David Fairlie

List of Publications by Year
in descending order

448 papers	31,807 citations	3933 88 h-index	6995 154 g-index
483 all docs	483 docs citations	483 times ranked	28752 citing authors

#	Article	IF	Citations
1	The Future of Peptideâ€based Drugs. Chemical Biology and Drug Design, 2013, 81, 136-147.	3.2	1,483
2	MR1 presents microbial vitamin B metabolites to MAIT cells. Nature, 2012, 491, 717-723.	27.8	1,158
3	Protease Inhibitors:â€‰ Current Status and Future Prospects. Journal of Medicinal Chemistry, 2000, 43, 305-341.	6.4	849
4	T-cell activation by transitory neo-antigens derived from distinct microbial pathways. Nature, 2014, 509, 361-365.	27.8	731
5	Cu(II) Potentiation of Alzheimer AÎ² Neurotoxicity. Journal of Biological Chemistry, 1999, 274, 37111-37116.	3.4	688
6	Characterization of Copper Interactions with Alzheimer Amyloid Î² Peptides. Journal of Neurochemistry, 2008, 75, 1219-1233.	3.9	566
7	Antigen-loaded MR1 tetramers define T cell receptor heterogeneity in mucosal-associated invariant T cells. Journal of Experimental Medicine, 2013, 210, 2305-2320.	8.5	516
8	Solution Structure of Amyloid Î²-Peptide(1â˜'40) in a Waterâ˜'Micelle Environment. Is the Membrane-Spanning Domain Where We Think It Is?[,]. Biochemistry, 1998, 37, 11064-11077.	2.5	498
9	Histone deacetylases as regulators of inflammation and immunity. Trends in Immunology, 2011, 32, 335-343.	6.8	456
10	Aqueous Dissolution of Alzheimer's Disease AÎ² Amyloid Deposits by Biometal Depletion. Journal of Biological Chemistry, 1999, 274, 23223-23228.	3.4	454
11	Proteases Universally Recognize Beta Strands In Their Active Sites. Chemical Reviews, 2005, 105, 973-1000.	47.7	371
12	Identification of phenotypically and functionally heterogeneous mouse mucosal-associated invariant T cells using MR1 tetramers. Journal of Experimental Medicine, 2015, 212, 1095-1108.	8.5	348
13	Constraining Cyclic Peptides To Mimic Protein Structure Motifs. Angewandte Chemie - International Edition, 2014, 53, 13020-13041.	13.8	338
14	Function, structure and therapeutic potential of complement C5a receptors. British Journal of Pharmacology, 2007, 152, 429-448.	5.4	334
15	Structure, function and pathophysiology of protease activated receptors. , 2011, 130, 248-282.		315
16	Orally Absorbed Cyclic Peptides. Chemical Reviews, 2017, 117, 8094-8128.	47.7	307
17	A three-stage intrathymic development pathway for the mucosal-associated invariant T cell lineage. Nature Immunology, 2016, 17, 1300-1311.	14.5	288
18	Single Turn Peptide Alpha Helices with Exceptional Stability in Water. Journal of the American Chemical Society, 2005, 127, 2974-2983.	13.7	282

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19	Activity of Recombinant Dengue 2 Virus NS3 Protease in the Presence of a Truncated NS2B Co-factor, Small Peptide Substrates, and Inhibitors. Journal of Biological Chemistry, 2001, 276, 45762-45771.	3.4	276
20	Alpha-synuclein structure and Parkinsonâ€™s disease â€“ lessons and emerging principles. Molecular Neurodegeneration, 2019, 14, 29.	10.8	262
21	Recognition of vitamin B metabolites by mucosal-associated invariant T cells. Nature Communications, 2013, 4, 2142.	12.8	261
22	Histone Deacetylase Inhibitors Trigger a G2 Checkpoint in Normal Cells That Is Defective in Tumor Cells. Molecular Biology of the Cell, 2000, 11, 2069-2083.	2.1	246
