

# Benjamin F Cravatt

## List of Publications by Year in descending order

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Version: 2024-02-01

446  
papers

52,330  
citations

867

120  
h-index

2196

208  
g-index

495  
all docs

495  
docs citations

495  
times ranked

38600  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of cell wall synthesis inhibitors active against <i>Mycobacterium tuberculosis</i> by competitive activity-based protein profiling. <i>Cell Chemical Biology</i> , 2022, 29, 883-896.e5.	2.5	20
2	Global profiling of phosphorylation-dependent changes in cysteine reactivity. <i>Nature Methods</i> , 2022, 19, 341-352.	9.0	27
3	Inhibitory Neurotransmission Is Sex-Dependently Affected by Tat Expression in Transgenic Mice and Suppressed by the Fatty Acid Amide Hydrolase Enzyme Inhibitor PF3845 via Cannabinoid Type-1 Receptor Mechanisms. <i>Cells</i> , 2022, 11, 857.	1.8	8
4	Broad-range metalloprotease profiling in plants uncovers immunity provided by defence-related metalloenzyme. <i>New Phytologist</i> , 2022, 235, 1287-1301.	3.5	3
5	A novel monoacylglycerol lipase-targeted 18F-labeled probe for positron emission tomography imaging of brown adipose tissue in the energy network. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 3002-3010.	2.8	2
6	In situ identification of cellular drug targets in mammalian tissue. <i>Cell</i> , 2022, 185, 1793-1805.e17.	13.5	28
7	Stereochemical diversity as a source of discovery in chemical biology. <i>Current Research in Chemical Biology</i> , 2022, 2, 100028.	1.4	21
8	LPCAT3 Inhibitors Remodel the Polyunsaturated Phospholipid Content of Human Cells and Protect from Ferroptosis. <i>ACS Chemical Biology</i> , 2022, 17, 1607-1618.	1.6	51
9	Hippo pathway regulation by phosphatidylinositol transfer protein and phosphoinositides. <i>Nature Chemical Biology</i> , 2022, 18, 1076-1086.	3.9	12
10	Accelerated lysine metabolism conveys kidney protection in salt-sensitive hypertension. <i>Nature Communications</i> , 2022, 13, .	5.8	18
11	Sex-dependent effects of endocannabinoid modulation of conditioned fear extinction in rats. <i>British Journal of Pharmacology</i> , 2021, 178, 983-996.	2.7	45
12	Profiling of MicroRNA Targets Using Activity-Based Protein Profiling: Linking Enzyme Activity to MicroRNA-185 Function. <i>Cell Chemical Biology</i> , 2021, 28, 202-212.e6.	2.5	9
13	SPIN4 Is a Principal Endogenous Substrate of the E3 Ubiquitin Ligase DCAF16. <i>Biochemistry</i> , 2021, 60, 637-642.	1.2	7
14	An abundant biliary metabolite derived from dietary omega-3 polyunsaturated fatty acids regulates triglycerides. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	18
15	Chemical proteomic identification of functional cysteines with atypical electrophile reactivities. <i>Tetrahedron Letters</i> , 2021, 67, 152861.	0.7	6
16	DCAF11 Supports Targeted Protein Degradation by Electrophilic Proteolysis-Targeting Chimeras. <i>Journal of the American Chemical Society</i> , 2021, 143, 5141-5149.	6.6	86
17	Immunoediting role for major vault protein in apoptotic signaling induced by bacterial <i>N</i> -acyl homoserine lactones. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	11
18	Chemical Inhibition of ENL/AF9 YEATS Domains in Acute Leukemia. <i>ACS Central Science</i> , 2021, 7, 815-830.	5.3	46

