

Edward W Tate

List of Publications by Year in descending order

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181
papers

8,404
citations

50276

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h-index

64796

79
g-index

224
all docs

224
docs citations

224
times ranked

8878
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Evaluating Hedgehog Acyltransferase Activity and Inhibition Using the Acylation-coupled Lipophilic Induction of Polarization (Acyl-cLIP) Assay. Methods in Molecular Biology, 2022, 2374, 13-26.	0.9	5
3	Identification of the first structurally validated covalent ligands of the small GTPase RAB27A. RSC Medicinal Chemistry, 2022, 13, 150-155.	3.9	7
4	Stable flow-induced expression of KLK10 inhibits endothelial inflammation and atherosclerosis. ELife, 2022, 11, .	6.0	19
5	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
6	Deconvoluting the biology and druggability of protein lipidation using chemical proteomics. Current Opinion in Chemical Biology, 2021, 60, 97-112.	6.1	7
7	Activity-based protein profiling reveals deubiquitinase and aldehyde dehydrogenase targets of a cyanopyrrolidine probe. RSC Medicinal Chemistry, 2021, 12, 1935-1943.	3.9	11
8	Substrate-biased activity-based probes identify proteases that cleave receptor CDCP1. Nature Chemical Biology, 2021, 17, 776-783.	8.0	17
9	Photochemical Probe Identification of a Small Molecule Inhibitor Binding Site in Hedgehog Acyltransferase (HHAT)**. Angewandte Chemie, 2021, 133, 13654-13659.	2.0	0
10	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
11	Photochemical Probe Identification of a Small Molecule Inhibitor Binding Site in Hedgehog Acyltransferase (HHAT)**. Angewandte Chemie - International Edition, 2021, 60, 13542-13547.	13.8	18
12	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
13	Beyond targeted protein degradation: LD-ATTECs clear cellular lipid droplets. Cell Research, 2021, 31, 945-946.	12.0	8
14	Targeting methionine aminopeptidase 2 in cancer, obesity, and autoimmunity. Trends in Pharmacological Sciences, 2021, 42, 870-882.	8.7	17
15	Inhibition of protein N-myristoylation blocks Plasmodium falciparum intraerythrocytic development, egress and invasion. PLoS Biology, 2021, 19, e3001408.	5.6	13
16	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
17	How Structures of Complement Complexes Guide Therapeutic Design. Sub-Cellular Biochemistry, 2021, 96, 273-295.	2.4	0
18	Structure, mechanism, and inhibition of Hedgehog acyltransferase. Molecular Cell, 2021, 81, 5025-5038.e10.	9.7	28