23	Human mucosal-associated invariant T cells contribute to antiviral influenza immunity via IL-18â€“dependent activation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 10133-10138.	7.1	246
24	A molecular basis underpinning the T cell receptor heterogeneity of mucosal-associated invariant T cells. Journal of Experimental Medicine, 2014, 211, 1585-1600.	8.5	245
25	Protease Inhibitors in the Clinic. Medicinal Chemistry, 2005, 1, 71-104.	1.5	244
26	Low-Molecular-Weight Peptidic and Cyclic Antagonists of the Receptor for the Complement Factor C5a. Journal of Medicinal Chemistry, 1999, 42, 1965-1974.	6.4	241
27	Inflammatory lipid mediators in adipocyte function and obesity. Nature Reviews Endocrinology, 2010, 6, 71-82.	9.6	240
28	Over One Hundred Peptide-Activated G Protein-Coupled Receptors Recognize Ligands with Turn Structure. Chemical Reviews, 2005, 105, 793-826.	47.7	219
29	Mucosal-associated invariant T-cell activation and accumulation after in vivo infection depends on microbial riboflavin synthesis and co-stimulatory signals. Mucosal Immunology, 2017, 10, 58-68.	6.0	216
30	Beta-Strand Mimetics. Chemical Reviews, 2004, 104, 6085-6118.	47.7	215
31	Human blood MAIT cell subsets defined using MR1 tetramers. Immunology and Cell Biology, 2018, 96, 507-525.	2.3	205
32	Macrocyclic Peptidomimetics Forcing Peptides into Bioactive Conformations. Current Medicinal Chemistry, 1995, 2, 654-686.	2.4	192
33	Taking the Myc out of cancer: toward therapeutic strategies to directly inhibit c-Myc. Molecular Cancer, 2021, 20, 3.	19.2	191
34	A small molecule C5a receptor antagonist protects kidneys from ischemia/reperfusion injury in rats. Kidney International, 2003, 63, 134-142.	5.2	182
35	Homogeneous catalysis. Conversion of 4-pentenals to cyclopentanones by efficient rhodium-catalyzed hydroacylation. Organometallics, 1988, 7, 936-945.	2.3	177
36	Intravenous immunoglobulin (IVIG) protects the brain against experimental stroke by preventing complement-mediated neuronal cell death. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 14104-14109.	7.1	177

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37	Histone Deacetylase Inhibitors In Inflammatory Disease. Current Topics in Medicinal Chemistry, 2009, 9, 309-319.	2.1	177
38	MAIT cells protect against pulmonary Legionella longbeachae infection. Nature Communications, 2018, 9, 3350.	12.8	177
39	New insights into growth hormone action. Journal of Molecular Endocrinology, 2006, 36, 1-7.	2.5	176
40	Drugs and drug-like molecules can modulate the function of mucosal-associated invariant T cells. Nature Immunology, 2017, 18, 402-411.	14.5	175
41	A new paradigm for protein kinase inhibition: blocking phosphorylation without directly targeting ATP binding. Drug Discovery Today, 2007, 12, 622-633.	6.4	170
42	Diversity of T Cells Restricted by the MHC Class I-Related Molecule MR1 Facilitates Differential Antigen Recognition. Immunity, 2016, 44, 32-45.	14.3	169
43	Differential effects of selective HDAC inhibitors on macrophage inflammatory responses to the Toll-like receptor 4 agonist LPS. Journal of Leukocyte Biology, 2010, 87, 1103-1114.	3.3	163
44	Downsizing human, bacterial, and viral proteins to short water-stable alpha helices that maintain biological potency. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11686-11691.	7.1	162
45	Targeting HIV-1 protease: A test of drug-design methodologies. Trends in Pharmacological Sciences, 1995, 16, 67-75.	8.7	155
