Factor Receptor to Impair Myogenesis. <i>Toxicological Sciences</i> , 2020, 176, 162-174.	1.4	7
522	Synthesis and Selective Functionalization of Thiadiazine 1,1-Dioxides with Efficacy in a Model of Huntington's Disease. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 984-990.	1.3	7

#	ARTICLE	IF	CITATIONS
523	The mitochondrial-targeted reactive species scavenger JP4-039 prevents sulfite-induced alterations in antioxidant defenses, energy transfer, and cell death signaling in striatum of rats. <i>Journal of Inherited Metabolic Disease</i> , 2021, 44, 481-491.	1.7	7
524	Recent syntheses and biological profiling of quassinoids. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 3870-3889.	1.5	7
525	Development of an automated screen for Kv7.2 potassium channels and discovery of a new agonist chemotype. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 71, 128841.	1.0	7
526	Synthesis of Functionalized Oxazolines and Oxazoles with DAST and Deoxo-Fluor. <i>Organic Letters</i> , 2002, 4, 4743-4743.	2.4	6
527	A Focused Library of Tetrahydropyrimidinone Amides via a Tandem Biginelli-Ugi Multi-Component Process. <i>Synlett</i> , 2006, 2006, 2334-2338.	1.0	6
528	Tubulin-Perturbing Naphthoquinone Spiroketales. <i>Chemical Biology and Drug Design</i> , 2008, 71, 117-124.	1.5	6
529	The Effect of Structure and Mechanism of the Hsp70 Chaperone on the Ability to Identify Chemical Modulators and Therapeutics. <i>Topics in Medicinal Chemistry</i> , 2015, , 81-129.	0.4	6
530	Discovery and Characterization of a Biologically Active Non-ATP-Competitive p38 MAP Kinase Inhibitor. <i>Journal of Biomolecular Screening</i> , 2016, 21, 277-289.	2.6	6
531	A New Synthesis of Gefitinib. <i>Synlett</i> , 2019, 30, 471-476.	1.0	6
532	3D-printed cartridge system for in-flow photo-oxygenation of 7-aminothienopyridinones. <i>Tetrahedron</i> , 2021, 79, 131875.	1.0	6
533	Transient Delivery of a KCNQ2/3-Specific Channel Activator 1 Week After Noise Trauma Mitigates Noise-Induced Tinnitus. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2021, 22, 127-139.	0.9	6
534	Improved correction of F508del-CFTR biogenesis with a folding facilitator and an inhibitor of protein ubiquitination. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 48, 128243.	1.0	6
535	Induction of Cdc25B expression by epidermal growth factor and transforming growth factor- $\beta$ . <i>Biochemical Pharmacology</i> , 2004, 68, 2221-2227.	2.0	5
536	The fragmentation of exo-5-norbornenyl-2-oxychlorocarbene: stereochemistry and mechanism. <i>Tetrahedron Letters</i> , 2005, 46, 4265-4268.	0.7	5
537	Biphenyl C-cyclopropylalkylamides: New scaffolds for targeting estrogen receptor $\beta$ . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 2404-2408.	1.0	5
538	A New Synthesis of 4,5,6,7-Tetrahydropyrazolo[1,5-c]pyrimidines by a Retro-Mannich Cascade Rearrangement. <i>Australian Journal of Chemistry</i> , 2014, 67, 420.	0.5	5
539	Fanconi Anemia Mouse Genotype-specific Mitigation of Total Body Irradiation by GS-Nitroxide JP4-039. <i>In Vivo</i> , 2020, 34, 33-38.	0.6	5
540	One-Pot Two-Step Synthesis of Isochromene-Fused CF 3-Substituted Pyrazoles. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 5616-5619.	1.2	5

#	ARTICLE	IF	CITATIONS
541	Credentialing and Pharmacologically Targeting PTP4A3 Phosphatase as a Molecular Target for Ovarian Cancer. <i>Biomolecules</i> , 2021, 11, 969.	1.8	5
542	Heat Shock Protein 70 as a Sex-Skewed Regulator of $\alpha$ -Synucleinopathy. <i>Neurotherapeutics</i> , 2021, 18, 2541-2564.	2.1	5
543	Induction of TGF- $\beta$ 2 by Irradiation or Chemotherapy in Fanconi Anemia (FA) Mouse Bone Marrow $\alpha$ 2M $\beta$ Modulated by Small Molecule Radiation Mitigators JP4-039 and MMS350. <i>In Vivo</i> , 2017, 31, 159-168.	0.6	5
