

Adam McCluskey

List of Publications by Year in descending order

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236
papers

7,985
citations

46918

47
h-index

74018

75
g-index

257
all docs

257
docs citations

257
times ranked

9293
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of the Clathrin Terminal Domain in Regulating Coated Pit Dynamics Revealed by Small Molecule Inhibition. <i>Cell</i> , 2011, 146, 471-484.	13.5	459
2	Clathrin-independent carriers form a high capacity endocytic sorting system at the leading edge of migrating cells. <i>Journal of Cell Biology</i> , 2010, 190, 675-691.	2.3	263
3	Building a Better Dynasore: The Dyngo Compounds Potently Inhibit Dynamin and Endocytosis. <i>Traffic</i> , 2013, 14, 1272-1289.	1.3	243
4	Serine~Threonine Protein Phosphatase Inhibitors:~ Development of Potential Therapeutic Strategies. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 1151-1175.	2.9	216
5	Activity and thermal stability of lysozyme in alkylammonium formate ionic liquids~influence of cation modification. <i>Green Chemistry</i> , 2009, 11, 785.	4.6	173
6	Neurokinin 1 receptor signaling in endosomes mediates sustained nociception and is a viable therapeutic target for prolonged pain relief. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	158
7	A Novel Class of Anticancer Compounds Targets the Actin Cytoskeleton in Tumor Cells. <i>Cancer Research</i> , 2013, 73, 5169-5182.	0.4	155
8	Inhibition of Dynamin Mediated Endocytosis by the <i>Dynoles</i>~Synthesis and Functional Activity of a Family of Indoles. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 3762-3773.	2.9	147
9	Dynamin Inhibition Blocks Botulinum Neurotoxin Type A Endocytosis in Neurons and Delays Botulism. <i>Journal of Biological Chemistry</i> , 2011, 286, 35966-35976.	1.6	134
10	~Green~™ leaching: recyclable and selective leaching of gold-bearing ore in an ionic liquid. <i>Green Chemistry</i> , 2004, 6, 313-315.	4.6	127
11	Endocytosis Inhibition in Humans to Improve Responses to ADCC-Mediating Antibodies. <i>Cell</i> , 2020, 180, 895-914.e27.	13.5	127
12	Application of 1-alkyl-3-methyl-imidazolium ionic liquids in the oxidative leaching of sulphidic copper, gold and silver ores. <i>Hydrometallurgy</i> , 2007, 88, 109-120.	1.8	120
13	Phenothiazine~Derived Antipsychotic Drugs Inhibit Dynamin and Clathrin~Mediated Endocytosis. <i>Traffic</i> , 2015, 16, 635-654.	1.3	112
14	Myristyl Trimethyl Ammonium Bromide and Octadecyl Trimethyl Ammonium Bromide Are Surface-Active Small Molecule Dynamin Inhibitors that Block Endocytosis Mediated by Dynamin I or Dynamin II. <i>Molecular Pharmacology</i> , 2007, 72, 1425-1439.	1.0	105
15	The expanding utility of continuous flow hydrogenation. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 7119-7130.	1.5	102
16	Molecularly imprinted polymers (MIPs): sensing, an explosive new opportunity?. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 3233.	1.5	92
17	Heterocyclic substituted cantharidin and norcantharidin analogues~synthesis, protein phosphatase (1 and 2A) inhibition, and anti-cancer activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 3392-3397.	1.0	90
18	Cantharidin analogues: synthesis and evaluation of growth inhibition in a panel of selected tumour cell lines. <i>Bioorganic Chemistry</i> , 2003, 31, 68-79.	2.0	86

