Edward W Tate

List of Publications by Year
in descending order

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181 papers	8,404 citations	50276 46 h-index	64796 79 g-index
224 all docs	224 docs citations	224 times ranked	8878 citing authors

#	Article	IF	Citations
1	FSP1 is a glutathione-independent ferroptosis suppressor. Nature, 2019, 575, 693-698.	27.8	1,624
2	Protein myristoylation in health and disease. Journal of Chemical Biology, 2010, 3, 19-35.	2.2	208
3	Global profiling of co- and post-translationally N-myristoylated proteomes in human cells. Nature Communications, 2014, 5, 4919.	12.8	199
4	Validation of N-myristoyltransferase as an antimalarial drug target using an integrated chemical biology approach. Nature Chemistry, 2014, 6, 112-121.	13.6	196
5	Antibodyâ€“PROTAC Conjugates Enable HER2-Dependent Targeted Protein Degradation of BRD4. ACS Chemical Biology, 2020, 15, 1306-1312.	3.4	165
6	Activity-based probes: discovering new biology and new drug targets. Chemical Society Reviews, 2011, 40, 246-257.	38.1	157
7	Chemical and biomimetic total syntheses of natural and engineered MCoTI cyclotides. Organic and Biomolecular Chemistry, 2008, 6, 1462.	2.8	148
8	N-Myristoyl transferase-mediated protein labelling in vivo. Organic and Biomolecular Chemistry, 2008, 6, 2308.	2.8	128
9	Potent Inhibitors of Î²-Tryptase and Human Leukocyte Elastase Based on the MCoTI-II Scaffold. Journal of Medicinal Chemistry, 2009, 52, 6197-6200.	6.4	126
10	Genome-wide Functional Analysis of Plasmodium Protein Phosphatases Reveals Key Regulators of Parasite Development and Differentiation. Cell Host and Microbe, 2014, 16, 128-140.	11.0	122
11	Dynamic Protein Acylation: New Substrates, Mechanisms, and Drug Targets. Trends in Biochemical Sciences, 2017, 42, 566-581.	7.5	113
12	N-Myristoyltransferase from Leishmania donovani: Structural and Functional Characterisation of a Potential Drug Target for Visceral Leishmaniasis. Journal of Molecular Biology, 2010, 396, 985-999.	4.2	98
13	Fragment-derived inhibitors of human N-myristoyltransferase block capsid assembly and replication of the common cold virus. Nature Chemistry, 2018, 10, 599-606.	13.6	96
14	Multifunctional protein labeling via enzymatic N-terminal tagging and elaboration by click chemistry. Nature Protocols, 2012, 7, 105-117.	12.0	93
15	Global profiling of protein lipidation using chemical proteomic technologies. Current Opinion in Chemical Biology, 2015, 24, 48-57.	6.1	90
16	Global Analysis of Protein N-Myristoylation and Exploration of N-Myristoyltransferase as a Drug Target in the Neglected Human Pathogen Leishmania donovani. Chemistry and Biology, 2015, 22, 342-354.	6.0	90
17	Multifunctional Reagents for Quantitative Proteomeâ€Wide Analysis of Protein Modification in Human Cells and Dynamic Profiling of Protein Lipidation During Vertebrate Development. Angewandte Chemie - International Edition, 2015, 54, 5948-5951.	13.8	81
18	A caged E3 ligase ligand for PROTAC-mediated protein degradation with light. Chemical Communications, 2020, 56, 5532-5535.	4.1	81

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19	Dual chemical probes enable quantitative system-wide analysis of protein prenylation and prenylation dynamics. Nature Chemistry, 2019, 11, 552-561.	13.6	80
20	Selective Inhibitors of Protozoan Protein N-myristoyltransferases as Starting Points for Tropical Disease Medicinal Chemistry Programs. PLoS Neglected Tropical Diseases, 2012, 6, e1625.	3.0	79
