

Peter Wipf

List of Publications by Year in descending order

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Version: 2024-02-01

667
papers

29,851
citations

5126

86
h-index

14012

133
g-index

750
all docs

750
docs citations

750
times ranked

28599
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Ferroptosis on the Metabolome in Cardiac Cells: The Role of Glutaminolysis. <i>Antioxidants</i> , 2022, 11, 278.	2.2	16
2	Synthesis of sp ³ -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
3	(+)-JJ-74 is a Novel Noncompetitive Androgen Receptor Antagonist. <i>Molecular Cancer Therapeutics</i> , 2022, 21, 483-492.	1.9	3
4	Synthesis and Optimization of Nitroxide-Based Inhibitors of Ferroptotic Cell Death in Cancer Cells and Macrophages. <i>ACS Medicinal Chemistry Letters</i> , 2022, 13, 403-408.	1.3	1
5	Targeting neurotrophin and nitric oxide signaling to treat spinal cord injury and associated neurogenic bladder overactivity. , 2022, 1, 100014.		2
6	XJB-5-131 Is a Mild Uncoupler of Oxidative Phosphorylation. <i>Journal of Huntington's Disease</i> , 2022, , 1-11.	0.9	0
7	Enantioselective synthesis and selective functionalization of 4-aminotetrahydroquinolines as novel GLP-1 secretagogues. <i>Chirality</i> , 2022, 34, 521-536.	1.3	2
8	Recent syntheses and biological profiling of quassinoids. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 3870-3889.	1.5	7
9	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
10	Stereoselective synthesis of β -fluorinated isoleucines exploiting consecutive C(sp ³)-H bond activations. <i>Tetrahedron</i> , 2022, 120, 132876.	1.0	2
11	Synthesis of Benzo[d]pyrrolo[1,2-a]imidazoles by Iminocyclopropane Rearrangement of C-Cyclopropylbenzimidazoles. <i>Heterocycles</i> , 2022, 105, 358.	0.4	0
12	The human milk oligosaccharides 2'-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
13	Biosynthesis, total synthesis, and biological profiles of Ergot alkaloids. <i>The Alkaloids Chemistry and Biology</i> , 2021, 85, 1-112.	0.8	16
14	Insights image for "The human milk oligosaccharides 2'-fucosyllactose and 6'-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
15	Delivery of a mitochondria-targeted antioxidant from biocompatible, polymeric nanofibrous scaffolds. <i>FEBS Open Bio</i> , 2021, 11, 35-47.	1.0	8
16	3D-printed cartridge system for in-flow photo-oxygenation of 7-aminothienopyridinones. <i>Tetrahedron</i> , 2021, 79, 131875.	1.0	6
17	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
18	Maternal aryl hydrocarbon receptor activation protects newborns against necrotizing enterocolitis. <i>Nature Communications</i> , 2021, 12, 1042.	5.8	42

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19	Regulation and targeting of androgen receptor nuclear localization in castration-resistant prostate cancer. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	30
20	Endothelial Iron Homeostasis Regulates Blood-Brain Barrier Integrity via the HIF2 α -Ve-Cadherin Pathway. <i>Pharmaceutics</i> , 2021, 13, 311.	2.0	15
21	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
22	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
23	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
24	Carbamoyl Anion Addition to Azirines. <i>Organic Letters</i> , 2021, 23, 4396-4399.	2.4	11
25	Credentialing and Pharmacologically Targeting PTP4A3 Phosphatase as a Molecular Target for Ovarian Cancer. <i>Biomolecules</i> , 2021, 11, 969.	1.8	5
26	Unique integrated stress response sensors regulate cancer cell susceptibility when Hsp70 activity is compromised. <i>ELife</i> , 2021, 10, .	2.8	12
27	Combined injury: irradiation with skin or bone wounds in rodent models. <i>Journal of Radiological Protection</i> , 2021, 41, S561-S577.	0.6	2
28	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
29	Toll-like receptor 4-mediated enteric glia loss is critical for the development of necrotizing enterocolitis. <i>Science Translational Medicine</i> , 2021, 13, eabg3459.	5.8	35
30	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
31	Heat Shock Protein 70 as a Sex-Skewed Regulator of α -Synucleinopathy. <i>Neurotherapeutics</i> , 2021, 18, 2541-2564.	2.1	5
32	Chemical modulation of Kv7 potassium channels. <i>RSC Medicinal Chemistry</i> , 2021, 12, 483-537.	1.7	17
33	Intramolecular Diels-Alder Reactions of Oxazoles, Imidazoles, and Thiazoles. <i>Synthesis</i> , 2021, 53, 1181-1199.	1.2	3
34	p97: An Emerging Target for Cancer, Neurodegenerative Diseases, and Viral Infections. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 1892-1907.	2.9	68
35	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
36	A novel androgen receptor antagonist J α 450 inhibits enzalutamide-resistant mutant AR F876L nuclear import and function. <i>Prostate</i> , 2020, 80, 319-328.	1.2	10