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19	Effects of different drying methods on extractable phenolic compounds and antioxidant properties from lemon myrtle dried leaves. <i>Heliyon</i> , 2019, 5, e03044.	1.4	84
20	Norcantharimides, synthesis and anticancer activity: Synthesis of new norcantharidin analogues and their anticancer evaluation. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 6126-6134.	1.4	82
21	Targeting membrane trafficking in infection prophylaxis: dynamin inhibitors. <i>Trends in Cell Biology</i> , 2013, 23, 90-101.	3.6	82
22	Anticancer activity and protein phosphatase 1 and 2A inhibition of a new generation of cantharidin analogues. <i>Investigational New Drugs</i> , 2002, 20, 1-11.	1.2	77
23	Anhydride modified cantharidin analogues: synthesis, inhibition of protein phosphatases 1 and 2A and anticancer activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000, 10, 1687-1690.	1.0	76
24	Small Molecule Inhibitors of Dynamin I GTPase Activity: Development of Dimeric Tyrphostins. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 7781-7788.	2.9	75
25	Modified norcantharidins. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 1969-1973.	1.0	73
26	An FTIR Spectroscopic Study on the Effect of Molecular Structural Variations on the CO ₂ Absorption Characteristics of Heterocyclic Amines. <i>ChemPhysChem</i> , 2011, 12, 1088-1099.	1.0	72
27	Cantharimides: A new class of modified cantharidin analogues inhibiting protein phosphatases 1 and 2A. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 2941-2946.	1.0	70
28	Scrambled and fried: Cigarette smoke exposure causes antral follicle destruction and oocyte dysfunction through oxidative stress. <i>Toxicology and Applied Pharmacology</i> , 2013, 271, 156-167.	1.3	70
29	The Dynamin Inhibitors MiTMAB and OcTMAB Induce Cytokinesis Failure and Inhibit Cell Proliferation in Human Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 1995-2006.	1.9	66
30	Ionic liquids: a convenient solvent for environmentally friendly allylation reactions with tetraallylstannane. <i>Chemical Communications</i> , 1999, , 1431-1432.	2.2	65
31	Norcantharidin Analogues: Synthesis, Anticancer Activity and Protein Phosphatase 1 and 2A Inhibition. <i>ChemMedChem</i> , 2008, 3, 1878-1892.	1.6	64
32	Efficient preparation and improved sensitivity of molecularly imprinted polymers using room temperature ionic liquids. <i>Chemical Communications</i> , 2006, , 1730.	2.2	63
33	Green chemistry approaches to the Knoevenagel condensation: comparison of ethanol, water and solvent free (dry grind) approaches. <i>Tetrahedron Letters</i> , 2002, 43, 3117-3120.	0.7	62
34	The first Bischler-Napieralski cyclization in a room temperature ionic liquid. <i>Tetrahedron Letters</i> , 2002, 43, 5089-5091.	0.7	61
35	Mechanisms of tethering and cargo transfer during epididymosome-sperm interactions. <i>BMC Biology</i> , 2019, 17, 35.	1.7	59
36	Long chain amines and long chain ammonium salts as novel inhibitors of dynamin GTPase activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 3275-3278.	1.0	57