21	Site-specific N-terminal labelling of proteinsin vitro and in vivo using N-myristoyl transferase and bioorthogonal ligation chemistry. Chemical Communications, 2008, , 480-482.	4.1	78
22	Bioorthogonal chemical tagging of protein cholesterylation in living cells. Chemical Communications, 2011, 47, 4081.	4.1	78
23	Comparing experimental and computational alanine scanning techniques for probing a prototypical proteinâ€“protein interaction. Protein Engineering, Design and Selection, 2011, 24, 197-207.	2.1	73
24	Activity- and reactivity-based proteomics: Recent technological advances and applications in drug discovery. Current Opinion in Chemical Biology, 2021, 60, 20-29.	6.1	72
25	A fluorescence-based assay for N-myristoyltransferase activity. Analytical Biochemistry, 2012, 421, 342-344.	2.4	69
26	Discovery of Plasmodium vivaxN-Myristoyltransferase Inhibitors: Screening, Synthesis, and Structural Characterization of their Binding Mode. Journal of Medicinal Chemistry, 2012, 55, 3578-3582.	6.4	65
27	N-Myristoyltransferase as a potential drug target in malaria and leishmaniasis. Parasitology, 2014, 141, 37-49.	1.5	64
28	Design and Synthesis of High Affinity Inhibitors of Plasmodium falciparum and Plasmodium vivax N-Myristoyltransferases Directed by Ligand Efficiency Dependent Lipophilicity (LELP). Journal of Medicinal Chemistry, 2014, 57, 2773-2788.	6.4	63
29	Quantitative Chemical Proteomic Profiling of Ubiquitin Specific Proteases in Intact Cancer Cells. ACS Chemical Biology, 2016, 11, 3268-3272.	3.4	62
30	Molecules incorporating a benzothiazole core scaffold inhibit the N-myristoyltransferase of Plasmodium falciparum. Biochemical Journal, 2007, 408, 173-180.	3.7	61
31	Nâ€Myristoyltransferase: a Prospective Drug Target for Protozoan Parasites. ChemMedChem, 2008, 3, 402-408.	3.2	60
32	Systems Analysis of Protein Fatty Acylation in Herpes Simplex Virus-Infected Cells Using Chemical Proteomics. Chemistry and Biology, 2015, 22, 1008-1017.	6.0	60
33	N-Myristoyltransferase Inhibition Induces ER-Stress, Cell Cycle Arrest, and Apoptosis in Cancer Cells. ACS Chemical Biology, 2016, 11, 2165-2176.	3.4	60
34	Highâ€Throughput Kinetic Analysis for Targetâ€Directed Covalent Ligand Discovery. Angewandte Chemie - International Edition, 2018, 57, 5257-5261.	13.8	59
35	Discovery of Novel and Ligand-Efficient Inhibitors of Plasmodium falciparum and Plasmodium vivaxN-Myristoyltransferase. Journal of Medicinal Chemistry, 2013, 56, 371-375.	6.4	58
36	High-resolution snapshots of human N-myristoyltransferase in action illuminate a mechanism promoting N-terminal Lys and Gly myristoylation. Nature Communications, 2020, 11, 1132.	12.8	58

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37	AWZ1066S, a highly specific anti- Wolbachia drug candidate for a short-course treatment of filariasis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 1414-1419.	7.1	57
38	Design and Synthesis of Inhibitors of Plasmodium falciparumN-Myristoyltransferase, A Promising Target for Antimalarial Drug Discovery. Journal of Medicinal Chemistry, 2012, 55, 8879-8890.	6.4	56
39	Structure-Based Design of Potent and Selective Leishmania N-Myristoyltransferase Inhibitors. Journal of Medicinal Chemistry, 2014, 57, 8664-8670.	6.4	56
40	Global Profiling of Huntingtin-associated protein E (HYPE)-Mediated AMPylation through a Chemical Proteomic Approach. Molecular and Cellular Proteomics, 2016, 15, 715-725.	3.8	56