544	Effect of External Reagents. <i>Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs</i> , 2003, , 755-815.	0.0	4
545	Oxazole Diels-Alder Reactions. , 0, , 417-472.		4
546	Synthesis and Properties of 1,2,3-Selenadiazoles. <i>Chemistry of Heterocyclic Compounds (New York,)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.0	4
547	1,2,3-Thiadiazoles in Medicine and Agriculture. <i>Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs</i> , 2004, , 229-238.	0.0	4
548	Combination of a thioxodihydroquinazolinone with cisplatin eliminates ovarian cancer stem cell-like cells (CSC-LCs) and shows preclinical potential. <i>Oncotarget</i> , 2018, 9, 6042-6054.	0.8	4
549	Co(II)-salen catalyzed stereoselective cyclopropanation of fluorinated styrenes. <i>Chirality</i> , 2019, 31, 1014-1027.	1.3	4
550	Amelioration of Amyotrophic Lateral Sclerosis in SOD1 <sup>G93A</sup> Mice by M <sub>2</sub> Microglia from Transplanted Marrow. <i>In Vivo</i> , 2019, 33, 675-688.	0.6	4
551	Insights image for $\alpha$ -The human milk oligosaccharides 2 $\alpha$ -fucosyllactose and 6 $\alpha$ -sialyllactose protect against the development of necrotizing enterocolitis by inhibiting toll-like receptor 4 signaling. <i>Pediatric Research</i> , 2021, 89, 248-248.	1.1	4
552	Effects of the bifunctional sulfoxide MMS350, a radiation mitigator, on hematopoiesis in long-term bone marrow cultures and on radioresistance of marrow stromal cell lines. <i>In Vivo</i> , 2014, 28, 457-65.	0.6	4
553	Synthesis of sp <sup>3</sup> -rich chiral bicyclo[3.3.1]nonanes for chemical space expansion and study of biological activities. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 54, 116561.	1.4	4
554	Stereoselective synthesis of the functionalized spirocyclic core of aranorosin. [Erratum to document cited in CA118(21):212724u]. <i>Journal of Organic Chemistry</i> , 1993, 58, 4774-4774.	1.7	3
555	Optical Activity: From Structure-Function to Structure Prediction. <i>ACS Symposium Series</i> , 2002, , 104-118.	0.5	3
556	One-Pot Synthesis of $\beta$ -Hydroxy-1,3-Dienes Via Allyltriphenylphosphonium Isomerization Under Mild Conditions(SUPPLEMENTARY MATERIAL). <i>Letters in Organic Chemistry</i> , 2006, 3, 309-312.	0.2	3
557	Amelioration of Mucositis in Proton Therapy of Fanconi Anemia Fanca <sup>+/+</sup> Mice by JP4-039. <i>In Vivo</i> , 2019, 33, 1757-1766.	0.6	3
558	Oxetanyl Sulfoxide MMS-350 Ameliorates Pulmonary Fibrosis <i>In Vitro</i> , <i>In Vivo</i> , and <i>Ex Vivo</i> . <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 2312-2317.	1.3	3



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559	Synthesis and evaluation of bifunctional PTP4A3 phosphatase inhibitors activating the ER stress pathway. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 46, 128167.	1.0	3
560	Intramolecular Diels-Alder Reactions of Oxazoles, Imidazoles, and Thiazoles. <i>Synthesis</i> , 2021, 53, 1181-1199.	1.2	3
561	(+)-JJ-74138 is a Novel Noncompetitive Androgen Receptor Antagonist. <i>Molecular Cancer Therapeutics</i> , 2022, 21, 483-492.	1.9	3
562	Combined injury: irradiation with skin or bone wounds in rodent models. <i>Journal of Radiological Protection</i> , 2021, 41, S561-S577.	0.6	2
563	Abstract 3340: Intraoral administration of mitochondrial targeted GS-nitroxide (JP4-039) radioprotects the oral mucosa but not orthotopic tumors in <i>Fancd2</i> <sup>-/-</sup> mice. , 2015, , .		2
564	Combination Mitigators, GS-Nitroxide JP4-039 and water Soluble Oxetanyl Sulfoxide MMS350 Improve Survival of Lethally Irradiated Mice. <i>Blood</i> , 2014, 124, 2751-2751.	0.6	2
