Brent R Stockwell

List of Publications by Year
in descending order

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172 papers	71,821 citations	5267 83 h-index	4773 169 g-index
183 all docs	183 docs citations	183 times ranked	54829 citing authors

#	Article	IF	Citations
1	Ferroptosis: An Iron-Dependent Form of Nonapoptotic Cell Death. Cell, 2012, 149, 1060-1072.	28.9	9,007
2	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
3	Regulation of Ferroptotic Cancer Cell Death by GPX4. Cell, 2014, 156, 317-331.	28.9	4,187
4	Ferroptosis: A Regulated Cell Death Nexus Linking Metabolism, Redox Biology, and Disease. Cell, 2017, 171, 273-285.	28.9	4,081
5	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	11.2	4,036
6	Inactivation of the ferroptosis regulator Gpx4 triggers acute renal failure in mice. Nature Cell Biology, 2014, 16, 1180-1191.	10.3	2,241
7	Ferroptosis: mechanisms, biology and role in disease. Nature Reviews Molecular Cell Biology, 2021, 22, 266-282.	37.0	2,178
8	Ferroptosis: Death by Lipid Peroxidation. Trends in Cell Biology, 2016, 26, 165-176.	7.9	1,807
9	The role of iron and reactive oxygen species in cell death. Nature Chemical Biology, 2014, 10, 9-17.	8.0	1,685
10	A Lentiviral RNAi Library for Human and Mouse Genes Applied to an Arrayed Viral High-Content Screen. Cell, 2006, 124, 1283-1298.	28.9	1,603
11	Oxidized arachidonic and adrenic PEs navigate cells to ferroptosis. Nature Chemical Biology, 2017, 13, 81-90.	8.0	1,589
12	Peroxidation of polyunsaturated fatty acids by lipoxygenases drives ferroptosis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4966-75.	7.1	1,322
13	Pharmacological inhibition of cystineâ€“glutamate exchange induces endoplasmic reticulum stress and ferroptosis. ELife, 2014, 3, e02523.	6.0	1,296
14	Privileged scaffolds for library design and drug discovery. Current Opinion in Chemical Biology, 2010, 14, 347-361.	6.1	1,228
15	Synthetic Lethal Screening Identifies Compounds Activating Iron-Dependent, Nonapoptotic Cell Death in Oncogenic-RAS-Harboring Cancer Cells. Chemistry and Biology, 2008, 15, 234-245.	6.0	1,200
16	Dependency of a therapy-resistant state of cancer cells on a lipid peroxidase pathway. Nature, 2017, 547, 453-457.	27.8	1,194
17	Lipid peroxidation in cell death. Biochemical and Biophysical Research Communications, 2017, 482, 419-425.	2.1	1,148
18	RASâ€“RAFâ€“MEK-dependent oxidative cell death involving voltage-dependent anion channels. Nature, 2007, 447, 865-869.	27.8	1,104

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19	Identification of genotype-selective antitumor agents using synthetic lethal chemical screening in engineered human tumor cells. Cancer Cell, 2003, 3, 285-296.	16.8	973
20	An Induced Proximity Model for Caspase-8 Activation. Journal of Biological Chemistry, 1998, 273, 2926-2930.	3.4	879
21	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. Cell Death and Differentiation, 2015, 22, 58-73.	11.2	811
22	Synchronized renal tubular cell death involves ferroptosis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16836-16841.	7.1	801
23	Ferroptosis turns 10: Emerging mechanisms, physiological functions, and therapeutic applications. Cell, 2022, 185, 2401-2421.	28.9	741
24	Ferrostatins Inhibit Oxidative Lipid Damage and Cell Death in Diverse Disease Models. Journal of the American Chemical Society, 2014, 136, 4551-4556.	13.7	738