41	Total synthesis of the macrocyclic cysteine knot microprotein MCoTI-II. Chemical Communications, 2006, , 2848.	4.1	55
42	Chemical Probes of Surface Layer Biogenesis in Clostridium difficile. ACS Chemical Biology, 2010, 5, 279-285.	3.4	55
43	Topological Analysis of Hedgehog Acyltransferase, a Multipalmitoylated Transmembrane Protein. Journal of Biological Chemistry, 2015, 290, 3293-3307.	3.4	54
44	Diastereoselective oxygen to carbon rearrangements of anomerically linked enol ethers and the total synthesis of (+)-(S,Sâ€Š)-(cis-6-methyltetrahydropyran-2-yl)acetic acid, a component of civet. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 2385-2394.	1.3	52
45	Roles of Cysteine Proteases Cwp84 and Cwp13 in Biogenesis of the Cell Wall of Clostridium difficile. Journal of Bacteriology, 2011, 193, 3276-3285.	2.2	51
46	Unique apicomplexan IMC sub-compartment proteins are early markers for apical polarity in the malaria parasite. Biology Open, 2013, 2, 1160-1170.	1.2	51
47	Global Profiling and Inhibition of Protein Lipidation in Vector and Host Stages of the Sleeping Sickness Parasite Trypanosoma brucei. ACS Infectious Diseases, 2016, 2, 427-441.	3.8	51
48	Discovery of a Potent and Selective Covalent Inhibitor and Activity-Based Probe for the Deubiquitylating Enzyme UCHL1, with Antifibrotic Activity. Journal of the American Chemical Society, 2020, 142, 12020-12026.	13.7	51
49	Getting a chemical handle on proteinpost-translational modification. Organic and Biomolecular Chemistry, 2010, 8, 731-738.	2.8	49
50	Rapid Multilabel Detection of Geranylgeranylated Proteins by Using Bioorthogonal Ligation Chemistry. ChemBioChem, 2010, 11, 771-773.	2.6	48
51	Crystal Structure of the Human, FIC-Domain Containing Protein HYPE and Implications for Its Functions. Structure, 2014, 22, 1831-1843.	3.3	48
52	Immobilized Protease-Assisted Synthesis of Engineered Cysteine-Knot Microproteins. ChemBioChem, 2007, 8, 1107-1109.	2.6	46
53	Organic Solvent Nanofiltration: A New Paradigm in Peptide Synthesis. Organic Process Research and Development, 2010, 14, 1313-1325.	2.7	45
54	Crystal Structures of Stapled and Hydrogen Bond Surrogate Peptides Targeting a Fully Buried Proteinâ€“Helix Interaction. ACS Chemical Biology, 2014, 9, 2204-2209.	3.4	43

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55	Characterization of Hedgehog Acyltransferase Inhibitors Identifies a Small Molecule Probe for Hedgehog Signaling by Cancer Cells. ACS Chemical Biology, 2016, 11, 3256-3262.	3.4	43
56	A short formal route to (Â±)-lepadin B using a xanthate-mediated free radical cyclisation/vinylation sequenceElectronic supplementary information (ESI) available: experimental and characterisation data for the transformation of 13 and 14. See http://www.rsc.org/suppdata/cc/b2/b203604e/. Chemical Communications, 2002, , 1430-1431.	4.1	42
57	Membrane enhanced peptide synthesis. Chemical Communications, 2010, 46, 2808.	4.1	42
58	Legionella pneumophila Effector LpdA Is a Palmitoylated Phospholipase D Virulence Factor. Infection and Immunity, 2015, 83, 3989-4002.	2.2	42
59	Quantitative Lipoproteomics in Clostridium difficile Reveals a Role for Lipoproteins in Sporulation. Chemistry and Biology, 2015, 22, 1562-1573.	6.0	42
60	Diverse modes of binding in structures ofLeishmania majorN-myristoyltransferase with selective inhibitors. IUCrJ, 2014, 1, 250-260.	2.2	38
61	New chemical probes targeting cholesterylation of Sonic Hedgehog in human cells and zebrafish. Chemical Science, 2014, 5, 4249-4259.	7.4	37