565	Targeting neurotrophin and nitric oxide signaling to treat spinal cord injury and associated neurogenic bladder overactivity. , 2022, 1, 100014.		2
566	Enantioselective synthesis and selective functionalization of 4-aminotetrahydroquinolines as novel GLP-1 secretagogues. <i>Chirality</i> , 2022, 34, 521-536.	1.3	2
567	Stereoselective synthesis of $\beta$ -fluorinated isoleucines exploiting consecutive C(sp <sup>3</sup> )-H bond activations. <i>Tetrahedron</i> , 2022, 120, 132876.	1.0	2
568	Primary Syntheses. <i>Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs</i> , 2004, , 1-92.	0.0	1
569	Halogenophthalazines (H 178; E 514). <i>Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs</i> , 2005, , 203-234.	0.0	1
570	Primary Syntheses of Phthalazines. <i>Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs</i> , 2005, , 109-171.	0.0	1
571	Diversity-Oriented Synthesis of Peptidomimetics: How and Why. <i>Diversity Oriented Synthesis</i> , 2012, 1, .	0.2	1
572	Effective Topical Delivery of Radiomitigator GS-Nitroxide (JP4-039) by Microneedle Arrays. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, E541-E542.	0.4	1
573	Small Molecule GS-Nitroxide Radiation Mitigator JP4-039/F14 Is Safe and Effective in Pregnant E13.5 Mice. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, E568.	0.4	1
574	ACS Medicinal Chemistry Letters: Technology Notes. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 1-2.	1.3	1
575	Medicinal Chemistry: From Targets to Therapies. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 1014-1014.	1.3	1
576	A Mitochondrially Targeted Nitroxide JP4-039 Protects and Mitigates against Total Body Irradiation Induced Hematopoietic Syndrome. <i>Blood</i> , 2008, 112, 4721-4721.	0.6	1

#	ARTICLE	IF	CITATIONS
577	Mitigation of Irradiation Induced Potentially Lethal Damage (PLD) in Hematopoietic Cells by Mitochondrial Localized GS-Nitroxide, JP4-039. Blood, 2008, 112, 4725-4725.	0.6	1
578	Synthesis and Optimization of Nitroxide-Based Inhibitors of Ferroptotic Cell Death in Cancer Cells and Macrophages. ACS Medicinal Chemistry Letters, 2022, 13, 403-408.	1.3	1
579	Transition Metals in the Synthesis of Complex Organic Molecules, 2nd Edition (Hegedus, L. S.). Journal of Chemical Education, 2000, 77, 447.	1.1	0
580	Dimethylzinc-Mediated Additions of Alkenylzirconocenes to Aldimines. New Methodologies for Allylic Amine and C-Cyclopropylalkylamine Syntheses.. ChemInform, 2003, 34, no.	0.1	0
581	Thiopyrazines (H 196). Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2003, , 245-257.	0.0	0
582	Nitro-, Amino-, and Related Pyrazines (H 265). Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2003, , 259-298.	0.0	0
583	Pyrazine, Alkylpyrazines, and Arylpyrazines (H 68, 344). Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2003, , 349-460.	0.0	0
584	Spectroscopic Properties of Oxazoles. , 0, , 391-415.		0
585	Oxypyrazines (H 156, 363). Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2003, , 191-244.	0.0	0
586	Primary Syntheses from Other Heterocyclic Systems. Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2003, , 1-45.	0.0	0
587	Appendix: Table of Simple Pyrazines. Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2003, , 349-460.	0.0	0
588	Halogenopyrazines (H 95). Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2003, , 137-190.	0.0	0
589	Primary Syntheses from Aliphatic or Carbocyclic Synthons. Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2003, , 1-45.	0.0	0
590	Pyrazinecarboxylic Acids and Related Derivatives (H 247). Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2003, , 317-357.	0.0	0
591	Structure of 1,2,3-Thiadiazoles. Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2004, , 93-112.	0.0	0