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37	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
38	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
39	Presenting a Special Issue on "Medicinal Chemistry: From Targets to Therapies". <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 1780-1782.	1.3	0
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	Arsenic Stimulates Myoblast Mitochondrial Epidermal Growth Factor Receptor to Impair Myogenesis. <i>Toxicological Sciences</i> , 2020, 176, 162-174.	1.4	7
48	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
49	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
50	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
51	Perfluorooctane Sulfonate (PFOS) Produces Dopaminergic Neuropathology in <i>Caenorhabditis elegans</i> . <i>Toxicological Sciences</i> , 2019, 172, 417-434.	1.4	43
52	Medicinal Chemistry: From Targets to Therapies. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 1014-1014.	1.3	1
53	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
54	Co(II)-salen catalyzed stereoselective cyclopropanation of fluorinated styrenes. <i>Chirality</i> , 2019, 31, 1014-1027.	1.3	4

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55	Amelioration of Mucositis in Proton Therapy of Fanconi Anemia Fanca ^{+/+} Mice by JP4-039. <i>In Vivo</i> , 2019, 33, 1757-1766.	0.6	3
56	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
57	ETHE1 and MOCS1 deficiencies: Disruption of mitochondrial bioenergetics, dynamics, redox homeostasis and endoplasmic reticulum-mitochondria crosstalk in patient fibroblasts. <i>Scientific Reports</i> , 2019, 9, 12651.	1.6	28
58	Mitigation of Irradiation-Induced Damage Using a Three-Drug Regimen. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 105, E654-E655.	0.4	0
59	JP4-039-Induced Amelioration of Mucositis and Abscopal Bone Marrow Suppression in Fanconi Anemia Fanca ^{-/-} Mice during Pencil Beam Scanning Proton Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 105, E656.	0.4	0
60	Synthesis and Optimization of K ^v 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
61	Amelioration of Amyotrophic Lateral Sclerosis in SOD1 ^{G93A} Mice by M ² Microglia from Transplanted Marrow. <i>In Vivo</i> , 2019, 33, 675-688.	0.6	4
62	In-flow photooxygenation of aminothienopyridinones generates iminopyridinedione PTP4A3 phosphatase inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2448-2466.	1.5	13
63	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
64	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
65	Mitochondrial energetics is impaired in very long-chain acyl-CoA dehydrogenase deficiency and can be rescued by treatment with mitochondria-targeted electron scavengers. <i>Human Molecular Genetics</i> , 2019, 28, 928-941.	1.4	41
66	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
67	A New Synthesis of Gefitinib. <i>Synlett</i> , 2019, 30, 471-476.	1.0	6
68	Mitochondria are a substrate of cellular memory. <i>Free Radical Biology and Medicine</i> , 2019, 130, 528-541.	1.3	13
69	Asymmetric Total Synthesis and Biological Evaluation of (+)-Cycloclavine. <i>Synthesis</i> , 2019, 51, 213-224.	1.2	14
70	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
71	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
72	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