62	Membrane bound O-acyltransferases and their inhibitors. Biochemical Society Transactions, 2015, 43, 246-252.	3.4	37
63	N-Myristoylation as a Drug Target in Malaria: Exploring the Role of N-Myristoyltransferase Substrates in the Inhibitor Mode of Action. ACS Infectious Diseases, 2018, 4, 449-457.	3.8	37
64	Lipid membrane curvature induced by distearoyl phosphatidylinositol 4-phosphate. Soft Matter, 2012, 8, 3090.	2.7	36
65	Pharmacological Inhibition of PARP6 Triggers Multipolar Spindle Formation and Elicits Therapeutic Effects in Breast Cancer. Cancer Research, 2018, 78, 6691-6702.	0.9	36
66	Attenuation of Hedgehog Acyltransferase-Catalyzed Sonic Hedgehog Palmitoylation Causes Reduced Signaling, Proliferation and Invasiveness of Human Carcinoma Cells. PLoS ONE, 2014, 9, e89899.	2.5	34
67	Validation and Invalidation of Chemical Probes for the Human N-myristoyltransferases. Cell Chemical Biology, 2019, 26, 892-900.e4.	5.2	33
68	Recent advances in chemical proteomics: exploring the post-translational proteome. Journal of Chemical Biology, 2008, 1, 17-26.	2.2	32
69	Bat IFITM3 restriction depends on S-palmitoylation and a polymorphic site within the CD225 domain. Life Science Alliance, 2020, 3, e201900542.	2.8	32
70	The Plasmodium Class XIV Myosin, MyoB, Has a Distinct Subcellular Location in Invasive and Motile Stages of the Malaria Parasite and an Unusual Light Chain. Journal of Biological Chemistry, 2015, 290, 12147-12164.	3.4	31
71	Creating a customized intracellular niche: subversion of host cell signaling byLegionellatype IV secretion system effectors. Canadian Journal of Microbiology, 2015, 61, 617-635.	1.7	31
72	Re-Evaluating the Mechanism of Action of Î±,Î²-Unsaturated Carbonyl DUB Inhibitors b-AP15 and VLX1570: A Paradigmatic Example of Unspecific Protein Cross-linking with Michael Acceptor Motif-Containing Drugs. Journal of Medicinal Chemistry, 2020, 63, 3756-3762.	6.4	31

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73	Peptidomimetic inhibitors ofN-myristoyltransferase from human malaria and leishmaniasis parasites. Organic and Biomolecular Chemistry, 2014, 12, 8132-8137.	2.8	30
74	Discovery of high affinity inhibitors of Leishmania donovani N-myristoyltransferase. MedChemComm, 2015, 6, 1761-1766.	3.4	30
75	Competition-based, quantitative chemical proteomics in breast cancer cells identifies new target profiles for sulforaphane. Chemical Communications, 2017, 53, 5182-5185.	4.1	30
76	Faecal neutrophil elastase-antiprotease balance reflects colitis severity. Mucosal Immunology, 2020, 13, 322-333.	6.0	29
77	Rab27a co-ordinates actin-dependent transport by controlling organelle-associated motors and track assembly proteins. Nature Communications, 2020, 11, 3495.	12.8	29
78	UCHL1 as a novel target in breast cancer: emerging insights from cell and chemical biology. British Journal of Cancer, 2022, 126, 24-33.	6.4	29
79	Efficient construction of polycyclic alkaloid synthetic precursors by a xanthate free radical addition and Mannich cyclisation cascade. Tetrahedron Letters, 2002, 43, 4683-4686.	1.4	28
80	A highly enantioselective total synthesis of (+)-goniodiol. Organic and Biomolecular Chemistry, 2006, 4, 1698.	2.8	28
81	Automated fluorescence lifetime imaging plate reader and its application to FÃ¶rster resonant energy transfer readout of Gag protein aggregation. Journal of Biophotonics, 2013, 6, 398-408.	2.3	28