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19	ABHD17 regulation of plasma membrane palmitoylation and N-Ras-dependent cancer growth. <i>Nature Chemical Biology</i> , 2021, 17, 856-864.	3.9	49
20	Functionalized Scout Fragments for Site-Specific Covalent Ligand Discovery and Optimization. <i>ACS Central Science</i> , 2021, 7, 613-623.	5.3	27
21	Selective inhibition of monoacylglycerol lipase is associated with passive coping behavior and attenuation of stress-induced dopamine release in the medial prefrontal cortex. <i>Neurobiology of Stress</i> , 2021, 14, 100293.	1.9	5
22	Development of a highly-specific 18F-labeled irreversible positron emission tomography tracer for monoacylglycerol lipase mapping. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 1686-1695.	5.7	10
23	Refinement of covalent EGFR inhibitor AZD9291 to eliminate off-target activity. <i>Tetrahedron Letters</i> , 2021, 74, 153178.	0.7	3
24	Multiplexed proteomic profiling of cysteine reactivity and ligandability in human T cells. <i>STAR Protocols</i> , 2021, 2, 100458.	0.5	5
25	Diacylglycerol Lipase-1 <sup>2</sup> Knockout Mice Display a Sex-Dependent Attenuation of Traumatic Brain Injury-Induced Mortality with No Impact on Memory or Other Functional Consequences. <i>Cannabis and Cannabinoid Research</i> , 2021, 6, 508-521.	1.5	3
26	GPR18 drives FAAH inhibition-induced neuroprotection against HIV-1 Tat-induced neurodegeneration. <i>Experimental Neurology</i> , 2021, 341, 113699.	2.0	15
27	Monoacylglycerol Lipase Inhibitor MJN110 Reduces Neuronal Hyperexcitability, Restores Dendritic Arborization Complexity, and Regulates Reward-Related Behavior in Presence of HIV-1 Tat. <i>Frontiers in Neurology</i> , 2021, 12, 651272.	1.1	8
28	CIMAGE2.0: An Expanded Tool for Quantitative Analysis of Activity-Based Protein Profiling (ABPP) Data. <i>Journal of Proteome Research</i> , 2021, 20, 4893-4900.	1.8	18
29	Novel Reversible-Binding PET Ligands for Imaging Monoacylglycerol Lipase Based on the Piperazinyl Azetidine Scaffold. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 14283-14298.	2.9	9
30	A proteome-wide atlas of lysine-reactive chemistry. <i>Nature Chemistry</i> , 2021, 13, 1081-1092.	6.6	107
31	Potential of amyloid beta phagocytosis and amelioration of synaptic dysfunction upon FAAH deletion in a mouse model of Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2021, 18, 223.	3.1	11
32	Reimagining high-throughput profiling of reactive cysteines for cell-based screening of large electrophile libraries. <i>Nature Biotechnology</i> , 2021, 39, 630-641.	9.4	142
33	Positron Emission Tomography Imaging of the Endocannabinoid System: Opportunities and Challenges in Radiotracer Development. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 123-149.	2.9	33
34	Chemical proteomic analysis of palmostatin beta-lactone analogs that affect N-Ras palmitoylation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 53, 128414.	1.0	2
35	Phospholipase C <sup>3</sup> 2 regulates endocannabinoid and eicosanoid networks in innate immune cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	15
36	Targeting glioblastoma signaling and metabolism with a re-purposed brain-penetrant drug. <i>Cell Reports</i> , 2021, 37, 109957.	2.9	38