25	Cysteine depletion induces pancreatic tumor ferroptosis in mice. Science, 2020, 368, 85-89.	12.6	692
26	Global survey of cell death mechanisms reveals metabolic regulation of ferroptosis. Nature Chemical Biology, 2016, 12, 497-503.	8.0	671
27	Multicomponent therapeutics for networked systems. Nature Reviews Drug Discovery, 2005, 4, 71-78.	46.4	665
28	Human Haploid Cell Genetics Reveals Roles for Lipid Metabolism Genes in Nonapoptotic Cell Death. ACS Chemical Biology, 2015, 10, 1604-1609.	3.4	629
29	Emerging Mechanisms and Disease Relevance of Ferroptosis. Trends in Cell Biology, 2020, 30, 478-490.	7.9	624
30	The development of the concept of ferroptosis. Free Radical Biology and Medicine, 2019, 133, 130-143.	2.9	623
31	Intercellular interaction dictates cancer cell ferroptosis via NF2â€“YAP signalling. Nature, 2019, 572, 402-406.	27.8	617
32	An Interactive Resource to Identify Cancer Genetic and Lineage Dependencies Targeted by Small Molecules. Cell, 2013, 154, 1151-1161.	28.9	615
33	Energy-stress-mediated AMPK activation inhibits ferroptosis. Nature Cell Biology, 2020, 22, 225-234.	10.3	561
34	Systematic discovery of multicomponent therapeutics. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 7977-7982.	7.1	551
35	GTP Cyclohydrolase 1/Tetrahydrobiopterin Counteract Ferroptosis through Lipid Remodeling. ACS Central Science, 2020, 6, 41-53.	11.3	551
36	Unsolved mysteries: How does lipid peroxidation cause ferroptosis?. PLoS Biology, 2018, 16, e2006203.	5.6	487

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37	Inhibition of neuronal ferroptosis protects hemorrhagic brain. JCI Insight, 2017, 2, e90777.	5.0	483
38	Regulated necrosis: disease relevance and therapeutic opportunities. Nature Reviews Drug Discovery, 2016, 15, 348-366.	46.4	481
39	FINO2 initiates ferroptosis through GPX4 inactivation and iron oxidation. Nature Chemical Biology, 2018, 14, 507-515.	8.0	471
40	Conserved pathways within bacteria and yeast as revealed by global protein network alignment. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 11394-11399.	7.1	466
41	Exploring biology with small organic molecules. Nature, 2004, 432, 846-854.	27.8	433
42	Transferrin Receptor Is a Specific Ferroptosis Marker. Cell Reports, 2020, 30, 3411-3423.e7.	6.4	414
43	Regulated cell death and inflammation: an auto-amplification loop causes organ failure. Nature Reviews Immunology, 2014, 14, 759-767.	22.7	404
44	Chemical genetics: ligand-based discovery of gene function. Nature Reviews Genetics, 2000, 1, 116-125.	16.3	399
45	Imidazole Ketone Erastin Induces Ferroptosis and Slows Tumor Growth in a Mouse Lymphoma Model. Cell Chemical Biology, 2019, 26, 623-633.e9.	5.2	399
46	The Hallmarks of Ferroptosis. Annual Review of Cancer Biology, 2019, 3, 35-54.	4.5	370
47	PathBLAST: a tool for alignment of protein interaction networks. Nucleic Acids Research, 2004, 32, W83-W88.	14.5	360
48	Loss of cysteinyl-tRNA synthetase (CARS) induces the transsulfuration pathway and inhibits ferroptosis induced by cystine deprivation. Cell Death and Differentiation, 2016, 23, 270-278.	11.2	346
49	Regulation of lipid peroxidation and ferroptosis in diverse species. Genes and Development, 2018, 32, 602-619.	5.9	339
50	Radiation-Induced Lipid Peroxidation Triggers Ferroptosis and Synergizes with Ferroptosis Inducers. ACS Chemical Biology, 2020, 15, 469-484.	3.4	280
51	Elucidating Compound Mechanism of Action by Network Perturbation Analysis. Cell, 2015, 162, 441-451.	28.9	278