592	Quinoxalinecarboxylic Acids and Related Derivatives (H 246, 250; E 123, 130, 137). Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2004, , 317-357.	0.0	0
593	Nitro-, Amino-, and Related Quinoxalines (H 263, E 179). Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2004, , 241-253.	0.0	0
594	Thioquinoxalines (E 112). Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2004, , 241-253.	0.0	0

#	ARTICLE	IF	CITATIONS
595	Oxyquinoxalines (H 235, 270; E 78, 199). Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2004, , 189-239.	0.0	0
596	Transition-Metal-Mediated Cascade Reactions: C,C-Dicyclopropylmethylamines by Way of Double C,C- $\beta$ -Bond Insertion into Bicyclobutanes.. ChemInform, 2004, 35, no.	0.1	0
597	Selective Carbon-Carbon Bond Formations with Alkenylzirconocenes. ChemInform, 2004, 35, no.	0.1	0
598	Microwave-Assisted Synthesis of Allylic Amines: Considerable Rate Acceleration in the Hydrozirconation-Transmetalation-Alimine Addition Sequence.. ChemInform, 2004, 35, no.	0.1	0
599	Diversity-Oriented Synthesis of Azaspirocycles.. ChemInform, 2004, 35, no.	0.1	0
600	Fused 1,2,3-Thiadiazoles. Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2004, , 155-191.	0.0	0
601	Chemical Properties of 1,2,3-Thiadiazoles. Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2004, , 113-154.	0.0	0
602	Appendix: Table of Simple Quinoxalines. Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2004, , 359-435.	0.0	0
603	Quinoxaline, Alkylquinoxalines, and Arylquinoxalines (H 228, 273; E 1, 7, 205, 233, 261). Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2004, , 93-132.	0.0	0
604	Synthesis of 1,2,3-Thiadiazoles. Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2004, , 1-92.	0.0	0
605	Phthalazine, Alkylphthalazines, and Arylphthalazines (H 69, 72; E 324, 338). Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2005, , 173-202.	0.0	0
606	A Practical Method for Oxazole Synthesis by Cycloisomerization of Propargyl Amides.. ChemInform, 2005, 36, no.	0.1	0
607	Synthesis and Hetero-Michael Addition Reactions of 2-Alkynyl Oxazoles and Oxazolines.. ChemInform, 2005, 36, no.	0.1	0
608	Synthesis and Hetero-Michael Addition Reactions of 2-Alkynyl Oxazoles and Oxazolines.. ChemInform, 2005, 36, no.	0.1	0
609	Microwave-Assisted $\alpha$ -Libraries from Libraries Approach Toward the Synthesis of Allyl- and C-Cyclopropylalkylamides.. ChemInform, 2005, 36, no.	0.1	0
610	Chemistry and Biology of Wortmannin. ChemInform, 2005, 36, no.	0.1	0
611	Microwave-Promoted Oxazole Synthesis: Cyclocondensation Cascade of Oximes and Acyl Chlorides.. ChemInform, 2005, 36, no.	0.1	0
612	Nitro-, Amino-, and Related Phthalazines (H 183; E 560,596). Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2004, , 183-189.	0.0	0

#	ARTICLE	IF	CITATIONS
613	Cinnolinecarboxylic Acids and Related Derivatives (H 11; E 250). Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2005, , 95-108.	0.0	0
614	Primary Syntheses of Cinnolines. Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2005, , 1-32.	0.0	0
615	Nitro-, Amino-, and Related Cinnolines (H 35; E 87, 207). Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2005, , 1-32.	0.0	0
616	Oxyphthalazines (H 78, 177; E 364, 375, 445). Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2005, , 235-280.	0.0	0
617	Phthalazinecarboxylic Acids and Related Derivatives (E 638). Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2005, , 319-347.	0.0	0
618	Halogenocinnolines (H 29; E 121). Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2005, , 45-58.	0.0	0
619	Thiophthalazines (E 535). Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2005, , 281-290.	0.0	0
620	Oxycinnolines (H 16, 29, 48; E 62, 150, 273). Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2005, , 59-77.	0.0	0