82	High-yielding¹⁸F radiosynthesis of a novel oxytocin receptor tracer, a probe for nose-to-brain oxytocin uptakein vivo. Chemical Communications, 2018, 54, 8120-8123.	4.1	28
83	Ligand-Specific Factors Influencing GLP-1 Receptor Post-Endocytic Trafficking and Degradation in Pancreatic Beta Cells. International Journal of Molecular Sciences, 2020, 21, 8404.	4.1	28
84	Structure, mechanism, and inhibition of Hedgehog acyltransferase. Molecular Cell, 2021, 81, 5025-5038.e10.	9.7	28
85	A total synthesis of (+)-Goniodiol using an anomeric oxygen-to-carbon rearrangement. Journal of the Chemical Society Perkin Transactions 1, 1998, , 3125-3126.	0.9	27
86	Specific N-terminal protein labelling: use of FMDV 3Cpro protease and native chemical ligation. Chemical Communications, 2008, , 3369.	4.1	27
87	Potent and specific inhibition of the biological activity of the type-II transmembrane serine protease matriptase by the cyclic microprotein MCoTI-II. Thrombosis and Haemostasis, 2014, 112, 402-411.	3.4	27
88	Acylation-coupled lipophilic induction of polarisation (Acyl-cLIP): a universal assay for lipid transferase and hydrolase enzymes. Chemical Science, 2019, 10, 8995-9000.	7.4	27
89	Targeting STAT3 signaling using stabilised sulforaphane (SFX-01) inhibits endocrine resistant stem-like cells in ER-positive breast cancer. Oncogene, 2020, 39, 4896-4908.	5.9	27
90	A Probe for NLRP3 Inflammasome Inhibitor MCC950 Identifies Carbonic Anhydrase 2 as a Novel Target. ACS Chemical Biology, 2021, 16, 982-990.	3.4	27

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91	Interaction and dynamics of the Plasmodium falciparum MTIPâ€“MyoA complex, a key component of the invasion motor in the malaria parasite. Molecular BioSystems, 2010, 6, 494.	2.9	26
92	Target profiling of zerumbone using a novel cell-permeable clickable probe and quantitative chemical proteomics. Chemical Communications, 2015, 51, 5497-5500.	4.1	26
93	Modulation of Amide Bond Rotamers in 5-Acyl-6,7-dihydrothieno[3,2-c]pyridines. Journal of Organic Chemistry, 2015, 80, 4370-4377.	3.2	26
94	Click chemistry armed enzyme-linked immunosorbent assay to measure palmitoylation by hedgehog acyltransferase. Analytical Biochemistry, 2015, 490, 66-72.	2.4	26
95	New developments in probing and targeting protein acylation in malaria, leishmaniasis and African sleeping sickness. Parasitology, 2018, 145, 157-174.	1.5	26
96	Imaging of Chemotherapy-Induced Acute Cardiotoxicity with ¹⁸F-Labeled Lipophilic Cations. Journal of Nuclear Medicine, 2019, 60, 1750-1756.	5.0	26
97	Structure-Guided Identification of Resistance Breaking Antimalarial Nâ€‘Myristoyltransferase Inhibitors. Cell Chemical Biology, 2019, 26, 991-1000.e7.	5.2	26
98	Recent Developments in Cell Permeable Deubiquitinating Enzyme Activity-Based Probes. Frontiers in Chemistry, 2019, 7, 876.	3.6	25
99	Regulation of the Plasmodium Motor Complex. Journal of Biological Chemistry, 2012, 287, 36968-36977.	3.4	24
100	Profiling of myristoylation in Toxoplasma gondii reveals an N-myristoylated protein important for host cell penetration. ELife, 2020, 9, .	6.0	24
101	Proteome-wide analysis of protein lipidation using chemical probes: in-gel fluorescence visualization, identification and quantification of N-myristoylation, N- and S-acylation, O-cholesterylation, S-farnesylation and S-geranylgeranylation. Nature Protocols, 2021, 16, 5083-5122.	12.0	24