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19	The molecular function of kallikrein-related peptidase 14 demonstrates a key modulatory role in advanced prostate cancer. <i>Molecular Oncology</i> , 2020, 14, 105-128.	4.6	13
20	Structure-Activity Relationship Studies of a Novel Class of Transmission Blocking Antimalarials Targeting Male Gametes. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 2240-2262.	6.4	11
21	Development of Photocrosslinking Probes Based on Huwentoxin-IV to Map the Site of Interaction on Nav1.7. <i>Cell Chemical Biology</i> , 2020, 27, 306-313.e4.	5.2	16
22	Faecal neutrophil elastase-antiprotease balance reflects colitis severity. <i>Mucosal Immunology</i> , 2020, 13, 322-333.	6.0	29
23	Rab27a co-ordinates actin-dependent transport by controlling organelle-associated motors and track assembly proteins. <i>Nature Communications</i> , 2020, 11, 3495.	12.8	29
24	Structure-Guided Design and In-Cell Target Profiling of a Cell-Active Target Engagement Probe for PARP Inhibitors. <i>ACS Chemical Biology</i> , 2020, 15, 325-333.	3.4	18
25	Short Chain Fatty Acids Enhance Expression and Activity of the Umami Taste Receptor in Enteroendocrine Cells via a G12/o Pathway. <i>Frontiers in Nutrition</i> , 2020, 7, 568991.	3.7	17
26	Ligand-Specific Factors Influencing GLP-1 Receptor Post-Endocytic Trafficking and Degradation in Pancreatic Beta Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8404.	4.1	28
27	Photoactive Bifunctional Degraders: Precision Tools To Regulate Protein Stability. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 15483-15493.	6.4	10
28	Internalization-Dependent Free Fatty Acid Receptor 2 Signaling Is Essential for Propionate-Induced Anorectic Gut Hormone Release. <i>IScience</i> , 2020, 23, 101449.	4.1	14
29	The Missing Link between (Un)druggable and Degradable KRAS. <i>ACS Central Science</i> , 2020, 6, 1281-1284.	11.3	4
30	Wheat pathogen <i>Zymoseptoria tritici</i> N-myristoyltransferase inhibitors: on-target antifungal activity and an unusual metabolic defense mechanism. <i>RSC Chemical Biology</i> , 2020, 1, 68-78.	4.1	3
31	Peptide Probes for <i>Plasmodium falciparum</i> MyoA Tail Interacting Protein (MTIP): Exploring the Druggability of the Malaria Parasite Motor Complex. <i>ACS Chemical Biology</i> , 2020, 15, 1313-1320.	3.4	7
32	Targeting STAT3 signaling using stabilised sulforaphane (SFX-01) inhibits endocrine resistant stem-like cells in ER-positive breast cancer. <i>Oncogene</i> , 2020, 39, 4896-4908.	5.9	27
33	Discovery of a Potent and Selective Covalent Inhibitor and Activity-Based Probe for the Deubiquitylating Enzyme UCHL1, with Antifibrotic Activity. <i>Journal of the American Chemical Society</i> , 2020, 142, 12020-12026.	13.7	51
34	d-Cycloserine destruction by alanine racemase and the limit of irreversible inhibition. <i>Nature Chemical Biology</i> , 2020, 16, 686-694.	8.0	21
35	A caged E3 ligase ligand for PROTAC-mediated protein degradation with light. <i>Chemical Communications</i> , 2020, 56, 5532-5535.	4.1	81
36	Novel Thienopyrimidine Inhibitors of <i>Leishmania</i> N-Myristoyltransferase with On-Target Activity in Intracellular Amastigotes. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 7740-7765.	6.4	15

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37	High-resolution snapshots of human N-myristoyltransferase in action illuminate a mechanism promoting N-terminal Lys and Gly myristoylation. <i>Nature Communications</i> , 2020, 11, 1132.	12.8	58
38	A Natural Product Puts Malaria on a Low-Fat Diet. <i>Cell Chemical Biology</i> , 2020, 27, 137-139.	5.2	0
39	Re-Evaluating the Mechanism of Action of Δ^2 -Unsaturated Carbonyl DUB Inhibitors b-AP15 and VLX1570: A Paradigmatic Example of Unspecific Protein Cross-linking with Michael Acceptor Motif-Containing Drugs. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3756-3762.	6.4	31
40	Antibody-PROTAC Conjugates Enable HER2-Dependent Targeted Protein Degradation of BRD4. <i>ACS Chemical Biology</i> , 2020, 15, 1306-1312.	3.4	165
41	Chemical biology of noncanonical G protein-coupled receptor signaling: Toward advanced therapeutics. <i>Current Opinion in Chemical Biology</i> , 2020, 56, 98-110.	6.1	15
42	<sc>CRISPR</sc> -> <sc>TAPE</sc> : protein-centric <sc>CRISPR</sc> guide design for targeted proteome engineering. <i>Molecular Systems Biology</i> , 2020, 16, e9475.	7.2	4
43	Bat IFITM3 restriction depends on S-palmitoylation and a polymorphic site within the CD225 domain. <i>Life Science Alliance</i> , 2020, 3, e201900542.	2.8	32
44	Profiling of myristoylation in <i>Toxoplasma gondii</i> reveals an N-myristoylated protein important for host cell penetration. <i>ELife</i> , 2020, 9, .	6.0	24
45	Photoactivatable Myristic Acid Probes for UNC119-Cargo Interactions. <i>ChemBioChem</i> , 2019, 20, 134-139.	2.6	7
46	Inactivating mutations and X-ray crystal structure of the tumor suppressor OPCML reveal cancer-associated functions. <i>Nature Communications</i> , 2019, 10, 3134.	12.8	9
47	Acylation-coupled lipophilic induction of polarisation (Acyl-cLIP): a universal assay for lipid transferase and hydrolase enzymes. <i>Chemical Science</i> , 2019, 10, 8995-9000.	7.4	27
48	Analysis of a fully infectious bio-orthogonally modified human virus reveals novel features of virus cell entry. <i>PLoS Pathogens</i> , 2019, 15, e1007956.	4.7	7
49	FSP1 is a glutathione-independent ferroptosis suppressor. <i>Nature</i> , 2019, 575, 693-698.	27.8	1,624
50	Identification of a potent small-molecule inhibitor of bacterial DNA repair that potentiates quinolone antibiotic activity in methicillin-resistant <i>Staphylococcus aureus</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 114962.	3.0	21
51	Imaging of Chemotherapy-Induced Acute Cardiotoxicity with ¹⁸ F-Labeled Lipophilic Cations. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1750-1756.	5.0	26
52	Structure-Guided Identification of Resistance Breaking Antimalarial N-Myristoyltransferase Inhibitors. <i>Cell Chemical Biology</i> , 2019, 26, 991-1000.e7.	5.2	26
53	Validation and Invalidation of Chemical Probes for the Human N-myristoyltransferases. <i>Cell Chemical Biology</i> , 2019, 26, 892-900.e4.	5.2	33
54	Dual chemical probes enable quantitative system-wide analysis of protein prenylation and prenylation dynamics. <i>Nature Chemistry</i> , 2019, 11, 552-561.	13.6	80