621	Thiocinnolines (E 170). Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2005, , 79-83.	0.0	0
622	Appendix: Tables of Simple Cinnolines and Simple Phthalazines. Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2005, , 349-412.	0.0	0
623	Cinnoline, Alkylcinnolines, and Arylcinnolines (H 4, 6, 46; E 1, 18, 300). Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2005, , 33-44.	0.0	0
624	Exploring the Optical Activity Tensor by Anisotropic Rayleigh Optical Activity Scattering. ChemPhysChem, 2008, 9, 504-504.	1.0	0
625	Sixteen Semesters of Chemistry at the University of Zürich: A Retrospective on a Formative Time. Chimia, 2008, 62, 150-151.	0.3	0
626	A New Ligand Scaffold for Catalytic Asymmetric Alkylzinc Additions to Aldehydes.. ChemInform, 2010, 33, 30-30.	0.1	0
627	Identification of Ionizing Irradiation Damage Mitigators by Evaluation of Clonogenic Survival of Human Umbilical Cord Blood Progenitor Cells. International Journal of Radiation Oncology Biology Physics, 2012, 84, S680.	0.4	0
628	Irradiation-induced Inhibition of Bone Repair in SAMP6 and SAMR1 Mice. International Journal of Radiation Oncology Biology Physics, 2012, 84, S674-S675.	0.4	0
629	MMS350: A Water Soluble Radiation Protector and Mitigator. International Journal of Radiation Oncology Biology Physics, 2013, 87, S640.	0.4	0
630	Late Pulmonary Fibrotic Phase Specific Homing of Luciferase+ Bone Marrow Stromal Cells to the Irradiated C57bl/6hnsd Mouse Lung. International Journal of Radiation Oncology Biology Physics, 2013, 87, S113.	0.4	0

#	ARTICLE	IF	CITATIONS
631	Improved Survival and Development of E13 Fetal Mice By JP4-039/F14 Treatment of Pregnant Females 24 Hours After Total-Body Irradiation (TBI). International Journal of Radiation Oncology Biology Physics, 2015, 93, E542-E543.	0.4	0
632	Recently Discovered Oligosaccharide Inhibits Toll-Like Receptor 4 and Prevents Intestinal Stem Cell Apoptosis in Experimental Necrotizing Enterocolitis. Journal of the American College of Surgeons, 2016, 223, S86.	0.2	0
633	Novel Small Molecule Mitochondrial Targeted Nitroxides Mitigate Total Body Irradiation. International Journal of Radiation Oncology Biology Physics, 2016, 96, E567.	0.4	0
634	Structure-activity relationship of ABCC2 inhibitors. Drug Metabolism and Pharmacokinetics, 2017, 32, S103-S104.	1.1	0
635	Mitigation of Irradiation-Induced Damage Using a Three-Drug Regimen. International Journal of Radiation Oncology Biology Physics, 2019, 105, E654-E655.	0.4	0
636	JP4-039-Induced Amelioration of Mucositis and Abscopal Bone Marrow Suppression in Fanconi Anemia Fanca <sup>-/-</sup> Mice during Pencil Beam Scanning Proton Therapy. International Journal of Radiation Oncology Biology Physics, 2019, 105, E656.	0.4	0
637	Presenting a Special Issue on "Medicinal Chemistry: From Targets to Therapies". ACS Medicinal Chemistry Letters, 2020, 11, 1780-1782.	1.3	0
638	Development of New Small Molecule Bone Marrow Radioprotectors.. Blood, 2005, 106, 4196-4196.	0.6	0
639	NOVEL HEMIGRAMICIDIN-TEMPO CONJUGATES AMELIORATE GUT MUCOSAL BARRIER DYSFUNCTION AND CASPASE-3/7 ACTIVATION IN RATS SUBJECTED TO HEMORRHAGIC SHOCK.. Critical Care Medicine, 2005, 33, A32.	0.4	0
640	Differential Effects of Hsp70 Inhibition within the Tumor and Microenvironment in Multiple Myeloma.. Blood, 2006, 108, 5070-5070.	0.6	0
641	Exploiting small molecule and siRNA libraries to identify novel mechanisms for potential cancer therapeutic agents.. FASEB Journal, 2008, 22, 103.4.	0.2	0
642	Probing the role of the potent microtubule disrupting agent disorazole C 1 in premature cellular senescence induction. FASEB Journal, 2008, 22, 642.1.	0.2	0