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37	Iminochromene Inhibitors of Dynamins I and II GTPase Activity and Endocytosis. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 4094-4102.	2.9	57
38	Small molecules demonstrate the role of dynamin as a bi-directional regulator of the exocytosis fusion pore and vesicle release. <i>Molecular Psychiatry</i> , 2015, 20, 810-819.	4.1	56
39	Comparison of conventional extraction technique with ultrasound assisted extraction on recovery of phenolic compounds from lemon scented tea tree (<i>Leptospermum petersonii</i>) leaves. <i>Heliyon</i> , 2020, 6, e03666.	1.4	56
40	Small Molecule Inhibitors of Serine Threonine Protein Phosphatases. <i>Mini-Reviews in Medicinal Chemistry</i> , 2001, 1, 43-55.	1.1	55
41	Library synthesis and cytotoxicity of a family of 2-phenylacrylonitriles and discovery of an estrogen dependent breast cancer lead compound. <i>MedChemComm</i> , 2011, 2, 31-37.	3.5	55
42	Protein Phosphatase Inhibition: Structure Based Design. Towards New Therapeutic Agents. <i>Current Pharmaceutical Design</i> , 2004, 10, 1139-1159.	0.9	55
43	Synthesis and evaluation of novel ellipticines as potential anti-cancer agents. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 1334.	1.5	54
44	The First Two Cantharidin Analogues Displaying PP1 Selectivity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 391-393.	1.0	51
45	Anti-malarial, anti-algal, anti-tubercular, anti-bacterial, anti-photosynthetic, and anti-fouling activity of diterpene and diterpene isonitriles from the tropical marine sponge <i>Cymbastela hooperi</i> . <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 400-407.	1.5	51
46	Inhibition of Dynamin by Dynole 34-2 Induces Cell Death following Cytokinesis Failure in Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 1553-1562.	1.9	51
47	The <i>Pthaladyns</i> : GTP Competitive Inhibitors of Dynamin I and II GTPase Derived from Virtual Screening. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 5267-5280.	2.9	50
48	Anhydride modified cantharidin analogues. Is ring opening important in the inhibition of protein phosphatase 2A?. <i>European Journal of Medicinal Chemistry</i> , 2000, 35, 957-964.	2.6	49
49	Synthesis of Dynole 34-2, Dynole 2-24 and Dyngo 4a for investigating dynamin GTPase. <i>Nature Protocols</i> , 2014, 9, 851-870.	5.5	49
50	Comparative leaching of a sulfidic gold ore in ionic liquid and aqueous acid with thiourea and halides using Fe(III) or HSO ₅ [•] oxidant. <i>Hydrometallurgy</i> , 2009, 98, 276-280.	1.8	48
51	Solvent-Mediated Allylation of Carbonyl Compounds with Allylic Stannanes. <i>Journal of Organic Chemistry</i> , 1997, 62, 1961-1964.	1.7	46
52	Synthesis and Evaluation of a Molecularly Imprinted Polymer Selective to 2,4,6-Trichlorophenol. <i>Australian Journal of Chemistry</i> , 2004, 57, 759.	0.5	45
53	Dynamin Regulates Specific Membrane Fusion Events Necessary for Acrosomal Exocytosis in Mouse Spermatozoa. <i>Journal of Biological Chemistry</i> , 2012, 287, 37659-37672.	1.6	45
54	Damaging legacy: maternal cigarette smoking has long-term consequences for male offspring fertility. <i>Human Reproduction</i> , 2014, 29, 2719-2735.	0.4	45