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73	Next Generation Potent Cell-Active Inhibitors of the Oncogenic PTP4A3 Phosphatase. <i>FASEB Journal</i> , 2019, 33, 674.11.	0.2	0
74	Spontaneous DNA damage to the nuclear genome promotes senescence, redox imbalance and aging. <i>Redox Biology</i> , 2018, 17, 259-273.	3.9	103
75	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
76	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
77	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
78	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
79	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
80	t-BuOOH induces ferroptosis in human and murine cell lines. <i>Archives of Toxicology</i> , 2018, 92, 759-775.	1.9	51
81	Small molecule targeting of PTPs in cancer. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 96, 171-181.	1.2	32
82	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
83	Lambert-Eaton 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
84	Amelioration of Head and Neck Radiation-Induced Mucositis and Distant Marrow Suppression in Fanca- and Fancg- Mice by Intraoral Administration of GS-Nitroxide (JP4-039). <i>Radiation Research</i> , 2018, 189, 560.	0.7	17
85	Structural Basis of Polyketide Synthase <i>O</i> -Methylation. <i>ACS Chemical Biology</i> , 2018, 13, 3221-3228.	1.6	9
86	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
87	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
88	2,2,6,6-Tetramethylpiperidin-1-yloxycarbonyl: A Protecting Group for Primary, Secondary, and Heterocyclic Amines. <i>Organic Letters</i> , 2018, 20, 6760-6764.	2.4	8
89	A Five-Component Biginelli-Diels-Alder Cascade Reaction. <i>Frontiers in Chemistry</i> , 2018, 6, 376.	1.8	13
90	Targeting Mitochondrial Oxidative Stress to Mitigate UV-Induced Skin Damage. <i>Frontiers in Pharmacology</i> , 2018, 9, 920.	1.6	67

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91	Synthesis and Evaluation of a Mitochondria-Targeting Poly(ADP-ribose) Polymerase-1 Inhibitor. ACS Chemical Biology, 2018, 13, 2868-2879.	1.6	16
92	Optimization of Phenyl Indole Inhibitors of the AAA+ ATPase p97. ACS Medicinal Chemistry Letters, 2018, 9, 1075-1081.	1.3	17
93	XJB-5-131-mediated improvement in physiology and behaviour of the R6/2 mouse model of Huntington's disease is age- and sex- dependent. PLoS ONE, 2018, 13, e0194580.	1.1	20
94	ATF4 Regulates CD4+ T Cell Immune Responses through Metabolic Reprogramming. Cell Reports, 2018, 23, 1754-1766.	2.9	69
95	Relaxin therapy reverses radiation-induced fibrosis and restores bladder function in mice. Neurourology and Urodynamics, 2018, 37, 2441-2451.	0.8	32
96	Targeting p75 neurotrophin receptors ameliorates spinal cord injury-induced detrusor sphincter dyssynergia in mice. Neurourology and Urodynamics, 2018, 37, 2452-2461.	0.8	15
97	Reevaluation of the Palladium/Carbon-Catalyzed Decarbonylation of Aliphatic Aldehydes. Synlett, 2018, 29, 1781-1785.	1.0	8
98	Genetic re-engineering of polyunsaturated phospholipid profile of Saccharomyces cerevisiae identifies a novel role for Cld1 in mitigating the effects of cardiolipin peroxidation. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 1354-1368.	1.2	16
99	A chemical genetics approach identifies PTP4A3 as a regulator of colon cancer cell adhesion. FASEB Journal, 2018, 32, 5661-5673.	0.2	12
100	A High-Content Screen Reveals New Small-Molecule Enhancers of Ras/Mapk Signaling as Probes for Zebrafish Heart Development. Molecules, 2018, 23, 1691.	1.7	9
101	Compensation of select proteostasis networks after Hsp70 inhibition in cancer. Journal of Cell Science, 2018, 131, .	1.2	16
102	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. Radiation Research, 2018, 191, 139.	0.7	10
103	Targeting ovarian cancer and endothelium with an allosteric PTP4A3 phosphatase inhibitor. Oncotarget, 2018, 9, 8223-8240.	0.8	27
104	A potent and selective allosteric PTP4A3 phosphatase inhibitor enhances microvascular barrier function and inhibits human tumor cell growth.. FASEB Journal, 2018, 32, 836.2.	0.2	0
105	Abstract 2365: A chemical genetics approach identifies PTP4A3 as a regulator of colon cancer cell adhesion. , 2018, , .		0
106	ACS Medicinal Chemistry Letters: Technology Notes. ACS Medicinal Chemistry Letters, 2017, 8, 1-2.	1.3	1
107	A structure-activity relationship study of ABCC2 inhibitors. European Journal of Pharmaceutical Sciences, 2017, 103, 60-69.	1.9	7
108	Mechanism of action of selective inhibitors of IL-6 induced STAT3 pathway in head and neck cancer cell lines. Journal of Chemical Biology, 2017, 10, 129-141.	2.2	10