52	Inhibitors of protein disulfide isomerase suppress apoptosis induced by misfolded proteins. Nature Chemical Biology, 2010, 6, 900-906.	8.0	277
53	Gene expressionâ€"based high-throughput screening(GE-HTS) and application to leukemia differentiation. Nature Genetics, 2004, 36, 257-263.	21.4	276
54	Necroptosis and ferroptosis are alternative cell death pathways that operate in acute kidney failure. Cellular and Molecular Life Sciences, 2017, 74, 3631-3645.	5.4	261

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55	Chemical combination effects predict connectivity in biological systems. Molecular Systems Biology, 2007, 3, 80.	7.2	243
56	Determination of the Subcellular Localization and Mechanism of Action of Ferrostatins in Suppressing Ferroptosis. ACS Chemical Biology, 2018, 13, 1013-1020.	3.4	229
57	Modeling the effects of lipid peroxidation during ferroptosis on membrane properties. Scientific Reports, 2018, 8, 5155.	3.3	223
58	Cell-Line Selectivity Improves the Predictive Power of Pharmacogenomic Analyses and Helps Identify NADPH as Biomarker for Ferroptosis Sensitivity. Cell Chemical Biology, 2016, 23, 225-235.	5.2	217
59	Multivalent Small-Molecule Pan-RAS Inhibitors. Cell, 2017, 168, 878-889.e29.	28.9	213
60	The Chemistry and Biology of Ferroptosis. Cell Chemical Biology, 2020, 27, 365-375.	5.2	204
61	Blended Learning Improves Science Education. Cell, 2015, 162, 933-936.	28.9	198
62	High-throughput screening of small molecules in miniaturized mammalian cell-based assays involving post-translational modifications. Chemistry and Biology, 1999, 6, 71-83.	6.0	191
63	SnapShot: Ferroptosis. Cell, 2020, 181, 1188-1188.e1.	28.9	180
64	A Mitochondrial-Targeted Nitroxide Is a Potent Inhibitor of Ferroptosis. ACS Central Science, 2016, 2, 653-659.	11.3	167
65	Heat stress induces ferroptosis-like cell death in plants. Journal of Cell Biology, 2017, 216, 463-476.	5.2	162
66	Promotion of cholangiocarcinoma growth by diverse cancer-associated fibroblast subpopulations. Cancer Cell, 2021, 39, 866-882.e11.	16.8	159
67	Combination chemical genetics. Nature Chemical Biology, 2008, 4, 674-681.	8.0	158
68	Protein Folding Drives Disulfide Formation. Cell, 2012, 151, 794-806.	28.9	158
69	Development of small-molecule probes that selectively kill cells induced to express mutant RAS. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 1822-1826.	2.2	157
70	MDM2 and MDMX promote ferroptosis by PPARÎ±-mediated lipid remodeling. Genes and Development, 2020, 34, 526-543.	5.9	156
71	Synthesis and Preliminary Evaluation of a Library of Polycyclic Small Molecules for Use in Chemical Genetic Assays. Journal of the American Chemical Society, 1999, 121, 9073-9087.	13.7	155
72	iPLA2Î²-mediated lipid detoxification controls p53-driven ferroptosis independent of GPX4. Nature Communications, 2021, 12, 3644.	12.8	153

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73	A Physiological Function for Ferroptosis in Tumor Suppression by the Immune System. Cell Metabolism, 2019, 30, 14-15.	16.2	147
74	From The Cover: Microarrays of small molecules embedded in biodegradable polymers for use in mammalian cell-based screens. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 16144-16149.	7.1	141
75	Indoprofen Upregulates the Survival Motor Neuron Protein through a Cyclooxygenase-Independent Mechanism. Chemistry and Biology, 2004, 11, 1489-1493.	6.0	135