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37	Prolyl endopeptidase-like is a (thio)esterase involved in mitochondrial respiratory chain function. <i>IScience</i> , 2021, 24, 103460.	1.9	8
38	The novel MAGL inhibitor MJN110 enhances responding to reward-predictive incentive cues by activation of CB1 receptors. <i>Neuropharmacology</i> , 2020, 162, 107814.	2.0	17
39	A Chemical Proteomic Probe for the Mitochondrial Pyruvate Carrier Complex. <i>Angewandte Chemie</i> , 2020, 132, 3924-3927.	1.6	0
40	A Chemical Proteomic Probe for the Mitochondrial Pyruvate Carrier Complex. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3896-3899.	7.2	10
41	An Activity-Guided Map of Electrophile-Cysteine Interactions in Primary Human T Cells. <i>Cell</i> , 2020, 182, 1009-1026.e29.	13.5	194
42	Parallel Murine and Human Plaque Proteomics Reveals Pathways of Plaque Rupture. <i>Circulation Research</i> , 2020, 127, 997-1022.	2.0	17
43	ABHD4-dependent developmental anoikis safeguards the embryonic brain. <i>Nature Communications</i> , 2020, 11, 4363.	5.8	13
44	Physical and Functional Analysis of the Putative Rpn13 Inhibitor RA190. <i>Cell Chemical Biology</i> , 2020, 27, 1371-1382.e6.	2.5	16
45	ABHD12 and LPCAT3 Interplay Regulates a Lyso-phosphatidylserine-C20:4 Phosphatidylserine Lipid Network Implicated in Neurological Disease. <i>Biochemistry</i> , 2020, 59, 1793-1799.	1.2	16
46	Discovery of a NAPE-PLD inhibitor that modulates emotional behavior in mice. <i>Nature Chemical Biology</i> , 2020, 16, 667-675.	3.9	53
47	Inhibition of monoacylglycerol lipase reduces nicotine reward in the conditioned place preference test in male mice. <i>Neuropharmacology</i> , 2020, 176, 108170.	2.0	8
48	Genetic disruption of N-RasG12D palmitoylation perturbs hematopoiesis and prevents myeloid transformation in mice. <i>Blood</i> , 2020, 135, 1772-1782.	0.6	18
49	Single-Cell Profiling and SCOPE-Seq Reveal Lineage Dynamics of Adult Ventricular-Subventricular Zone Neurogenesis and NOTUM as a Key Regulator. <i>Cell Reports</i> , 2020, 31, 107805.	2.9	44
50	Three-dimensional bioprinted glioblastoma microenvironments model cellular dependencies and immune interactions. <i>Cell Research</i> , 2020, 30, 833-853.	5.7	149
51	Discovery of small-molecule enzyme activators by activity-based protein profiling. <i>Nature Chemical Biology</i> , 2020, 16, 997-1005.	3.9	31
52	Cell-Based Ligand Discovery for the ENL YEATS Domain. <i>ACS Chemical Biology</i> , 2020, 15, 895-903.	1.6	28
53	3-Oxo- $\beta$ -sultam as a Sulfonylating Chemotype for Inhibition of Serine Hydrolases and Activity-Based Protein Profiling. <i>ACS Chemical Biology</i> , 2020, 15, 878-883.	1.6	11
54	Blockade of the Lysophosphatidylserine Lipase ABHD12 Potentiates Ferroptosis in Cancer Cells. <i>ACS Chemical Biology</i> , 2020, 15, 871-877.	1.6	25