46	Biased signalling and proteinaseâ€activated receptors (<scp>PAR</scp>s): targeting inflammatory disease. British Journal of Pharmacology, 2014, 171, 1180-1194.	5.4	153
47	Comparative Î±â€Helicity of Cyclic Pentapeptides in Water. Angewandte Chemie - International Edition, 2014, 53, 6965-6969.	13.8	153
48	Complement C5a Receptor Facilitates Cancer Metastasis by Altering T-Cell Responses in the Metastatic Niche. Cancer Research, 2014, 74, 3454-3465.	0.9	151
49	Systemic delivery of peptides by the oral route: Formulation and medicinal chemistry approaches. Advanced Drug Delivery Reviews, 2020, 157, 2-36.	13.7	150
50	Conformational Selection of Inhibitors and Substrates by Proteolytic Enzymes:Â Implications for Drug Design and Polypeptide Processing. Journal of Medicinal Chemistry, 2000, 43, 1271-1281.	6.4	146
51	Solution Structure of Methionine-Oxidized Amyloid Î²-Peptide (1â”40). Does Oxidation Affect Conformational Switching?â€,â€¡. Biochemistry, 1998, 37, 12700-12706.	2.5	144
52	Update 1 of: Proteases Universally Recognize Beta Strands In Their Active Sites. Chemical Reviews, 2010, 110, PR1-PR31.	47.7	144
53	Towards Protein Surface Mimetics. Current Medicinal Chemistry, 1998, 5, 29-62.	2.4	135
54	Tumor cellâ€specific cytotoxicity by targeting cell cycle checkpoints. FASEB Journal, 2003, 17, 1-21.	0.5	132

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55	Structure of West Nile Virus NS3 Protease: Ligand Stabilization of the Catalytic Conformation. Journal of Molecular Biology, 2009, 385, 1568-1577.	4.2	131
56	Potencies of Human Immunodeficiency Virus Protease Inhibitors In Vitro against Plasmodium falciparum and In Vivo against Murine Malaria. Antimicrobial Agents and Chemotherapy, 2006, 50, 639-648.	3.2	130
57	Rational design and synthesis of an orally bioavailable peptide guided by NMR amide temperature coefficients. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17504-17509.	7.1	130
58	The intracellular pathway for the presentation of vitamin Bâ€“related antigens by the antigen-presenting molecule MR1. Nature Immunology, 2016, 17, 531-537.	14.5	127
59	Amyloid peptides and proteins in review. , 2007, 159, 1-77.		125
60	Improving on Nature: Making a Cyclic Heptapeptide Orally Bioavailable. Angewandte Chemie - International Edition, 2014, 53, 12059-12063.	13.8	123
61	Recognition of Vitamin B Precursors and Byproducts by Mucosal Associated Invariant T Cells. Journal of Biological Chemistry, 2015, 290, 30204-30211.	3.4	123
62	Functional Heterogeneity and Antimycobacterial Effects of Mouse Mucosal-Associated Invariant T Cells Specific for Riboflavin Metabolites. Journal of Immunology, 2015, 195, 587-601.	0.8	121
63	Homogeneous catalysis. Mechanism of catalytic hydroacylation: the conversion of 4-pentenals to cyclopentanones. Organometallics, 1988, 7, 946-954.	2.3	118
64	crystal Structure and Electrospray Ionization Mass Spectrometry, Electron Paramagnetic Resonance, and Magnetic Susceptibility Study of [Cu2(ascidH2)(1,2-.mu.-CO3)(H2O)2].cntdot.2H2O, the Bis(copper(II)) Complex of Ascidiacyclamide (ascidH4), a Cyclic Peptide Isolated from the Ascidian Lissoclinum patella. Inorganic Chemistry, 1994, 33, 3549-3557.	4.0	118
65	Antifibrotic activity of an inhibitor of histone deacetylases in DOCAâ€salt hypertensive rats. British Journal of Pharmacology, 2010, 159, 1408-1417.	5.4	118
66	Stabilizing short-lived Schiff base derivatives of 5-aminouracils that activate mucosal-associated invariant T cells. Nature Communications, 2017, 8, 14599.	12.8	113