76	An expanded universe of cancer targets. Cell, 2021, 184, 1142-1155.	28.9	135
77	Identification of Potential Therapeutic Drugs for Huntington's Disease using Caenorhabditis elegans. PLoS ONE, 2007, 2, e504.	2.5	127
78	Increased erythrophagocytosis induces ferroptosis in red pulp macrophages in a mouse model of transfusion. Blood, 2018, 131, 2581-2593.	1.4	119
79	Modulatory profiling identifies mechanisms of small molecule-induced cell death. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E771-80.	7.1	113
80	Lipid homeostasis and regulated cell death. Current Opinion in Chemical Biology, 2017, 39, 83-89.	6.1	105
81	Discovery of Anticancer Agents of Diverse Natural Origin. Anticancer Research, 2016, 36, 5623-5638.	1.1	94
82	Frontiers in chemical genetics. Trends in Biotechnology, 2000, 18, 449-455.	9.3	93
83	Biological Mechanism Profiling Using an Annotated Compound Library. Chemistry and Biology, 2003, 10, 881-892.	6.0	93
84	Incorporation of metabolically stable ketones into a small molecule probe to increase potency and water solubility. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4787-4792.	2.2	93
85	Identifying druggable disease-modifying gene products. Current Opinion in Chemical Biology, 2009, 13, 549-555.	6.1	91
86	Discovery of Mdm2-MdmX E3 Ligase Inhibitors Using a Cell-Based Ubiquitination Assay. Cancer Discovery, 2011, 1, 312-325.	9.4	82
87	Small molecule-induced oxidation of protein disulfide isomerase is neuroprotective. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2245-52.	7.1	82
88	Inhibition of casein kinase 1-epsilon induces cancer-cell-selective, PERIOD2-dependent growth arrest. Genome Biology, 2008, 9, R92.	9.6	77
89	Biologically active molecules that reduce polyglutamine aggregation and toxicity. Human Molecular Genetics, 2006, 15, 2114-2124.	2.9	70
90	Targeting Dependency on the GPX4 Lipid Peroxide Repair Pathway for Cancer Therapy. Biochemistry, 2018, 57, 2059-2060.	2.5	68

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91	Identification of Simple Compounds with Microtubule-Binding Activity That Inhibit Cancer Cell Growth with High Potency. ACS Medicinal Chemistry Letters, 2012, 3, 35-38.	2.8	67
92	Resolving the paradox of ferroptotic cell death: Ferrostatin-1 binds to 15LOX/PEBP1 complex, suppresses generation of peroxidized ETE-PE, and protects against ferroptosis. Redox Biology, 2021, 38, 101744.	9.0	67
93	Towards patient-based cancer therapeutics. Nature Biotechnology, 2010, 28, 904-906.	17.5	65
94	Lead compounds for the development of SARS-CoV-2 3CL protease inhibitors. Nature Communications, 2021, 12, 2016.	12.8	65
95	A powerful cell-protection system prevents cell death by ferroptosis. Nature, 2019, 575, 597-598.	27.8	60
96	ADVANCES IN CHEMICAL GENETICS. Annual Review of Genomics and Human Genetics, 2005, 6, 261-286.	6.2	59
97	Copper-Binding Small Molecule Induces Oxidative Stress and Cell-Cycle Arrest in Glioblastoma-Patient-Derived Cells. Cell Chemical Biology, 2018, 25, 585-594.e7.	5.2	59
98	Identification of inhibitors of ribozyme self-cleavage in mammalian cells via high-throughput screening of chemical libraries. Rna, 2006, 12, 797-806.	3.5	57
99	Inhibitors of metabolism rescue cell death in Huntington's disease models. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 14525-14530.	7.1	55
100	Probing the role of homomeric and heteromeric receptor interactions in TGF-Î² signaling using small molecule dimerizers. Current Biology, 1998, 8, 761-773.	3.9	54