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55	Microwave induced MIP synthesis: comparative analysis of thermal and microwave induced polymerisation of caffeine imprinted polymers. <i>New Journal of Chemistry</i> , 2010, 34, 686.	1.4	43
56	Analysis of synaptic vesicle endocytosis in synaptosomes by high-content screening. <i>Nature Protocols</i> , 2012, 7, 1439-1455.	5.5	43
57	Protein-protein interactions as antibiotic targets: A medicinal chemistry perspective. <i>Medicinal Research Reviews</i> , 2020, 40, 469-494.	5.0	42
58	Corticotropin releasing hormone: therapeutic implications and medicinal chemistry developments. <i>Bioorganic and Medicinal Chemistry</i> , 2000, 8, 1213-1223.	1.4	41
59	In Silico Docking, Molecular Dynamics and Binding Energy Insights into the Bolinaquinone-Clathrin Terminal Domain Binding Site. <i>Molecules</i> , 2014, 19, 6609-6622.	1.7	41
60	The aryl hydrocarbon receptor (AhR) as a breast cancer drug target. <i>Medicinal Research Reviews</i> , 2020, 40, 972-1001.	5.0	41
61	Inhibition of protein phosphatase 2A by cantharidin analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1996, 6, 1025-1028.	1.0	40
62	The Rhodadyns, a New Class of Small Molecule Inhibitors of Dynamin GTPase Activity. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 352-356.	1.3	40
63	Evaluation of robenidine analog NCL195 as a novel broad-spectrum antibacterial agent. <i>PLoS ONE</i> , 2017, 12, e0183457.	1.1	40
64	Formulation of Cocaine-Imprinted Polymers Utilizing Molecular Modelling and NMR Analysis. <i>Australian Journal of Chemistry</i> , 2005, 58, 315.	0.5	39
65	Corticotropin Releasing Hormone - A GPCR Drug Target. <i>Current Drug Targets</i> , 2007, 8, 105-115.	1.0	39
66	Synthesis and anticancer activity of a series of norcantharidin analogues. <i>European Journal of Medicinal Chemistry</i> , 2012, 54, 573-581.	2.6	39
67	An ATR-FTIR Study on the Effect of Molecular Structural Variations on the CO ₂ Absorption Characteristics of Heterocyclic Amines, Part II. <i>ChemPhysChem</i> , 2012, 13, 2331-2341.	1.0	39
68	Development of Second-Generation Indole-Based Dynamin GTPase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 46-59.	2.9	39
69	Analysis of Gold in Solutions Containing Ionic Liquids by Inductively Coupled Plasma Atomic Emission Spectrometry. <i>Australian Journal of Chemistry</i> , 2004, 57, 151.	0.5	38
70	Inhibition of clathrin by pitstop 2 activates the spindle assembly checkpoint and induces cell death in dividing HeLa cancer cells. <i>Molecular Cancer</i> , 2013, 12, 4.	7.9	38
71	Simian Hemorrhagic Fever Virus Cell Entry Is Dependent on CD163 and Uses a Clathrin-Mediated Endocytosis-Like Pathway. <i>Journal of Virology</i> , 2015, 89, 844-856.	1.5	38
72	Pharmacophore Development for Corticotropin-Releasing Hormone: New Insights into Inhibitor Activity. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 2351-2357.	2.9	36

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73	Azido and Diazarinyl Analogues of Bis-tyrphostin as Asymmetrical Inhibitors of Dynamin GTPase. <i>ChemMedChem</i> , 2009, 4, 1182-1188.	1.6	36
74	Calcineurin activity is required for the completion of cytokinesis. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 3725-3737.	2.4	36
75	Norcantharidin analogues with nematocidal activity in <i>Haemonchus contortus</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 3277-3281.	1.0	36
76	Ionic liquids as porogens for molecularly imprinted polymers: propranolol, a model study. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 7201-7210.	1.5	36
77	Serine/threonine phosphatases in socioeconomically important parasitic nematodes—Prospects as novel drug targets?. <i>Biotechnology Advances</i> , 2011, 29, 28-39.	6.0	35
78	A Highly Atom Efficient, Solvent Promoted Addition of Tetraallylic, Tetraallenic, and Tetrapropargylic Stannanes to Carbonyl Compounds. <i>Journal of Organic Chemistry</i> , 2001, 66, 7811-7817.	1.7	34
79	Synthesis and biological evaluation of norcantharidin analogues: Towards PP1 selectivity. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 7301-7310.	1.4	34
80	New impurity profiles of recent Australian imported “ice”: Methamphetamine impurity profiling and the identification of (pseudo)ephedrine and Leuckart specific marker compounds. <i>Forensic Science International</i> , 2007, 169, 173-180.	1.3	34
81	Synthesis and biological activity of $\hat{1}^n$ -5,6-norcantharimides: importance of the 5,6-bridge. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 1717-1723.	2.6	34
82	A facile, protic ionic liquid route to N-substituted 5-hydroxy-4-methyl-3-oxoisindoline-1-carboxamides and N-substituted 3-oxoisindoline-4-carboxylic acids. <i>Green Chemistry</i> , 2010, 12, 1000.	4.6	34
83	BiCl ₃ -mediated opening of epoxides, a facile route to chlorohydrins or amino alcohols: one reagent, two paths. <i>Tetrahedron Letters</i> , 2005, 46, 8229-8232.	0.7	33
84	Australian Federal Police seizures of illicit crystalline methamphetamine (“ice”) 1998–2002: Impurity analysis. <i>Forensic Science International</i> , 2006, 164, 201-210.	1.3	33
85	Actin- and Dynamin-Dependent Maturation of Bulk Endocytosis Restores Neurotransmission following Synaptic Depletion. <i>PLoS ONE</i> , 2012, 7, e36913.	1.1	33
86	From Spanish fly to room-temperature ionic liquids (RTILs): synthesis, thermal stability and inhibition of dynamin 1 GTPase by a novel class of RTILs. <i>New Journal of Chemistry</i> , 2008, 32, 28-36.	1.4	32
87	Synthesis of the Pitstop family of clathrin inhibitors. <i>Nature Protocols</i> , 2014, 9, 1592-1606.	5.5	32
88	A simple one pot procedure for the generation of homoallylic alcohols from acetals and amino acetals. <i>Tetrahedron Letters</i> , 1997, 38, 5217-5218.	0.7	31
89	Molecularly Imprinted Polymers and Room Temperature Ionic Liquids: Impact of Template on Polymer Morphology. <i>Australian Journal of Chemistry</i> , 2007, 60, 51.	0.5	31
90	The solvent promoted addition of tetraallyltin to aldehydes: A convenient and chemoselective allylation procedure. <i>Tetrahedron Letters</i> , 1996, 37, 1905-1908.	0.7	30