102	Depsipeptides Featuring a Neutral P1 Are Potent Inhibitors of Kallikrein-Related Peptidase 6 with On-Target Cellular Activity. Journal of Medicinal Chemistry, 2018, 61, 8859-8874.	6.4	23
103	A role for the vesicle-associated tubulin binding protein ARL6 (BBS3) in flagellum extension in Trypanosoma brucei. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 1178-1191.	4.1	22
104	Mouse Stbd1 is N-myristoylated and affects ER-mitochondria association and mitochondrial morphology. Journal of Cell Science, 2017, 130, 903-915.	2.0	22
105	Whole Proteome Profiling of N-Myristoyltransferase Activity and Inhibition Using Sortase A. Molecular and Cellular Proteomics, 2019, 18, 115-126.	3.8	22
106	Activity Based Chemical Proteomics: Profiling Proteases as Drug Targets. Current Drug Discovery Technologies, 2008, 5, 200-212.	1.2	21
107	Chemical proteomics: a powerful tool for exploring protein lipidation. Biochemical Society Transactions, 2013, 41, 56-61.	3.4	21
108	Broad-Spectrum Regulation of Nonreceptor Tyrosine Kinases by the Bacterial ADP-Ribosyltransferase EspJ. MBio, 2018, 9, .	4.1	21

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109	Building bridges for highly selective, potent and stable oxytocin and vasopressin analogs. Bioorganic and Medicinal Chemistry, 2018, 26, 3039-3045.	3.0	21
110	Identification of a potent small-molecule inhibitor of bacterial DNA repair that potentiates quinolone antibiotic activity in methicillin-resistant Staphylococcus aureus. Bioorganic and Medicinal Chemistry, 2019, 27, 114962.	3.0	21
111	d-Cycloserine destruction by alanine racemase and the limit of irreversible inhibition. Nature Chemical Biology, 2020, 16, 686-694.	8.0	21
112	Diastereoselective Anomeric Oxygen to Carbon Rearrangements of Silyl Enol Ether Derivatives of Lactols. Synlett, 1998, 1998, 1093-1095.	1.8	20
113	Chemoproteomic Evaluation of the Polyacetylene Callyspongynic Acid. Chemistry - A European Journal, 2015, 21, 10721-10728.	3.3	20
114	Development of a Photo-Cross-Linkable Diaminoquinazoline Inhibitor for Target Identification in Plasmodium falciparum. ACS Infectious Diseases, 2018, 4, 523-530.	3.8	20
115	Targeting a Dynamic Proteinâ€“Protein Interaction: Fragment Screening against the Malaria Myosinâ€…A Motor Complex. ChemMedChem, 2015, 10, 134-143.	3.2	19
116	Stable flow-induced expression of KLK10 inhibits endothelial inflammation and atherosclerosis. ELife, 2022, 11, .	6.0	19
117	Structure-Guided Design and In-Cell Target Profiling of a Cell-Active Target Engagement Probe for PARP Inhibitors. ACS Chemical Biology, 2020, 15, 325-333.	3.4	18
118	Photochemical Probe Identification of a Smallâ€Molecule Inhibitor Binding Site in Hedgehog Acyltransferase (HHAT)**. Angewandte Chemie - International Edition, 2021, 60, 13542-13547.	13.8	18
119	Application of Activity-Based Protein Profiling to the Study of Microbial Pathogenesis. Topics in Current Chemistry, 2011, 324, 115-135.	4.0	17
120	A New Chemical Handle for Protein AMPylation at the Hostâ€“Pathogen Interface. ChemBioChem, 2012, 13, 183-185.	2.6	17
121	Short Chain Fatty Acids Enhance Expression and Activity of the Umami Taste Receptor in Enteroendocrine Cells via a Gî±i/o Pathway. Frontiers in Nutrition, 2020, 7, 568991.	3.7	17
122	Substrate-biased activity-based probes identify proteases that cleave receptor CDCP1. Nature Chemical Biology, 2021, 17, 776-783.	8.0	17
123	Targeting methionine aminopeptidase 2 in cancer, obesity, and autoimmunity. Trends in Pharmacological Sciences, 2021, 42, 870-882.	8.7	17