101	The structure of erastin-bound xCTâ€“4F2hc complexÂreveals molecular mechanisms underlying erastin-induced ferroptosis. Cell Research, 2022, 32, 687-690.	12.0	48
102	Clickable Poly(ionic liquids): A Materials Platform for Transfection. Angewandte Chemie - International Edition, 2016, 55, 12382-12386.	13.8	47
103	Protein Prenylation Constitutes an Endogenous Brake on Axonal Growth. Cell Reports, 2016, 16, 545-558.	6.4	45
104	Development of optimized drug-like small molecule inhibitors of the SARS-CoV-2 3CL protease for treatment of COVID-19. Nature Communications, 2022, 13, 1891.	12.8	45
105	Unraveling the mechanism of cell death induced by chemical fibrils. Nature Chemical Biology, 2014, 10, 969-976.	8.0	43
106	Functional Model of Metabolite Gating by Human Voltage-Dependent Anion Channel 2. Biochemistry, 2011, 50, 3408-3410.	2.5	42
107	p21 can be a barrier to ferroptosis independent of p53. Aging, 2020, 12, 17800-17814.	3.1	42
108	Selective inhibitors of death in mutant huntingtin cells. , 2007, 3, 99-100.		41

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109	Characterization of a patient-derived variant of GPX4 for precision therapy. Nature Chemical Biology, 2022, 18, 91-100.	8.0	41
110	A Stem Cell-Based Screening Platform Identifies Compounds that Desensitize Motor Neurons to Endoplasmic Reticulum Stress. Molecular Therapy, 2019, 27, 87-101.	8.2	39
111	Small molecule modulator of protein disulfide isomerase attenuates mutant huntingtin toxicity and inhibits endoplasmic reticulum stress in a mouse model of Huntingtonâ€™s disease. Human Molecular Genetics, 2018, 27, 1545-1555.	2.9	38
112	Development of MAP4 Kinase Inhibitors as Motor Neuron-Protecting Agents. Cell Chemical Biology, 2019, 26, 1703-1715.e37.	5.2	36
113	Klebsiella pneumoniae induces host metabolic stress that promotes tolerance to pulmonary infection. Cell Metabolism, 2022, 34, 761-774.e9.	16.2	36
114	TGF-Î²-signaling with small molecule FKBP12 antagonists that bind myristoylated FKBP12-TGF-Î² type I receptor fusion proteins. Chemistry and Biology, 1998, 5, 385-395.	6.0	33
115	K-Ras^{G12D} Has a Potential Allosteric Small Molecule Binding Site. Biochemistry, 2019, 58, 2542-2554.	2.5	33
116	Chemical Genetic Screening Approaches to Neurobiology. Neuron, 2002, 36, 559-562.	8.1	31
117	Design and synthesis of Pictetâ€“Spengler condensation products that exhibit oncogenic-RAS synthetic lethality and induce non-apoptotic cell death. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 5707-5713.	2.2	31
118	High-Throughput Screening of Patient-Derived Cultures Reveals Potential for Precision Medicine in Glioblastoma. ACS Medicinal Chemistry Letters, 2015, 6, 948-952.	2.8	30
119	A Flexible Data Analysis Tool for Chemical Genetic Screens. Chemistry and Biology, 2004, 11, 1495-1503.	6.0	29
120	Machine Learning Classifies Ferroptosis and Apoptosis Cell Death Modalities with TfR1 Immunostaining. ACS Chemical Biology, 2022, 17, 654-660.	3.4	29
121	Chemical genetic approaches to probing cell death. Current Opinion in Chemical Biology, 2007, 11, 83-87.	6.1	28
122	High Throughput Screening for Neurodegeneration and Complex Disease Phenotypes. Combinatorial Chemistry and High Throughput Screening, 2008, 11, 238-248.	1.1	28
123	Inhibitors of Coronavirus 3CL Proteases Protect Cells from Protease-Mediated Cytotoxicity. Journal of Virology, 2021, 95, e0237420.	3.4	27