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91	Tetraallylstannane and Weinreb amides: a simple "green" route to N-protected homoallylic alcohols and allyl ketones. <i>Tetrahedron Letters</i> , 2000, 41, 8147-8151.	0.7	30
92	Synthesis and anticancer activity of focused compound libraries from the natural product lead, oroidin. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 1690-1699.	1.4	30
93	Hedgehog signalling pathway inhibitors as cancer suppressing agents. <i>MedChemComm</i> , 2014, 5, 117-133.	3.5	29
94	Robenidine Analogues as Gram-Positive Antibacterial Agents. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 2126-2138.	2.9	29
95	A thermodynamic investigation of solvent-free reactions. <i>Green Chemistry</i> , 2003, 5, 30-33.	4.6	28
96	Cytotoxic 2-phenylacrylnitriles, the importance of the cyanide moiety and discovery of potent broad spectrum cytotoxic agents. <i>European Journal of Medicinal Chemistry</i> , 2012, 57, 65-73.	2.6	28
97	Norcantharimide analogues possessing terminal phosphate esters and their anti-cancer activity. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 5734-5741.	1.4	27
98	A flow chemistry route to 2-phenyl-3-(1H-pyrrol-2-yl)propan-1-amines. <i>Tetrahedron Letters</i> , 2011, 52, 1583-1586.	0.7	27
99	Pyrimidyn Compounds: Dual-Action Small Molecule Pyrimidine-Based Dynamine Inhibitors. <i>ACS Chemical Biology</i> , 2013, 8, 1507-1518.	1.6	27
100	Investigation of the one-pot synthesis of quinolin-2-(1H)-ones and the discovery of a variation of the three-component Ugi reaction. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 1419.	1.5	26
101	Regioselective N- and C2-electrophilic substitution of 3-substituted indoles. <i>Tetrahedron Letters</i> , 2005, 46, 2915-2918.	0.7	25
102	A mild Boc deprotection and the importance of a free carboxylate. <i>Tetrahedron Letters</i> , 2008, 49, 6962-6964.	0.7	25
103	Clathrin Terminal Domain-Ligand Interactions Regulate Sorting of Mannose 6-Phosphate Receptors Mediated by AP-1 and GGA Adaptors. <i>Journal of Biological Chemistry</i> , 2014, 289, 4906-4918.	1.6	25
104	Focused library development of 2-phenylacrylamides as broad spectrum cytotoxic agents. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 333-347.	1.4	24
105	Molecular dynamics approaches to the design and synthesis of PCB targeting molecularly imprinted polymers: interference to monomer-template interactions in imprinting of 1,2,3-trichlorobenzene. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 844-853.	1.5	24
106	Development of 1,8-Naphthalimides as Clathrin Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 131-143.	2.9	24
107	The Role of the HPA Axis in Psychiatric Disorders and CRF Antagonists as Potential Treatments. <i>Archiv Der Pharmazie</i> , 2006, 339, 346-355.	2.1	23
108	The antiplasmodial activity of norcantharidin analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 6688-6695.	1.0	23