67	Cleavage of hemoglobin by hookworm cathepsin D aspartic proteases and its potential contribution to host specificity. FASEB Journal, 2002, 16, 1458-1460.	0.5	112
68	Potent Antimalarial Activity of Histone Deacetylase Inhibitor Analogues. Antimicrobial Agents and Chemotherapy, 2008, 52, 1454-1461.	3.2	112
69	C5aR and C3aR antagonists each inhibit dietâ€induced obesity, metabolic dysfunction, and adipocyte and macrophage signaling. FASEB Journal, 2013, 27, 822-831.	0.5	112
70	Anti-malarial effect of histone deacetylation inhibitors and mammalian tumour cytodifferentiating agents. International Journal for Parasitology, 2000, 30, 761-768.	3.1	111
71	Antiarthritic activity of an orally active C5a receptor antagonist against antigen-induced monarticular arthritis in the rat. Arthritis and Rheumatism, 2002, 46, 2476-2485.	6.7	111
72	Flavones are inhibitors of HIV-1 proteinase. Biochemical and Biophysical Research Communications, 1992, 188, 631-637.	2.1	110

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73	A Potent Human C5a Receptor Antagonist Protects against Disease Pathology in a Rat Model of Inflammatory Bowel Disease. Journal of Immunology, 2003, 171, 5514-5520.	0.8	109
74	Proteolysis of human hemoglobin by schistosome cathepsin D. Molecular and Biochemical Parasitology, 2001, 112, 103-112.	1.1	108
75	Anti-tumour activity in vitro and in vivo of selective differentiating agents containing hydroxamate. British Journal of Cancer, 1999, 80, 1252-1258.	6.4	107
76	Catalystâ€Free Nâ€Arylation Using Unactivated Fluorobenzenes. Angewandte Chemie - International Edition, 2012, 51, 8012-8016.	13.8	105
77	A 195Pt and 15N N.M.R. study of the anticancer drug, cis-diammine-dichloroplatinum(II), and its hydrolysis and oligomerization products. Australian Journal of Chemistry, 1981, 34, 659.	0.9	104
78	A New Small Molecule C5a Receptor Antagonist Inhibits the Reverse-Passive Arthus Reaction and Endotoxic Shock in Rats. Journal of Immunology, 2000, 164, 6560-6565.	0.8	103
79	Enzymatic Characterization and Homology Model of a Catalytically Active Recombinant West Nile Virus NS3 Protease. Journal of Biological Chemistry, 2004, 279, 48535-48542.	3.4	103
80	Lysine acetylation in obesity, diabetes and metabolic disease. Immunology and Cell Biology, 2012, 90, 39-46.	2.3	101
81	MAIT Cells Promote Tumor Initiation, Growth, and Metastases via Tumor MR1. Cancer Discovery, 2020, 10, 124-141.	9.4	101
82	Potent Cyclic Antagonists of the Complement C5a Receptor on Human Polymorphonuclear Leukocytes. Relationships between Structures and Activity. Molecular Pharmacology, 2004, 65, 868-879.	2.3	100
83	Stapling peptides using cysteine crosslinking. Biopolymers, 2016, 106, 843-852.	2.4	99
84	A class of Î³Î´ T cell receptors recognize the underside of the antigen-presenting molecule MR1. Science, 2019, 366, 1522-1527.	12.6	98
85	Modulating human proteinase activated receptor 2 with a novel antagonist (GB88) and agonist (GB110). British Journal of Pharmacology, 2012, 165, 1413-1423.	5.4	96
86	Histone deacetylases in monocyte/macrophage development, activation and metabolism: refining HDAC targets for inflammatory and infectious diseases. Clinical and Translational Immunology, 2016, 5, e62.	3.8	96
87	In silico screening of small molecule libraries using the dengue virus envelope E protein has identified compounds with antiviral activity against multiple flaviviruses. Antiviral Research, 2009, 84, 234-241.	4.1	95