124	A roadmap to creating ferroptosis-based medicines. Nature Chemical Biology, 2021, 17, 1113-1116.	8.0	25
125	Chemical Genetic and Genomic Approaches Reveal a Role for Copper in Specific Gene Activation. Journal of the American Chemical Society, 1999, 121, 10662-10663.	13.7	24
126	Detecting Spatial Patterns in Biological Array Experiments. Journal of Biomolecular Screening, 2003, 8, 393-398.	2.6	24

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127	Therapeutic approaches to preventing cell death in Huntington disease. Progress in Neurobiology, 2012, 99, 262-280.	5.7	24
128	Mutant Huntingtin Alters Cell Fate in Response to Microtubule Depolymerization via the GEF-H1-RhoA-ERK Pathway*. Journal of Biological Chemistry, 2010, 285, 37445-37457.	3.4	23
129	tRNA synthase suppression activatesde novocysteine synthesis to compensate for cystine and glutathione deprivation during ferroptosis. Molecular and Cellular Oncology, 2016, 3, e1091059.	0.7	22
130	Using small molecules to overcome drug resistance induced by a viral oncogene. Cancer Cell, 2006, 9, 133-146.	16.8	21
131	Time Course of Changes in Sorafenibâ€Treated Hepatocellular Carcinoma Cells Suggests Involvement of Phosphoâ€Regulated Signaling in Ferroptosis Induction. Proteomics, 2020, 20, 2000006.	2.2	21
132	Gene expression-based screening for inhibitors of PDGFR signaling. Genome Biology, 2008, 9, R47.	9.6	19
133	Photon Upconversion Hydrogels for 3D Optogenetics. Advanced Functional Materials, 2021, 31, 2010907.	14.9	19
134	Discovery of Anticancer Agents of Diverse Natural Origin. Journal of Natural Products, 2022, 85, 702-719.	3.0	19
135	Eliminating membrane depolarization caused by the Alzheimer peptide AÎ²(1â€“42, aggr.). Biochemical and Biophysical Research Communications, 2002, 293, 1204-1208.	2.1	17
136	The biological magic behind the bullets. Nature Biotechnology, 2004, 22, 37-38.	17.5	17
137	Chemical Genetics and Orphan Genetic Diseases. Chemistry and Biology, 2005, 12, 1063-1073.	6.0	16
138	Patient-derived glioblastoma cultures as a tool for small-molecule drug discovery. Oncotarget, 2020, 11, 443-451.	1.8	16
139	Neurobiological Applications of Small Molecule Screening. Chemical Reviews, 2008, 108, 1774-1786.	47.7	15
140	Structural Elucidation of a Small Molecule Inhibitor of Protein Disulfide Isomerase. ACS Medicinal Chemistry Letters, 2015, 6, 966-971.	2.8	15
141	Restoring functions of tumor suppressors with small molecules. Cancer Cell, 2003, 4, 419-420.	16.8	14
142	Small Molecule that Reverses Dexamethasone Resistance in T-cell Acute Lymphoblastic Leukemia (T-ALL). ACS Medicinal Chemistry Letters, 2014, 5, 754-759.	2.8	14
143	Chemoenzymatic approaches to SCH 56592, a new azole antifungal. JAOCS, Journal of the American Oil Chemists' Society, 1997, 74, 1361-1370.	1.9	12
144	Identification of a small molecule that induces ATG5-and-cathepsin-l-dependent cell death and modulates polyglutamine toxicity. Experimental Cell Research, 2013, 319, 1759-1773.	2.6	12

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145	Transforming Lipoxygenases: PE-Specific Enzymes in Disguise. Cell, 2017, 171, 501-502.	28.9	12
146	Development of a primary microglia screening assay and its use to characterize inhibition of system xc- by erastin and its analogs. Biochemistry and Biophysics Reports, 2017, 9, 266-272.	1.3	11