643	Nitric Oxide Production Following Irradiation of Tumor and Murine Hematopoietic Progenitor Cells in Vitro. FASEB Journal, 2008, 22, 664-664.	0.2	0
644	Targeting Hsp70 in Multiple Myeloma Induces Synergistic Cytotoxicity with Inhibitors of the Proteasome and of Hsp90. Blood, 2008, 112, 5160-5160.	0.6	0
645	Impaired Osseous Wound Healing Following Ionizing Irradiation Is Ameliorated by Mitochondrial Targeted Nitroxide JP4-039.. Blood, 2009, 114, 4576-4576.	0.6	0
646	Novel protein kinase D inhibitors cause potent arrest in cancer cell growth and motility. FASEB Journal, 2010, 24, 964.12.	0.2	0
647	Abstract 2502: Swallowed small molecule GS-nitroxide, JP-4-039, protects the irradiated esophagus. , 2011, , .		0
648	Abstract 1475: Localization of mitochondrial targeted GS-nitroxide JP4-039 BODIPY FL conjugate during radioprotection and mitigation in vivo. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
649	Serial Imaging of Luciferase Positive Bone Marrow Stromal Cell Migration to Form Radiation Pulmonary Fibrosis. <i>Blood</i> , 2012, 120, 4734-4734.	0.6	0
650	Diminished Oxidative Stress Responses in Bone Marrow Stromal Cell Lines Derived From Fanconi Anemia (Fanc-D2 <sup>+/+</sup> ) Mice. <i>Blood</i> , 2012, 120, 4398-4398.	0.6	0
651	Disruption of the PI3K axis abrogates ionizing radiation-induced cell death. <i>FASEB Journal</i> , 2013, 27, 1181.7.	0.2	0
652	New Approaches to Indoles and Indole Alkaloids. , 0, , .		0
653	Intraoral GS-Nitroxide (JP4-039) Reduces Local Mucositis and Distant Marrow Suppression Toxicities In Head and Neck Irradiated Fancd2 <sup>-/-</sup> (FVB/N) Mice. <i>Blood</i> , 2013, 122, 5559-5559.	0.6	0
654	Abstract 228: Withaferin A downregulates tubulins and covalently binds $\beta$ -tubulin at cysteine-303 in human breast cancer cells. , 2014, , .		0
655	Gene Therapy for Mucositis. , 2015, , 345-362.		0
656	Abstract POSTER-THER-1425: Novel small molecules overcoming platinum drug resistance in ovarian cancer cells. , 2015, , .		0
657	Abstract 5344: Novel thioxodihydroquinazolinone small molecules for combination with platinum drugs to reverse platinum resistance through inducing mitochondrial apoptosis independent of Bax and Bak. , 2015, , .		0
658	Abstract A83: Profiling potent, novel protein tyrosine phosphatase 4A3 small molecule inhibitors for ovarian cancer.. , 2016, , .		0
659	Abstract 202: Depletion of PTP4A3 phosphatase disrupts colorectal cancer cell adhesion and extracellular matrix interactions. , 2016, , .		0
660	Abstract 3210: Targeting PTP4A3 phosphatase in ovarian cancer with the potent noncompetitive inhibitor JMS-631-053. , 2017, , .		0
661	Abstract 1220: Coordinated chemical-genetics approach identifies PTP4A3-mediated regulation of colon cancer cell migration and extracellular matrix interactions. , 2017, , .		0
662	A potent and selective allosteric PTP4A3 phosphatase inhibitor enhances microvascular barrier function and inhibits human tumor cell growth.. <i>FASEB Journal</i> , 2018, 32, 836.2.	0.2	0
663	Abstract 2365: A chemical genetics approach identifies PTP4A3 as a regulator of colon cancer cell adhesion. , 2018, , .		0
664	The Mechanism of Inhibition of the Undrugged Oncogenic Phosphatase PTP4A3 by a Novel Small Molecule JMS-053. <i>FASEB Journal</i> , 2019, 33, 674.14.	0.2	0
665	Next Generation Potent Cell-active Inhibitors of the Oncogenic PTP4A3 Phosphatase. <i>FASEB Journal</i> , 2019, 33, 674.11.	0.2	0
666	XJB-5-131 Is a Mild Uncoupler of Oxidative Phosphorylation. <i>Journal of Huntington's Disease</i> , 2022, , 1-11.	0.9	0

#	ARTICLE	IF	CITATIONS
667	Synthesis of Benzo[d]pyrrolo[1,2-a]imidazoles by Iminocyclopropane Rearrangement of C-Cyclopropylbenzimidazoles. <i>Heterocycles</i> , 2022, 105, 358.	0.4	0