88	Dietâ€induced obesity, adipose inflammation, and metabolic dysfunction correlating with PAR2 expression are attenuated by PAR2 antagonism. FASEB Journal, 2013, 27, 4757-4767.	0.5	93
89	Novel Agonists and Antagonists for Human Protease Activated Receptor 2. Journal of Medicinal Chemistry, 2010, 53, 7428-7440.	6.4	91
90	An antagonist of human protease activated receptorâ€2 attenuates PAR2 signaling, macrophage activation, mast cell degranulation, and collagenâ€induced arthritis in rats. FASEB Journal, 2012, 26, 2877-2887.	0.5	91

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91	Macrocycles Mimic The Extended Peptide Conformation Recognized By Aspartic, Serine, Cysteine and Metallo Proteases. Current Medicinal Chemistry, 2001, 8, 893-907.	2.4	90
92	Nonpeptidic Ligands for Peptide-Activated G Protein-Coupled Receptors. Chemical Reviews, 2007, 107, 2960-3041.	47.7	90
93	Is Oxidative Damage by Î²-Amyloid and Prion Peptides Mediated by Hydrogen Atom Transfer from Glycine Î±-Carbon to Methionine Sulfur within Î²-Sheets?. Journal of the American Chemical Society, 2000, 122, 9761-9767.	13.7	89
94	Small Molecular Probes for G-Protein-Coupled C5a Receptors:Â Conformationally Constrained Antagonists Derived from the C Terminus of the Human Plasma Protein C5a. Journal of Medicinal Chemistry, 1998, 41, 3417-3425.	6.4	88
95	Protective Effect of a New C5a Receptor Antagonist against Ischemiaâ€“Reperfusion Injury in the Rat Small Intestine. Journal of Surgical Research, 2002, 103, 260-267.	1.6	88
96	Homogeneous catalysis: catalytic intramolecular conversion of 1,4-dialdehydes to .gamma.-lactones. Organometallics, 1990, 9, 566-571.	2.3	85
97	Update 1 of: Beta-Strand Mimetics. Chemical Reviews, 2010, 110, PR32-PR69.	47.7	85
98	X-ray absorption spectroscopy of cadmium phytochelatin and model systems. BBA - Proteins and Proteomics, 1999, 1429, 351-364.	2.1	83
99	Antagonism of Protease-Activated Receptor 2 Protects against Experimental Colitis. Journal of Pharmacology and Experimental Therapeutics, 2012, 340, 256-265.	2.5	83
100	Î±-Turn Mimetics:â€‰ Short Peptide Î±-Helices Composed of Cyclic Metallopentapeptide Modules. Journal of the American Chemical Society, 2004, 126, 4828-4842.	13.7	82
101	Effect of clinically approved HDAC inhibitors on Plasmodium, Leishmania and Schistosoma parasite growth. International Journal for Parasitology: Drugs and Drug Resistance, 2017, 7, 42-50.	3.4	82
102	Histone Deacetylase 7 Promotes Toll-like Receptor 4-dependent Proinflammatory Gene Expression in Macrophages. Journal of Biological Chemistry, 2013, 288, 25362-25374.	3.4	81
103	Pharmacological characterization of antagonists of the C5a receptor. British Journal of Pharmacology, 1999, 128, 1461-1466.	5.4	79
104	Enumeration, functional responses and cytotoxic capacity of MAIT cells in newly diagnosed and relapsed multiple myeloma. Scientific Reports, 2018, 8, 4159.	3.3	79
105	Homology model of the dengue 2 virus NS3 protease: putative interactions with both substrate and NS2B cofactor.. Journal of General Virology, 1999, 80, 1167-1177.	2.9	78
106	Hookworm Aspartic Protease,Naâ€APRâ€2, Cleaves Human Hemoglobin and Serum Proteins in a Hostâ€Specific Fashion. Journal of Infectious Diseases, 2003, 187, 484-494.	4.0	78
107	Insights to Substrate Binding and Processing by West Nile Virus NS3 Protease through Combined Modeling, Protease Mutagenesis, and Kinetic Studies. Journal of Biological Chemistry, 2006, 281, 38448-38458.	3.4	78