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55	BFSP1 C-terminal domains released by post-translational processing events can alter significantly the calcium regulation of AQP0 water permeability. <i>Experimental Eye Research</i> , 2019, 185, 107585.	2.6	16
56	Recent Developments in Cell Permeable Deubiquitinating Enzyme Activity-Based Probes. <i>Frontiers in Chemistry</i> , 2019, 7, 876.	3.6	25
57	Chemical biology tools for probing transcytosis at the blood–brain barrier. <i>Chemical Science</i> , 2019, 10, 10772-10778.	7.4	9
58	AWZ1066S, a highly specific anti- <i>Wolbachia</i> drug candidate for a short-course treatment of filariasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1414-1419.	7.1	57
59	Whole Proteome Profiling of N-Myristoyltransferase Activity and Inhibition Using Sortase A. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 115-126.	3.8	22
60	Coping with strong translational noncrystallographic symmetry and extreme anisotropy in molecular replacement with <i>Phaser</i> : human Rab27a. <i>Acta Crystallographica Section D: Structural Biology</i> , 2019, 75, 342-353.	2.3	8
61	High-Throughput Kinetic Analysis for Target-Directed Covalent Ligand Discovery. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5257-5261.	13.8	59
62	High-Throughput Kinetic Analysis for Target-Directed Covalent Ligand Discovery. <i>Angewandte Chemie</i> , 2018, 130, 5355-5359.	2.0	5
63	Broad-Spectrum Regulation of Nonreceptor Tyrosine Kinases by the Bacterial ADP-Ribosyltransferase EspJ. <i>MBio</i> , 2018, 9, .	4.1	21
64	<i>N</i> -Myristoylation as a Drug Target in Malaria: Exploring the Role of <i>N</i> -Myristoyltransferase Substrates in the Inhibitor Mode of Action. <i>ACS Infectious Diseases</i> , 2018, 4, 449-457.	3.8	37
65	Development of a Photo-Cross-Linkable Diaminoquinazoline Inhibitor for Target Identification in <i>Plasmodium falciparum</i> . <i>ACS Infectious Diseases</i> , 2018, 4, 523-530.	3.8	20
66	Building bridges for highly selective, potent and stable oxytocin and vasopressin analogs. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 3039-3045.	3.0	21
67	New developments in probing and targeting protein acylation in malaria, leishmaniasis and African sleeping sickness. <i>Parasitology</i> , 2018, 145, 157-174.	1.5	26
68	Pharmacological Inhibition of PARP6 Triggers Multipolar Spindle Formation and Elicits Therapeutic Effects in Breast Cancer. <i>Cancer Research</i> , 2018, 78, 6691-6702.	0.9	36
69	Plasma membrane profiling during enterohemorrhagic <i>E. coli</i> infection reveals that the metalloprotease StcE cleaves CD55 from host epithelial surfaces. <i>Journal of Biological Chemistry</i> , 2018, 293, 17188-17199.	3.4	7
70	Depsipeptides Featuring a Neutral P1 Are Potent Inhibitors of Kallikrein-Related Peptidase 6 with On-Target Cellular Activity. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 8859-8874.	6.4	23
71	Fragment-derived inhibitors of human N-myristoyltransferase block capsid assembly and replication of the common cold virus. <i>Nature Chemistry</i> , 2018, 10, 599-606.	13.6	96
72	High-yielding ¹⁸ F radiosynthesis of a novel oxytocin receptor tracer, a probe for nose-to-brain oxytocin uptake <i>in vivo</i> . <i>Chemical Communications</i> , 2018, 54, 8120-8123.	4.1	28