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55	A masked zinger to block GPX4. <i>Nature Chemical Biology</i> , 2020, 16, 482-483.	3.9	6
56	AIG1 and ADTRP are endogenous hydrolases of fatty acid esters of hydroxy fatty acids (FAHFAs) in mice. <i>Journal of Biological Chemistry</i> , 2020, 295, 5891-5905.	1.6	26
57	Integrative X-ray Structure and Molecular Modeling for the Rationalization of Procaspace-8 Inhibitor Potency and Selectivity. <i>ACS Chemical Biology</i> , 2020, 15, 575-586.	1.6	5
58	2-Sulfonylpyridines as Tunable, Cysteine-Reactive Electrophiles. <i>Journal of the American Chemical Society</i> , 2020, 142, 8972-8979.	6.6	64
59	Endocannabinoid regulation of homeostatic feeding and stress-induced alterations in food intake in male rats. <i>British Journal of Pharmacology</i> , 2019, 176, 1524-1540.	2.7	20
60	Inhibitory Control Deficits Associated with Upregulation of CB1R in the HIV-1 Tat Transgenic Mouse Model of Hand. <i>Journal of Neuroimmune Pharmacology</i> , 2019, 14, 661-678.	2.1	20
61	Notum produced by Paneth cells attenuates regeneration of aged intestinal epithelium. <i>Nature</i> , 2019, 571, 398-402.	13.7	166
62	Oncogene Amplification in Growth Factor Signaling Pathways Renders Cancers Dependent on Membrane Lipid Remodeling. <i>Cell Metabolism</i> , 2019, 30, 525-538.e8.	7.2	130
63	Expedited mapping of the ligandable proteome using fully functionalized enantiomeric probe pairs. <i>Nature Chemistry</i> , 2019, 11, 1113-1123.	6.6	93
64	Design, Synthesis, and Evaluation of <sup>18</sup> F-Labeled Monoacylglycerol Lipase Inhibitors as Novel Positron Emission Tomography Probes. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 8866-8872.	2.9	22
65	The Scripps Molecular Screening Center and Translational Research Institute. <i>SLAS Discovery</i> , 2019, 24, 386-397.	1.4	15
66	Global Portrait of Protein Targets of Metabolites of the Neurotoxic Compound BIA 10-2474. <i>ACS Chemical Biology</i> , 2019, 14, 192-197.	1.6	40
67	Deficiency of Monoacylglycerol Lipase Enhances IgM Plasma Levels and Limits Atherogenesis in a CB2-Dependent Manner. <i>Thrombosis and Haemostasis</i> , 2019, 119, 348-351.	1.8	9
68	Discovery and Optimization of Selective and in Vivo Active Inhibitors of the Lysophosphatidylserine Lipase $\beta$ / $\gamma$ -Hydrolase Domain-Containing 12 (ABHD12). <i>Journal of Medicinal Chemistry</i> , 2019, 62, 1643-1656.	2.9	27
69	Diacylglycerol Lipase-Alpha Regulates Hippocampal-Dependent Learning and Memory Processes in Mice. <i>Journal of Neuroscience</i> , 2019, 39, 5949-5965.	1.7	19
70	Electrophilic PROTACs that degrade nuclear proteins by engaging DCAF16. <i>Nature Chemical Biology</i> , 2019, 15, 737-746.	3.9	282
71	The Proteome-Wide Potential for Reversible Covalency at Cysteine. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11385-11389.	7.2	36
72	The Proteome-Wide Potential for Reversible Covalency at Cysteine. <i>Angewandte Chemie</i> , 2019, 131, 11507-11511.	1.6	7

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73	Dimethyl Fumarate Disrupts Human Innate Immune Signaling by Targeting the IRAK4-MyD88 Complex. <i>Journal of Immunology</i> , 2019, 202, 2737-2746.	0.4	43
74	Design, Synthesis, and Evaluation of Reversible and Irreversible Monoacylglycerol Lipase Positron Emission Tomography (PET) Tracers Using a Tail Switching Strategy on a Piperazinyl Azetidine Skeleton. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 3336-3353.	2.9	28
75	Pharmacological convergence reveals a lipid pathway that regulates <i>C. elegans</i> lifespan. <i>Nature Chemical Biology</i> , 2019, 15, 453-462.	3.9	35
76	A Pan-ALDH1A Inhibitor Induces Necroptosis in Ovarian Cancer Stem-like Cells. <i>Cell Reports</i> , 2019, 26, 3061-3075.e6.	2.9	108
77	N-Acyl pyrazoles: Effective and tunable inhibitors of serine hydrolases. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 1693-1703.	1.4	18
78	N-acyl taurines are endogenous lipid messengers that improve glucose homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24770-24778.	3.3	25
79	PGRMC2 is an intracellular haem chaperone critical for adipocyte function. <i>Nature</i> , 2019, 576, 138-142.	13.7	96
80	Ethanol-induced alterations in endocannabinoids and relevant neurotransmitters in the nucleus accumbens of fatty acid amide hydrolase knockout mice. <i>Addiction Biology</i> , 2019, 24, 1204-1215.	1.4	13
81	Inhibition of Protein Secretion in <i>Escherichia coli</i> and Sub-MIC Effects of Arylomycin Antibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	15
82	Inhibition of monoacylglycerol lipase, an anti-inflammatory and antifibrogenic strategy in the liver. <i>Gut</i> , 2019, 68, 522-532.	6.1	59
83	In Vitro and in Vivo Evaluation of <sup>11</sup> C-Labeled Azetidinecarboxylates for Imaging Monoacylglycerol Lipase by PET Imaging Studies. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 2278-2291.	2.9	41
84	Covalent inhibitors of nicotinamide N-methyltransferase (NNMT) provide evidence for target engagement challenges in situ. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2682-2687.	1.0	21
85	How many human proteoforms are there?. <i>Nature Chemical Biology</i> , 2018, 14, 206-214.	3.9	580
86	Proteome-wide mapping of PQS-interacting proteins in <i>Pseudomonas aeruginosa</i> . <i>Chemical Science</i> , 2018, 9, 2290-2294.	3.7	26
87	Functional Contribution of the Spastic Paraplegia-Related Triglyceride Hydrolase DDHD2 to the Formation and Content of Lipid Droplets. <i>Biochemistry</i> , 2018, 57, 827-838.	1.2	41
88	Inverse Drug Discovery Strategy To Identify Proteins That Are Targeted by Latent Electrophiles As Exemplified by Aryl Fluorosulfates. <i>Journal of the American Chemical Society</i> , 2018, 140, 200-210.	6.6	206
89	Chemistry Takes Center Stage for Identifying Cancer Targetability. <i>Cell</i> , 2018, 173, 815-817.	13.5	2
90	Monoacylglycerol Lipase Inhibitors Reverse Paclitaxel-Induced Nociceptive Behavior and Proinflammatory Markers in a Mouse Model of Chemotherapy-Induced Neuropathy. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 366, 169-183.	1.3	57