108	Targeting Histone Deacetylase Inhibitors for Anti-Malarial Therapy. Current Topics in Medicinal Chemistry, 2009, 9, 292-308.	2.1	78

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109	Recipient mucosal-associated invariant T cells control GVHD within the colon. Journal of Clinical Investigation, 2018, 128, 1919-1936.	8.2	78
110	Substrate-Based Cyclic Peptidomimetics of Phe-Ile-Val That Inhibit HIV-1 Protease Using a Novel Enzyme-Binding Mode. Journal of the American Chemical Society, 1996, 118, 3375-3379.	13.7	77
111	Potent Cationic Inhibitors of West Nile Virus NS2B/NS3 Protease With Serum Stability, Cell Permeability and Antiviral Activity. Journal of Medicinal Chemistry, 2008, 51, 5714-5721.	6.4	77
112	West Nile Virus NS2B/NS3 Protease As An Antiviral Target. Current Medicinal Chemistry, 2008, 15, 2771-2784.	2.4	77
113	Profiling the anti-protozoal activity of anti-cancer HDAC inhibitors against Plasmodium and Trypanosoma parasites. International Journal for Parasitology: Drugs and Drug Resistance, 2015, 5, 117-126.	3.4	77
114	IL-23 costimulates antigen-specific MAIT cell activation and enables vaccination against bacterial infection. Science Immunology, 2019, 4, .	11.9	75
115	A divergent transcriptional landscape underpins the development and functional branching of MAIT cells. Science Immunology, 2019, 4, .	11.9	75
116	The First Solution Stucture of a Single Î±-Helical Turn. A Pentapeptide Î±-Helix Stabilized by a Metal Clip. Journal of the American Chemical Society, 2000, 122, 10488-10489.	13.7	74
117	Protective effects of a potent c5a receptor antagonist on experimental acute limb ischemia-reperfusion in rats. Journal of Surgical Research, 2004, 116, 81-90.	1.6	74
118	Antimalarial Activity of the Anticancer Histone Deacetylase Inhibitor SB939. Antimicrobial Agents and Chemotherapy, 2012, 56, 3849-3856.	3.2	74
119	Diverse MR1-restricted T cells in mice and humans. Nature Communications, 2019, 10, 2243.	12.8	74
120	Î²-Strand Mimicking Macrocyclic Amino Acids:â€‰ Templates for Protease Inhibitors with Antiviral Activity. Journal of Medicinal Chemistry, 2002, 45, 371-381.	6.4	73
121	D-Tyrosine as a Chiral Precusor to Potent Inhibitors of Human Nonpancreatic Secretory Phospholipase A2 (IIa) with Antiinflammatory Activity. ChemBioChem, 2003, 4, 181-185.	2.6	72
122	Comparative anti-inflammatory activities of antagonists to C3a and C5a receptors in a rat model of intestinal ischaemia/reperfusion injury. British Journal of Pharmacology, 2004, 142, 756-764.	5.4	70
123	Modular Î±-Helical Mimetics with Antiviral Activity against Respiratory Syncitial Virus. Journal of the American Chemical Society, 2006, 128, 13284-13289.	13.7	70
124	Inflammatory Responses Induced by Lipopolysaccharide Are Amplified in Primary Human Monocytes but Suppressed in Macrophages by Complement Protein C5a. Journal of Immunology, 2013, 191, 4308-4316.	0.8	70
125	Amide-Iminol Tautomerism: Effect of Metalation. Inorganic Chemistry, 1994, 33, 6425-6428.	4.0	68
126	Synthesis, Stability, Antiviral Activity, and Protease-Bound Structures of Substrate-Mimicking Constrained Macrocyclic Inhibitors of HIV-1 Protease. Journal of Medicinal Chemistry, 2000, 43, 3495-3504.	6.4	68

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127	Protective effect of a human C5a receptor antagonist against hepatic ischaemia-reperfusion injury in rats. Journal of Hepatology, 2004, 40, 934-941.	3.7	68