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109	Development of quinone analogues as dynamin GTPase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2014, 85, 191-206.	2.6	23
110	Glycogen synthase kinase 3 regulates acrosomal exocytosis in mouse spermatozoa <i>via</i> dynamin phosphorylation. <i>FASEB Journal</i> , 2015, 29, 2872-2882.	0.2	22
111	Synthesis and Evaluation of a Molecularly Imprinted Polymer Selective to 2,4,6-Trichloroanisole. <i>Australian Journal of Chemistry</i> , 2006, 59, 129.	0.5	21
112	2-Pyridylnitrene from Tetrazolo[1,5- <i>a</i>]pyridine and Pyrido[2,3- <i>a</i>][1,2,4]oxadiazol-2-one. <i>Journal of Organic Chemistry</i> , 2008, 73, 6265-6267.	1.7	21
113	In vitro Antimicrobial Activity of Robenidine, Ethylenediaminetetraacetic Acid and Polymyxin B Nonapeptide Against Important Human and Veterinary Pathogens. <i>Frontiers in Microbiology</i> , 2019, 10, 837.	1.5	21
114	Small molecule inhibitors in pancreatic cancer. <i>RSC Medicinal Chemistry</i> , 2020, 11, 164-183.	1.7	21
115	Synthesis, molecular modeling and biological activity of methyl and thiomethyl substituted pyrimidines as corticotropin releasing hormone type 1 antagonists. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 3353-3361.	1.5	20
116	An efficient continuous flow approach to furnish furan-based biaryls. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 9562-9571.	1.5	20
117	(<i>Z</i>)-2-(3,4-Dichlorophenyl)-3-(1 <i>H</i> -Pyrrol-2-yl)Acrylonitrile Exhibits Selective Antitumor Activity in Breast Cancer Cell Lines via the Aryl Hydrocarbon Receptor Pathway. <i>Molecular Pharmacology</i> , 2018, 93, 168-177.	1.0	20
118	Dichlorophenylacrylonitriles as AhR Ligands That Display Selective Breast Cancer Cytotoxicity in vitro. <i>ChemMedChem</i> , 2018, 13, 1447-1458.	1.6	20
119	Small molecule inhibition of Dynamin-dependent endocytosis targets multiple niche signals and impairs leukemia stem cells. <i>Nature Communications</i> , 2020, 11, 6211.	5.8	20
120	A “cold synthesis” of heroin and implications in heroin signature analysis. <i>Forensic Science International</i> , 2006, 164, 221-229.	1.3	19
121	A Direct Fluorescent Activity Assay for Glycosyltransferases Enables Convenient High-Throughput Screening: Application to <i>O</i> -GlcNAc Transferase. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9601-9609.	7.2	19
122	1,8-Naphthalimide derivatives: new leads against dynamin I GTPase activity. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 8016-8028.	1.5	18
123	HIV infection is influenced by dynamin at 3 independent points in the viral life cycle. <i>Traffic</i> , 2017, 18, 392-410.	1.3	18
124	Pyrimidine-Based Inhibitors of Dynamin I GTPase Activity: Competitive Inhibition at the Pleckstrin Homology Domain. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 349-361.	2.9	18
125	An Ugi-intramolecular Diels-Alder route to highly substituted tetrahydroepoxyisoindole carboxamides. <i>Tetrahedron</i> , 2011, 67, 554-561.	1.0	17
126	Targeting Glioma Stem Cells by Functional Inhibition of Dynamin 2: A Novel Treatment Strategy for Glioblastoma. <i>Cancer Investigation</i> , 2019, 37, 144-155.	0.6	17