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91	Evaluation of different drug classes on transient sciatic nerve injuryâ€“depressed marble burying in mice. <i>Pain</i> , 2018, 159, 1155-1165.	2.0	16
92	Stress Promotes Drug Seeking Through Glucocorticoid-Dependent Endocannabinoid Mobilization in the Prelimbic Cortex. <i>Biological Psychiatry</i> , 2018, 84, 85-94.	0.7	48
93	Fatty acid amide hydrolase (FAAH) inactivation confers enhanced sensitivity to nicotineâ€“induced dopamine release in the mouse nucleus accumbens. <i>Addiction Biology</i> , 2018, 23, 723-734.	1.4	16
94	Selective blockade of the lyso-PS lipase ABHD12 stimulates immune responses in vivo. <i>Nature Chemical Biology</i> , 2018, 14, 1099-1108.	3.9	55
95	The Spastic Paraplegia-Associated Phospholipase DDHD1 Is a Primary Brain Phosphatidylinositol Lipase. <i>Biochemistry</i> , 2018, 57, 5759-5767.	1.2	22
96	Role of interleukin 1-beta in the inflammatory response in a fatty acid amide hydrolase-knockout mouse model of Alzheimerâ€™s disease. <i>Biochemical Pharmacology</i> , 2018, 157, 202-209.	2.0	11
97	Re-examining the potential of targeting ABHD6 in multiple sclerosis: Efficacy of systemic and peripherally restricted inhibitors in experimental autoimmune encephalomyelitis. <i>Neuropharmacology</i> , 2018, 141, 181-191.	2.0	22
98	Deficient endocannabinoid signaling in the central amygdala contributes to alcohol dependence-related anxiety-like behavior and excessive alcohol intake. <i>Neuropsychopharmacology</i> , 2018, 43, 1840-1850.	2.8	58
99	Selective Irreversible Inhibitors of the Wnt-Deacylating Enzyme NOTUM Developed by Activity-Based Protein Profiling. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 563-568.	1.3	39
100	Deregulation of the endocannabinoid system and therapeutic potential of ABHD6 blockade in the cuprizone model of demyelination. <i>Biochemical Pharmacology</i> , 2018, 157, 189-201.	2.0	33
101	Discovery of Modulators of Adipocyte Physiology Using Fully Functionalized Fragments. <i>Methods in Molecular Biology</i> , 2018, 1787, 115-127.	0.4	5
102	Neuroprotective effects of fatty acid amide hydrolase catabolic enzyme inhibition in a HIV-1 Tat model of neuroAIDS. <i>Neuropharmacology</i> , 2018, 141, 55-65.	2.0	27
103	PLD3 and PLD4 are single-stranded acid exonucleases that regulate endosomal nucleic-acid sensing. <i>Nature Immunology</i> , 2018, 19, 942-953.	7.0	88
104	Direct Access to Versatile Electrophiles via Catalytic Oxidative Cyanation of Alkenes. <i>Journal of the American Chemical Society</i> , 2018, 140, 8069-8073.	6.6	57
105	Translation attenuation by minocycline enhances longevity and proteostasis in old post-stress-responsive organisms. <i>ELife</i> , 2018, 7, .	2.8	43
106	Discovery of Reactive Microbiota-Derived Metabolites that Inhibit Host Proteases. <i>Cell</i> , 2017, 168, 517-526.e18.	13.5	173
107	Ligand and Target Discovery by Fragment-Based Screening in Human Cells. <i>Cell</i> , 2017, 168, 527-541.e29.	13.5	330
108	A Screen for Proteinâ€“Protein Interactions in Live Mycobacteria Reveals a Functional Link between the Virulence-Associated Lipid Transporter LprG and the Mycolyltransferase Antigen 85A. <i>ACS Infectious Diseases</i> , 2017, 3, 336-348.	1.8	23