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73	Activity-Based Protein Profiling for the Study of Parasite Biology. Current Topics in Microbiology and Immunology, 2018, 420, 155-174.	1.1	6
74	Mouse Stbd1 is <i>N</i> -myristoylated and affects ER-mitochondria association and mitochondrial morphology. Journal of Cell Science, 2017, 130, 903-915.	2.0	22
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	Dynamic Protein Acylation: New Substrates, Mechanisms, and Drug Targets. Trends in Biochemical Sciences, 2017, 42, 566-581.	7.5	113
77	Conformational transition of FGFR kinase activation revealed by site-specific unnatural amino acid reporter and single molecule FRET. Scientific Reports, 2017, 7, 39841.	3.3	6
78	Open Source High Content Analysis Utilizing Automated Fluorescence Lifetime Imaging Microscopy. Journal of Visualized Experiments, 2017, , .	0.3	9
79	Microfluidic Mobility Shift Assay for Real-Time Analysis of Peptide N-Palmitoylation. SLAS Discovery, 2017, 22, 418-424.	2.7	10
80	Structure-guided optimization of quinoline inhibitors of Plasmodium N-myristoyltransferase. MedChemComm, 2017, 8, 191-197.	3.4	14
81	Tipifarnib prevents development of hypoxia-induced pulmonary hypertension. Cardiovascular Research, 2017, 113, 276-287.	3.8	16
82	Design and development of histone deacetylase (HDAC) chemical probes for cell-based profiling. Molecular BioSystems, 2016, 12, 1781-1789.	2.9	10
83	The Rab-binding Profiles of Bacterial Virulence Factors during Infection. Journal of Biological Chemistry, 2016, 291, 5832-5843.	3.4	14
84	Global Profiling and Inhibition of Protein Lipidation in Vector and Host Stages of the Sleeping Sickness Parasite <i>Trypanosoma brucei</i> . ACS Infectious Diseases, 2016, 2, 427-441.	3.8	51
85	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
86	Quantitative Chemical Proteomic Profiling of Ubiquitin Specific Proteases in Intact Cancer Cells. ACS Chemical Biology, 2016, 11, 3268-3272.	3.4	62
87	<i>N</i> -Myristoyltransferase Inhibition Induces ER-Stress, Cell Cycle Arrest, and Apoptosis in Cancer Cells. ACS Chemical Biology, 2016, 11, 2165-2176.	3.4	60
88	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
89	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
90	Time-resolved FRET reports FGFR1 dimerization and formation of a complex with its effector PLC β 1. Advances in Biological Regulation, 2016, 60, 6-13.	2.3	9

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91	Direct Targeting of the Ras GTPase Superfamily Through Structure- Based Design. Current Topics in Medicinal Chemistry, 2016, 17, 16-29.	2.1	12
92	Cholesterylation: a tail of hedgehog. Biochemical Society Transactions, 2015, 43, 262-267.	3.4	15
93	Membrane bound O-acyltransferases and their inhibitors. Biochemical Society Transactions, 2015, 43, 246-252.	3.4	37
94	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
95	Chemoproteomic Evaluation of the Polyacetylene Callyspongynic Acid. Chemistry - A European Journal, 2015, 21, 10721-10728.	3.3	20
96	Topological Analysis of Hedgehog Acyltransferase, a Multipalmitoylated Transmembrane Protein. Journal of Biological Chemistry, 2015, 290, 3293-3307.	3.4	54
97	Target profiling of zerumbone using a novel cell-permeable clickable probe and quantitative chemical proteomics. Chemical Communications, 2015, 51, 5497-5500.	4.1	26
98	Targeting a Dynamic Proteinâ€Protein Interaction: Fragment Screening against the Malaria Myosinâ€A Motor Complex. ChemMedChem, 2015, 10, 134-143.	3.2	19
99	Global profiling of protein lipidation using chemical proteomic technologies. Current Opinion in Chemical Biology, 2015, 24, 48-57.	6.1	90
100	Legionella pneumophila Effector LpdA Is a Palmitoylated Phospholipase D Virulence Factor. Infection and Immunity, 2015, 83, 3989-4002.	2.2	42
101	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
102	Creating a customized intracellular niche: subversion of host cell signaling by<i>Legionella</i> type IV secretion system effectors. Canadian Journal of Microbiology, 2015, 61, 617-635.	1.7	31
103	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
104	Modulation of Amide Bond Rotamers in 5-Acyl-6,7-dihydrothieno[3,2- <i>c</i>]pyridines. Journal of Organic Chemistry, 2015, 80, 4370-4377.	3.2	26
105	Click chemistry armed enzyme-linked immunosorbent assay to measure palmitoylation by hedgehog acyltransferase. Analytical Biochemistry, 2015, 490, 66-72.	2.4	26
106	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
107	Discovery of pyridyl-based inhibitors of Plasmodium falciparum N-myristoyltransferase. MedChemComm, 2015, 6, 1767-1772.	3.4	13
108	Discovery of high affinity inhibitors of Leishmania donovani N-myristoyltransferase. MedChemComm, 2015, 6, 1761-1766.	3.4	30