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127	The use of effective fragment potentials in the design and synthesis of molecularly imprinted polymers for the group recognition of PCBs. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 4646.	1.5	16
128	Expanding the utility of flow hydrogenation – a robust protocol restricting hydrodehalogenation. <i>RSC Advances</i> , 2014, 4, 56743-56748.	1.7	16
129	In vitro synergistic activity of NCL195 in combination with colistin against Gram-negative bacterial pathogens. <i>International Journal of Antimicrobial Agents</i> , 2021, 57, 106323.	1.1	16
130	Role of Clathrin and Dynamin in Clathrin Mediated Endocytosis/Synaptic Vesicle Recycling and Implications in Neurological Diseases. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 754110.	1.8	16
131	Small Molecule Inhibitors of Protein Kinases in Cancer- How to Overcome Resistance. <i>Mini-Reviews in Medicinal Chemistry</i> , 2006, 6, 1101-1110.	1.1	15
132	Steroids from an Australian Sponge <i>Psammoclema</i> sp.. <i>Journal of Natural Products</i> , 2009, 72, 102-106.	1.5	15
133	Cytotoxic compounds from <i>Laurencia pacifica</i> . <i>Organic and Medicinal Chemistry Letters</i> , 2014, 4, 8.	2.0	15
134	Effect of drying techniques and operating conditions on the retention of color, phenolics, and antioxidant properties in dried lemon scented tea tree (<i>Leptospermum petersonii</i>) leaves. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e15257.	0.9	15
135	An infrared study of the formation and photochemical decomposition of tetrachlorocyclopentadienone O-oxide in low temperature matrices. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1986, 42, 567-574.	0.1	14
136	Solvent Assisted Addition of Tetraallylic, Tetraallenic and Tetrapropargylic Stannanes to Aldehydes and Acetals. <i>Synlett</i> , 1998, 1998, 909-911.	1.0	14
137	Chemoselective flow hydrogenation approaches to isoindole-7-carboxylic acids and 7-oxa-bicyclo[2.2.1]heptanes. <i>RSC Advances</i> , 2014, 4, 9709.	1.7	14
138	Characterization of a novel role for the dynamin mechanoenzymes in the regulation of human sperm acrosomal exocytosis. <i>Molecular Human Reproduction</i> , 2017, 23, 657-673.	1.3	14
139	<i>In situ</i> epoxide generation by dimethyldioxirane oxidation and the use of epichlorohydrin in the flow synthesis of a library of β -amino alcohols. <i>Royal Society Open Science</i> , 2018, 5, 171190.	1.1	14
140	In vitro Activity of Robenidine Analog NCL195 in Combination With Outer Membrane Permeabilizers Against Gram-Negative Bacterial Pathogens and Impact on Systemic Gram-Positive Bacterial Infection in Mice. <i>Frontiers in Microbiology</i> , 2020, 11, 1556.	1.5	14
141	Water promoted organic chemistry. <i>Green Chemistry</i> , 1999, 1, 167-168.	4.6	13
142	Effect of template on the formation of phase-inversed molecularly imprinted polymer thin films: an assessment. <i>Soft Matter</i> , 2009, 5, 3663.	1.2	13
143	Discovery of acrylonitrile-based small molecules active against <i>Haemonchus contortus</i> . <i>MedChemComm</i> , 2014, 5, 159-164.	3.5	13
144	Back to (non-)Basics: An Update on Neutral and Charge-Balanced Glycosidase Inhibitors. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018, 18, 812-827.	1.1	13

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