124	Oxygen to carbon rearrangements of anomerically linked alkenols from tetrahydropyran derivatives: an investigation of the reaction mechanism via a double isotopic labelling crossover study. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 1815-1827.	1.3	16
125	Using a Non-Image-Based Medium-Throughput Assay for Screening Compounds Targeting N-myristoylation in Intracellular Leishmania Amastigotes. PLoS Neglected Tropical Diseases, 2014, 8, e3363.	3.0	16
126	Tipifarnib prevents development of hypoxia-induced pulmonary hypertension. Cardiovascular Research, 2017, 113, 276-287.	3.8	16

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127	BFSP1 C-terminal domains released by post-translational processing events can alter significantly the calcium regulation of AQP0 water permeability. Experimental Eye Research, 2019, 185, 107585.	2.6	16
128	Development of Photocrosslinking Probes Based on Huwentoxin-IV to Map the Site of Interaction on Nav1.7. Cell Chemical Biology, 2020, 27, 306-313.e4.	5.2	16
129	Anomeric Oxygen to Carbon Rearrangements of Alkynyl Tributylstannane Derivatives of Lactols. Synlett, 1998, 1998, 1091-1092.	1.8	15
130	Highly cis- or trans-selective oxygen to carbon rearrangements of anomerically linked 6-substituted tetrahydropyranyl enol ethers. Journal of the Chemical Society Perkin Transactions 1, 1999, , 2665-2667.	0.9	15
131	Cholesterylation: a tail of hedgehog. Biochemical Society Transactions, 2015, 43, 262-267.	3.4	15
132	Novel Thienopyrimidine Inhibitors of Leishmania N-Myristoyltransferase with On-Target Activity in Intracellular Amastigotes. Journal of Medicinal Chemistry, 2020, 63, 7740-7765.	6.4	15
133	Chemical biology of noncanonical G proteinâ€"coupled receptor signaling: TowardÂadvanced therapeutics. Current Opinion in Chemical Biology, 2020, 56, 98-110.	6.1	15
134	The Rab-binding Profiles of Bacterial Virulence Factors during Infection. Journal of Biological Chemistry, 2016, 291, 5832-5843.	3.4	14
135	Structure-guided optimization of quinoline inhibitors of Plasmodium N-myristoyltransferase. MedChemComm, 2017, 8, 191-197.	3.4	14
136	Internalization-Dependent Free Fatty Acid Receptor 2 Signaling Is Essential for Propionate-Induced Anorectic Gut Hormone Release. IScience, 2020, 23, 101449.	4.1	14
137	A Suite of Activity-Based Probes To Dissect the KLK Activome in Drug-Resistant Prostate Cancer. Journal of the American Chemical Society, 2021, 143, 8911-8924.	13.7	14
138	Chemical intervention in signalling networks: recent advances and applications. Signal Transduction, 2006, 6, 144-159.	0.4	13
139	Discovery of pyridyl-based inhibitors of Plasmodium falciparum N-myristoyltransferase. MedChemComm, 2015, 6, 1767-1772.	3.4	13
140	The molecular function of kallikreinâ€related peptidase 14 demonstrates a key modulatory role in advanced prostate cancer. Molecular Oncology, 2020, 14, 105-128.	4.6	13
141	Inhibition of protein N-myristoylation blocks Plasmodium falciparum intraerythrocytic development, egress and invasion. PLoS Biology, 2021, 19, e3001408.	5.6	13
142	Synthesis and characterisation of 5-acyl-6,7-dihydrothieno[3,2-c]pyridine inhibitors of Hedgehog acyltransferase. Data in Brief, 2016, 7, 257-281.	1.0	12
143	Direct Targeting of the Ras GTPase Superfamily Through Structure- Based Design. Current Topics in Medicinal Chemistry, 2016, 17, 16-29.	2.1	12
144	Activity-Based Profiling for Drug Discovery. Chemistry and Biology, 2011, 18, 407-409.	6.0	11