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109	Automated multiwell fluorescence lifetime imaging for FRET resonance energy transfer assays and high content analysis. <i>Analytical Methods</i> , 2015, 7, 4071-4089.	2.7	10
110	Quantitative Lipoproteomics in <i>Clostridium difficile</i> Reveals a Role for Lipoproteins in Sporulation. <i>Chemistry and Biology</i> , 2015, 22, 1562-1573.	6.0	42
111	Myristoylation profiling in human cells and zebrafish. <i>Data in Brief</i> , 2015, 4, 379-383.	1.0	9
112	Synthesis of unsaturated phosphatidylinositol 4-phosphates and the effects of substrate unsaturation on SopB phosphatase activity. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2001-2011.	2.8	8
113	Abstract 230: Protein Farnesylation Inhibitor Tipifarnib Prevents Development of Chronic Hypoxia-induced Pulmonary Hypertension. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, .	2.4	0
114	Attenuation of Hedgehog Acyltransferase-Catalyzed Sonic Hedgehog Palmitoylation Causes Reduced Signaling, Proliferation and Invasiveness of Human Carcinoma Cells. <i>PLoS ONE</i> , 2014, 9, e89899.	2.5	34
115	Using a Non-Image-Based Medium-Throughput Assay for Screening Compounds Targeting N-myristoylation in Intracellular <i>Leishmania</i> Amastigotes. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3363.	3.0	16
116	Crystal Structure of the Human, FIC-Domain Containing Protein HYPE and Implications for Its Functions. <i>Structure</i> , 2014, 22, 1831-1843.	3.3	48
117	Global profiling of co- and post-translationally N-myristoylated proteomes in human cells. <i>Nature Communications</i> , 2014, 5, 4919.	12.8	199
118	N-Myristoyltransferase as a potential drug target in malaria and leishmaniasis. <i>Parasitology</i> , 2014, 141, 37-49.	1.5	64
119	Design and Synthesis of High Affinity Inhibitors of <i>Plasmodium falciparum</i> and <i>Plasmodium vivax</i> N-Myristoyltransferases Directed by Ligand Efficiency Dependent Lipophilicity (LELP). <i>Journal of Medicinal Chemistry</i> , 2014, 57, 2773-2788.	6.4	63
120	Validation of N-myristoyltransferase as an antimalarial drug target using an integrated chemical biology approach. <i>Nature Chemistry</i> , 2014, 6, 112-121.	13.6	196
121	Diverse modes of binding in structures of <i>Leishmania major</i> N-myristoyltransferase with selective inhibitors. <i>IUCr</i> , 2014, 1, 250-260.	2.2	38
122	New chemical probes targeting cholesterylolation of Sonic Hedgehog in human cells and zebrafish. <i>Chemical Science</i> , 2014, 5, 4249-4259.	7.4	37
123	Structure-Based Design of Potent and Selective <i>Leishmania</i> N-Myristoyltransferase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 8664-8670.	6.4	56
124	Crystal Structures of Stapled and Hydrogen Bond Surrogate Peptides Targeting a Fully Buried Protein-Helix Interaction. <i>ACS Chemical Biology</i> , 2014, 9, 2204-2209.	3.4	43
125	Genome-wide Functional Analysis of <i>Plasmodium</i> Protein Phosphatases Reveals Key Regulators of Parasite Development and Differentiation. <i>Cell Host and Microbe</i> , 2014, 16, 128-140.	11.0	122
126	A succinyl lysine-based photo-cross-linking peptide probe for Sirtuin 5. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 4310-4313.	2.8	10