128	Agonists and Antagonists of Protease Activated Receptors (PARs). Current Medicinal Chemistry, 2006, 13, 243-265.	2.4	68
129	Toward Drugs for Protease-Activated Receptor 2 (PAR2). Journal of Medicinal Chemistry, 2013, 56, 7477-7497.	6.4	68
130	Conformationally Homogeneous Cyclic Tetrapeptides:â€‰ Useful New Three-Dimensional Scaffolds. Journal of the American Chemical Society, 2003, 125, 640-641.	13.7	67
131	Design, Synthesis, Potency, and Cytoselectivity of Anticancer Agents Derived by Parallel Synthesis from l±-Aminosuberic Acid. Journal of Medicinal Chemistry, 2006, 49, 7611-7622.	6.4	67
132	Update 1 of: Over One Hundred Peptide-Activated G Protein-Coupled Receptors Recognize Ligands with Turn Structure. Chemical Reviews, 2010, 110, PR1-PR41.	47.7	66
133	HDAC inhibitors: modulating leukocyte differentiation, survival, proliferation and inflammation. Immunology and Cell Biology, 2012, 90, 14-22.	2.3	66
134	Crystal Structures of Protein-Bound Cyclic Peptides. Chemical Reviews, 2019, 119, 9861-9914.	47.7	65
135	Conformational Control by Thiazole and Oxazoline Rings in Cyclic Octapeptides of Marine Origin. Novel Macrocyclic Chair and Boat Conformations. Journal of the American Chemical Society, 1996, 118, 10384-10388.	13.7	64
136	Models for Argincâ^'Metal Binding. Synthesis of Guanidine and Urea Ligands through Amination and Hydration of a Cyanamide Ligand Bound to Platinum(II), Osmium(III), and Cobalt(III). Inorganic Chemistry, 1997, 36, 1020-1028.	4.0	63
137	Inhibiting histone deacetylase 1 suppresses both inflammation and bone loss in arthritis. Rheumatology, 2015, 54, 1713-1723.	1.9	63
138	The Ribosomal Protein S19 Suppresses Antitumor Immune Responses via the Complement C5a Receptor 1. Journal of Immunology, 2017, 198, 2989-2999.	0.8	63
139	Comparative Gene Expression Profiling of P. falciparum Malaria Parasites Exposed to Three Different Histone Deacetylase Inhibitors. PLoS ONE, 2012, 7, e31847.	2.5	63
140	Binding of Copper(II) to the Cyclic Octapeptide Patellamide D. Inorganic Chemistry, 1994, 33, 2280-2289.	4.0	62
141	Inhibitors of histone deacetylases in class I and class II suppress human osteoclasts in vitro. Journal of Cellular Physiology, 2011, 226, 3233-3241.	4.1	62
142	Lysine Acetylation in Sexual Stage Malaria Parasites Is a Target for Antimalarial Small Molecules. Antimicrobial Agents and Chemotherapy, 2014, 58, 3666-3678.	3.2	62
143	Conformational homogeneity in molecular recognition by proteolytic enzymes. Journal of Molecular Recognition, 1999, 12, 363-370.	2.1	61
144	Novel Cylindrical, Conical, and Macrocyclic Peptides from the Cyclooligomerization of Functionalized Thiazole Amino Acids. Journal of the American Chemical Society, 2001, 123, 333-334.	13.7	61

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145	Total Synthesis, Structure, and Oral Absorption of a Thiazole Cyclic Peptide, Sanguinamide A. Organic Letters, 2012, 14, 5720-5723.	4.6	61
146	Lysine Deacetylases and Regulated Glycolysis in Macrophages. Trends in Immunology, 2018, 39, 473-488.	6.8	61
147	Effects of a new C5a receptor antagonist on C5a- and endotoxin- induced neutropenia in the rat. British Journal of Pharmacology, 1999, 126, 551-554.	5.4	60
148	Histone deacetylase inhibitors and periodontal bone loss. Journal of Periodontal Research, 2011, 46, 697-703.	2.7	60