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145	Novel inhibitors of surface layer processing in Clostridium difficile. Bioorganic and Medicinal Chemistry, 2012, 20, 614-621.	3.0	11
146	Structureâ€“Activity Relationship Studies of a Novel Class of Transmission Blocking Antimalarials Targeting Male Gametes. Journal of Medicinal Chemistry, 2020, 63, 2240-2262.	6.4	11
147	Activity-based protein profiling reveals deubiquitinase and aldehyde dehydrogenase targets of a cyanopyrrolidine probe. RSC Medicinal Chemistry, 2021, 12, 1935-1943.	3.9	11
148	A succinyl lysine-based photo-cross-linking peptide probe for Sirtuin 5. Organic and Biomolecular Chemistry, 2014, 12, 4310-4313.	2.8	10
149	Automated multiwell fluorescence lifetime imaging for FÃ¶rster resonance energy transfer assays and high content analysis. Analytical Methods, 2015, 7, 4071-4089.	2.7	10
150	Design and development of histone deacetylase (HDAC) chemical probes for cell-based profiling. Molecular BioSystems, 2016, 12, 1781-1789.	2.9	10
151	Microfluidic Mobility Shift Assay for Real-Time Analysis of Peptide N-Palmitoylation. SLAS Discovery, 2017, 22, 418-424.	2.7	10
152	Photoactive Bifunctional Degraders: Precision Tools To Regulate Protein Stability. Journal of Medicinal Chemistry, 2020, 63, 15483-15493.	6.4	10
153	A General C-Glycosidation Procedure via Anomeric Oxygen to Carbon Rearrangements of Tetrahydropyranyl Ether Derivatives. Synlett, 1997, 1997, 1055-1056.	1.8	9
154	Myristoylation profiling in human cells and zebrafish. Data in Brief, 2015, 4, 379-383.	1.0	9
155	Time-resolved FRET reports FGFR1 dimerization and formation of a complex with its effector PLCÎ³1. Advances in Biological Regulation, 2016, 60, 6-13.	2.3	9
156	Open Source High Content Analysis Utilizing Automated Fluorescence Lifetime Imaging Microscopy. Journal of Visualized Experiments, 2017, , .	0.3	9
157	Inactivating mutations and X-ray crystal structure of the tumor suppressor OPCML reveal cancer-associated functions. Nature Communications, 2019, 10, 3134.	12.8	9
158	Chemical biology tools for probing transcytosis at the bloodâ€“brain barrier. Chemical Science, 2019, 10, 10772-10778.	7.4	9
159	Synthesis of unsaturated phosphatidylinositol 4-phosphates and the effects of substrate unsaturation on SopB phosphatase activity. Organic and Biomolecular Chemistry, 2015, 13, 2001-2011.	2.8	8
160	Beyond targeted protein degradation: LDÂ·ATTECs clear cellular lipid droplets. Cell Research, 2021, 31, 945-946.	12.0	8
161	Coping with strong translational noncrystallographic symmetry and extreme anisotropy in molecular replacement with Phaser: human Rab27a. Acta Crystallographica Section D: Structural Biology, 2019, 75, 342-353.	2.3	8
162	Plasma membrane profiling during enterohemorrhagic E. coli infection reveals that the metalloprotease StcE cleaves CD55 from host epithelial surfaces. Journal of Biological Chemistry, 2018, 293, 17188-17199.	3.4	7

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163	Photoactivatable Myristic Acid Probes for UNC119â€Cargo Interactions. ChemBioChem, 2019, 20, 134-139.	2.6	7
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165	Peptide Probes for Plasmodium falciparum MyoA Tail Interacting Protein (MTIP): Exploring the Druggability of the Malaria Parasite Motor Complex. ACS Chemical Biology, 2020, 15, 1313-1320.	3.4	7
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