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109	Design of Benzothiazin-3-one 1,1-Dioxides as a New Class of Irreversible Serine Hydrolase Inhibitors: Discovery of a Uniquely Selective PNPLA4 Inhibitor. <i>Journal of the American Chemical Society</i> , 2017, 139, 7052-7061.	6.6	25
110	Quantitative Chemical Proteomic Profiling of the <i>in Vivo</i> Targets of Reactive Drug Metabolites. <i>ACS Chemical Biology</i> , 2017, 12, 2040-2050.	1.6	34
111	Activity-based protein profiling reveals off-target proteins of the FAAH inhibitor BIA 10-2474. <i>Science</i> , 2017, 356, 1084-1087.	6.0	251
112	Inflammation of peripheral tissues and injury to peripheral nerves induce differing effects in the expression of the calcium-sensitive N-acetylcholinesterase synthesizing enzyme and related molecules in rat primary sensory neurons. <i>Journal of Comparative Neurology</i> , 2017, 525, 1778-1796.	0.9	14
113	Covalent Modulators of the Vacuolar ATPase. <i>Journal of the American Chemical Society</i> , 2017, 139, 639-642.	6.6	39
114	Triazole Ureas Act as Diacylglycerol Lipase Inhibitors and Prevent Fasting-Induced Refeeding. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 428-440.	2.9	30
115	Investigation of Diacylglycerol Lipase Alpha Inhibition in the Mouse Lipopolysaccharide Inflammatory Pain Model. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 363, 394-401.	1.3	24
116	Omega-3 fatty acid epoxides are autocrine mediators that control the magnitude of IgE-mediated mast cell activation. <i>Nature Medicine</i> , 2017, 23, 1287-1297.	15.2	48
117	Chemical Proteomics Identifies Druggable Vulnerabilities in a Genetically Defined Cancer. <i>Cell</i> , 2017, 171, 696-709.e23.	13.5	204
118	Proteome-wide Map of Targets of T790M-EGFR-Directed Covalent Inhibitors. <i>Cell Chemical Biology</i> , 2017, 24, 1388-1400.e7.	2.5	77
119	Mapping Protein Targets of Bioactive Small Molecules Using Lipid-Based Chemical Proteomics. <i>ACS Chemical Biology</i> , 2017, 12, 2671-2681.	1.6	25
120	Peptide probes detect misfolded transthyretin oligomers in plasma of hereditary amyloidosis patients. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	44
121	Global profiling of lysine reactivity and ligandability in the human proteome. <i>Nature Chemistry</i> , 2017, 9, 1181-1190.	6.6	319
122	Chemical Proteomics Identifies SLC25A20 as a Functional Target of the Ingenol Class of Actinic Keratosis Drugs. <i>ACS Central Science</i> , 2017, 3, 1276-1285.	5.3	47
123	Regulation of calcium release from the endoplasmic reticulum by the serine hydrolase ABHD2. <i>Biochemical and Biophysical Research Communications</i> , 2017, 490, 1226-1231.	1.0	10
124	Inhibition of the endocannabinoid-regulating enzyme monoacylglycerol lipase elicits a CB1 receptor-mediated discriminative stimulus in mice. <i>Neuropharmacology</i> , 2017, 125, 80-86.	2.0	12
125	Chemoproteomic profiling and discovery of protein electrophiles in human cells. <i>Nature Chemistry</i> , 2017, 9, 234-243.	6.6	68
126	Mice lacking lipid droplet-associated hydrolase, a gene linked to human prostate cancer, have normal cholesterol ester metabolism. <i>Journal of Lipid Research</i> , 2017, 58, 226-235.	2.0	16