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109	Structure-activity relationship of ABCC2 inhibitors. <i>Drug Metabolism and Pharmacokinetics</i> , 2017, 32, S103-S104.	1.1	0
110	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
111	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
112	<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
113	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
114	Indole synthesis by palladium-catalyzed tandem allylic isomerization \rightarrow furan Diels-Alder reaction. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 7093-7096.	1.5	18
115	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
116	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
117	Eight-Step Enantioselective Total Synthesis of (S)-Cycloclavine. <i>Angewandte Chemie</i> , 2017, 129, 330-333.	1.6	7
118	Eight-Step Enantioselective Total Synthesis of (S)-Cycloclavine. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 324-327.	7.2	39
119	Elucidating Mitochondrial Electron Transport Chain Supercomplexes in the Heart During Ischemia-Reperfusion. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 57-69.	2.5	72
120	Improved Total-Body Irradiation Survival by Delivery of Two Radiation Mitigators that Target Distinct Cell Death Pathways. <i>Radiation Research</i> , 2017, 189, 68.	0.7	27
121	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
122	Induction of TGF- β 2 by Irradiation or Chemotherapy in Fanconi Anemia (FA) Mouse Bone Marrow β 2 TM s Modulated by Small Molecule Radiation Mitigators JP4-039 and MMS350. <i>In Vivo</i> , 2017, 31, 159-168.	0.6	5
123	Abstract 3210: Targeting PTP4A3 phosphatase in ovarian cancer with the potent noncompetitive inhibitor JMS-631-053. , 2017, , .		0
124	Abstract 1220: Coordinated chemical-genetics approach identifies PTP4A3-mediated regulation of colon cancer cell migration and extracellular matrix interactions. , 2017, , .		0
125	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
126	Recently Discovered Oligosaccharide Inhibits Toll-Like Receptor 4 and Prevents Intestinal Stem Cell Apoptosis in Experimental Necrotizing Enterocolitis. <i>Journal of the American College of Surgeons</i> , 2016, 223, S86.	0.2	0

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127	Total synthesis, biosynthesis and biological profiles of clavine alkaloids. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 5894-5913.	1.5	60
128	Synthesis and Evaluation of Potent KCNQ2/3-Specific Channel Activators. <i>Molecular Pharmacology</i> , 2016, 89, 667-677.	1.0	51
129	Intraoral Mitochondrial-Targeted GS-Nitroxide, JP4-039, Radioprotects Normal Tissue in Tumor-Bearing Radiosensitive Fanca ^{-/-} (C57BL/6) Mice. <i>Radiation Research</i> , 2016, 185, 134.	0.7	27
130	A Mitochondrial-Targeted Nitroxide Is a Potent Inhibitor of Ferroptosis. <i>ACS Central Science</i> , 2016, 2, 653-659.	5.3	167
131	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
132	Novel Small Molecule Mitochondrial Targeted Nitroxides Mitigate Total Body Irradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, E567.	0.4	0
133	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
134	Hydrophosphination of Bicyclo[1.1.0]butane-1-carbonitriles. <i>Organic Letters</i> , 2016, 18, 4300-4303.	2.4	27
135	Allosteric Modulation of Phosphatase Activity May Redefine Therapeutic Value. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 7771-7772.	2.9	9
136	Total Synthesis and Biological Evaluation of Tubulysin Analogues. <i>Journal of Organic Chemistry</i> , 2016, 81, 10302-10320.	1.7	29
137	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
138	Optimization of pyrazole-containing 1,2,4-triazolo-[3,4-b]thiadiazines, a new class of STAT3 pathway inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3581-3585.	1.0	27
139	Photooxygenation of an amino-thienopyridone yields a more potent PTP4A3 inhibitor. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 6398-6402.	1.5	37
140	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
141	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
142	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
143	Straining to react. <i>Nature Chemistry</i> , 2016, 8, 296-297.	6.6	18
144	Mitochondrial targeting of XJB-5-131 attenuates or improves pathophysiology in HdhQ150 animals with well-developed disease phenotypes. <i>Human Molecular Genetics</i> , 2016, 25, 1792-1802.	1.4	44

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