147	Group Problem Solving in Class Improves Undergraduate Learning. ACS Central Science, 2017, 3, 614-620.	11.3	11
148	Development of therapies for rare genetic disorders of GPX4: roadmap and opportunities. Orphanet Journal of Rare Diseases, 2021, 16, 446.	2.7	11
149	Engineering drug combinations. Nature Chemical Biology, 2010, 6, 318-319.	8.0	9
150	Small Molecule Screen Reveals Regulation of Survival Motor Neuron Protein Abundance by Ras Proteins. ACS Chemical Biology, 2013, 8, 914-922.	3.4	9
151	Multidimensional Profiling in the Investigation of Small-Molecule-Induced Cell Death. Methods in Enzymology, 2014, 545, 265-302.	1.0	9
152	Ligand binding to a remote site thermodynamically corrects the F508del mutation in the human cystic fibrosis transmembrane conductance regulator. Journal of Biological Chemistry, 2018, 293, 17685-17704.	3.4	9
153	Renewing embryonic stem cells. Nature, 2006, 444, 692-693.	27.8	8
154	A novel role for jun N-terminal Kinase signaling in olfactory sensory neuronal death. Molecular and Cellular Neurosciences, 2008, 38, 518-525.	2.2	8
155	Preventing protein secretion with chemical glue. Nature Chemical Biology, 2006, 2, 7-8.	8.0	7
156	Design of Small Molecules That Compete with Nucleotide Binding to an Engineered Oncogenic KRAS Allele. Biochemistry, 2018, 57, 1380-1389.	2.5	6
157	Clickable Poly(ionic liquids): A Materials Platform for Transfection. Angewandte Chemie, 2016, 128, 12570-12574.	2.0	4
158	Global analysis of large-scale chemical and biological experiments. Current Opinion in Drug Discovery & Development, 2002, 5, 355-60.	1.9	4
159	Leveraging insights into cancer metabolismâ€"a symposium report. Annals of the New York Academy of Sciences, 2020, 1462, 5-13.	3.8	3
160	Mesenchymal subtype neuroblastomas are addicted to TGF-Î²R2/HMGCR-driven protein geranylgeranylation. Scientific Reports, 2020, 10, 10748.	3.3	3
161	Enzyme Annotation with Chemical Tools. Chemistry and Biology, 2006, 13, 1013-1014.	6.0	2
162	FERROPTOSIS: MECHANISMS AND THERAPEUTIC APPLICATIONS. Free Radical Biology and Medicine, 2017, 112, 7.	2.9	2

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163	Toward a Microparticle-Based System for Pooled Assays of Small Molecules in Cellular Contexts. ACS Chemical Biology, 2018, 13, 761-771.	3.4	2
164	A Mammalian Cell-Based Assay for Screening Inhibitors of RNA Cleavage. Methods in Molecular Biology, 2009, 540, 335-347.	0.9	2
165	A Study in Blue: Secondary Copperâ€Rich Minerals and Their Associated Bacterial Diversity in Icelandic Lava Tubes. Earth and Space Science, 2022, 9, .	2.6	2
166	The Immortal Life of Henrietta Lacks, by Rebecca Skloot. Nephrology Times, 2010, 3, 12-13.	0.0	1
167	Dawn of a New Era of Targeted Antioxidant Therapies. Cell Chemical Biology, 2019, 26, 1483-1485.	5.2	1
168	The Immortal Life of Henrietta Lacks by Rebecca Skloot; Review of the Book, and an Interview with the Author. Oncology Times, 2010, 32, 44-48.	0.1	0
169	Unraveling the Mechanisms of Oxidative Folding using Single Molecule Force Spectroscopy. Biophysical Journal, 2011, 100, 480a.	0.5	0
170	Heavy metal suicide. American Journal of Physiology - Renal Physiology, 2017, 313, F959-F960.	2.7	0
171	Abstract 2666: Subtype-selective lethal molecules disrupt the regulatory module that drives high-risk neuroblastoma. , 2018, , .		0
172	Abstract C005: NT5C2 small molecule inhibitor for the reversal of 6-MP resistance in acute lymphoblastic leukemia. , 2019, , .		0