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127	The endocannabinoid hydrolysis inhibitor SA-57: Intrinsic antinociceptive effects, augmented morphine-induced antinociception, and attenuated heroin seeking behavior in mice. <i>Neuropharmacology</i> , 2017, 114, 156-167.	2.0	64
128	Multicomponent mapping of boron chemotypes furnishes selective enzyme inhibitors. <i>Nature Communications</i> , 2017, 8, 1760.	5.8	30
129	A calcium-dependent acyltransferase that produces N-acyl phosphatidylethanolamines. <i>Nature Chemical Biology</i> , 2016, 12, 669-671.	3.9	98
130	Neuronal and Astrocytic Monoacylglycerol Lipase Limit the Spread of Endocannabinoid Signaling in the Cerebellum. <i>ENeuro</i> , 2016, 3, ENEURO.0048-16.2016.	0.9	19
131	Paracrine Induction of HIF by Glutamate in Breast Cancer: EglN1 Senses Cysteine. <i>Cell</i> , 2016, 166, 126-139.	13.5	187
132	Role of the satiety factor oleoylethanolamide in alcoholism. <i>Addiction Biology</i> , 2016, 21, 859-872.	1.4	58
133	Metabolically Labile Fumarate Esters Impart Kinetic Selectivity to Irreversible Inhibitors. <i>Journal of the American Chemical Society</i> , 2016, 138, 15841-15844.	6.6	36
134	Discriminative Stimulus Properties of the Endocannabinoid Catabolic Enzyme Inhibitor SA-57 in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 358, 306-314.	1.3	4
135	Arylfluorosulfates Inactivate Intracellular Lipid Binding Protein(s) through Chemoselective SuFEx Reaction with a Binding Site Tyr Residue. <i>Journal of the American Chemical Society</i> , 2016, 138, 7353-7364.	6.6	212
136	Discovery of Enzymatic Targets of Transcriptional Activators via <i>in Vivo</i> Covalent Chemical Capture. <i>Journal of the American Chemical Society</i> , 2016, 138, 12629-12635.	6.6	22
137	An LXR-Cholesterol Axis Creates a Metabolic Co-Dependency for Brain Cancers. <i>Cancer Cell</i> , 2016, 30, 683-693.	7.7	237
138	Elevation of 2-AG by monoacylglycerol lipase inhibition in the visceral insular cortex interferes with anticipatory nausea in a rat model. <i>Behavioral Neuroscience</i> , 2016, 130, 261-266.	0.6	10
139	Chemical Proteomic Profiling of Human Methyltransferases. <i>Journal of the American Chemical Society</i> , 2016, 138, 13335-13343.	6.6	79
140	Robust anti-nociceptive effects of monoacylglycerol lipase inhibition in a model of osteoarthritis pain. <i>British Journal of Pharmacology</i> , 2016, 173, 3134-3144.	2.7	25
141	Branched Fatty Acid Esters of Hydroxy Fatty Acids Are Preferred Substrates of the MODY8 Protein Carboxyl Ester Lipase. <i>Biochemistry</i> , 2016, 55, 4636-4641.	1.2	54
142	An in vivo multiplexed small-molecule screening platform. <i>Nature Methods</i> , 2016, 13, 883-889.	9.0	57
143	Coordinated regulation of endocannabinoid-mediated retrograde synaptic suppression in the cerebellum by neuronal and astrocytic monoacylglycerol lipase. <i>Scientific Reports</i> , 2016, 6, 35829.	1.6	15
144	Chemical proteomic map of dimethyl fumarate-sensitive cysteines in primary human T cells. <i>Science Signaling</i> , 2016, 9, rs10.	1.6	141

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