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127	Peptidomimetic inhibitors of N-myristoyltransferase from human malaria and leishmaniasis parasites. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 8132-8137.	2.8	30
128	Potent and specific inhibition of the biological activity of the type-II transmembrane serine protease matriptase by the cyclic microprotein MCoTI-II. <i>Thrombosis and Haemostasis</i> , 2014, 112, 402-411.	3.4	27
129	Discovery of Novel and Ligand-Efficient Inhibitors of Plasmodium falciparum and Plasmodium vivax N-Myristoyltransferase. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 371-375.	6.4	58
130	Automated fluorescence lifetime imaging plate reader and its application to Förster resonant energy transfer readout of Gag protein aggregation. <i>Journal of Biophotonics</i> , 2013, 6, 398-408.	2.3	28
131	Unique apicomplexan IMC sub-compartment proteins are early markers for apical polarity in the malaria parasite. <i>Biology Open</i> , 2013, 2, 1160-1170.	1.2	51
132	Chemical proteomics: a powerful tool for exploring protein lipidation. <i>Biochemical Society Transactions</i> , 2013, 41, 56-61.	3.4	21
133	Selective Inhibitors of Protozoan Protein N-myristoyltransferases as Starting Points for Tropical Disease Medicinal Chemistry Programs. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1625.	3.0	79
134	Regulation of the Plasmodium Motor Complex. <i>Journal of Biological Chemistry</i> , 2012, 287, 36968-36977.	3.4	24
135	Discovery of Plasmodium vivax N-Myristoyltransferase Inhibitors: Screening, Synthesis, and Structural Characterization of their Binding Mode. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 3578-3582.	6.4	65
136	Design and Synthesis of Inhibitors of Plasmodium falciparum N-Myristoyltransferase, A Promising Target for Antimalarial Drug Discovery. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 8879-8890.	6.4	56
137	Multifunctional protein labeling via enzymatic N-terminal tagging and elaboration by click chemistry. <i>Nature Protocols</i> , 2012, 7, 105-117.	12.0	93
138	Lipid membrane curvature induced by distearoyl phosphatidylinositol 4-phosphate. <i>Soft Matter</i> , 2012, 8, 3090.	2.7	36
139	Mutational Locally Enhanced Sampling (MULES) for quantitative prediction of the effects of mutations at protein-protein interfaces. <i>Chemical Science</i> , 2012, 3, 1503.	7.4	2
140	A fluorescence-based assay for N-myristoyltransferase activity. <i>Analytical Biochemistry</i> , 2012, 421, 342-344.	2.4	69
141	A role for the vesicle-associated tubulin binding protein ARL6 (BBS3) in flagellum extension in Trypanosoma brucei. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 1178-1191.	4.1	22
142	Novel inhibitors of surface layer processing in Clostridium difficile. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 614-621.	3.0	11
143	A New Chemical Handle for Protein AMPylation at the Host-Pathogen Interface. <i>ChemBioChem</i> , 2012, 13, 183-185.	2.6	17
144	Activity-based probes: discovering new biology and new drug targets. <i>Chemical Society Reviews</i> , 2011, 40, 246-257.	38.1	157

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145	Comparing experimental and computational alanine scanning techniques for probing a prototypical protein-protein interaction. <i>Protein Engineering, Design and Selection</i> , 2011, 24, 197-207.	2.1	73
146	Bioorthogonal chemical tagging of protein cholesterylation in living cells. <i>Chemical Communications</i> , 2011, 47, 4081.	4.1	78
147	Application of Activity-Based Protein Profiling to the Study of Microbial Pathogenesis. <i>Topics in Current Chemistry</i> , 2011, 324, 115-135.	4.0	17
148	Activity-Based Profiling for Drug Discovery. <i>Chemistry and Biology</i> , 2011, 18, 407-409.	6.0	11
149	Roles of Cysteine Proteases Cwp84 and Cwp13 in Biogenesis of the Cell Wall of <i>Clostridium difficile</i> . <i>Journal of Bacteriology</i> , 2011, 193, 3276-3285.	2.2	51
150	Protein myristoylation in health and disease. <i>Journal of Chemical Biology</i> , 2010, 3, 19-35.	2.2	208
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