149	An overview on the identification of <scp>MAIT</scp> cell antigens. Immunology and Cell Biology, 2018, 96, 573-587.	2.3	60
150	Inhibition of C5a-induced neutrophil chemotaxis and macrophage cytokine production in vitro by a new C5a receptor antagonist. Biochemical Pharmacology, 2000, 60, 729-733.	4.4	59
151	Consecutive Cyclic Pentapeptide Modules Form ShortÎ±-Helices that are Very Stable to Water and Denaturants. Angewandte Chemie - International Edition, 2004, 43, 2687-2690.	13.8	58
152	Flexibility versus Rigidity for Orally Bioavailable Cyclic Hexapeptides. ChemBioChem, 2015, 16, 2289-2293.	2.6	58
153	Comparing sixteen scoring functions for predicting biological activities of ligands for protein targets. Journal of Molecular Graphics and Modelling, 2015, 57, 76-88.	2.4	58
154	cis-Platinum(II) amine complexes: Some structure-activity relationships for immunosuppressive, nephrotoxic and gastrointestinal (side) effects in rats. Chemico-Biological Interactions, 1980, 31, 113-132.	4.0	56
155	Regioselective structural and functional mimicry of peptides. Design of hydrolytically-stable cyclic peptidomimetic inhibitors of HIV-1 protease.. Journal of the American Chemical Society, 1995, 117, 10220-10226.	13.7	56
156	Molecular Recognition of Macrocyclic Peptidomimetic Inhibitors by HIV-1 Proteaseâ€,â€¡. Biochemistry, 1999, 38, 7978-7988.	2.5	56
157	Conformationally Constrained Macrocycles That Mimic Tripeptide Î²-Strands in Water and Aprotic Solvents. Journal of the American Chemical Society, 2002, 124, 5673-5683.	13.7	56
158	Site-directed Mutagenesis and Kinetic Studies of the West Nile Virus NS3 Protease Identify Key Enzyme-Substrate Interactions. Journal of Biological Chemistry, 2005, 280, 2896-2903.	3.4	56
159	Cyclic Penta- and Hexaleucine Peptides without N-Methylation Are Orally Absorbed. ACS Medicinal Chemistry Letters, 2014, 5, 1148-1151.	2.8	55
160	Synthesis, characterization, and reactivity of the (.eta.2-acetone)pentaammineosmium(II) complex. Journal of the American Chemical Society, 1986, 108, 8223-8227.	13.7	54
161	Inhibition of immune-complex mediated dermal inflammation in rats following either oral or topical administration of a small molecule C5a receptor antagonist. British Journal of Pharmacology, 2001, 134, 1778-1786.	5.4	54
162	Pathwayâ€selective antagonism of proteinase activated receptor 2. British Journal of Pharmacology, 2014, 171, 4112-4124.	5.4	54

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163	Mucosal-Associated Invariant T Cells Augment Immunopathology and Gastritis in Chronic Helicobacter pylori Infection. Journal of Immunology, 2018, 200, 1901-1916.	0.8	54
164	Ex VivoActivity of Histone Deacetylase Inhibitors against Multidrug-Resistant Clinical Isolates ofPlasmodium falciparumandP. vivax. Antimicrobial Agents and Chemotherapy, 2011, 55, 961-966.	3.2	53
165	Mutagenesis of the West Nile virus NS2B cofactor domain reveals two regions essential for protease activity. Journal of General Virology, 2008, 89, 1010-1014.	2.9	52
166	Stereoelectronic Effects Dictate Molecular Conformation and Biological Function of Heterocyclic Amides. Journal of the American Chemical Society, 2014, 136, 11914-11917.	13.7	52
167	Class IIa Histone Deacetylases Drive Toll-like Receptor-Inducible Glycolysis and Macrophage Inflammatory Responses via Pyruvate Kinase M2. Cell Reports, 2020, 30, 2712-2728.e8.	6.4	51
168	Amide complexes of (diethylenetriamine)platinum(II). Inorganic Chemistry, 1992, 31, 4069-4074.	4.0	50
169	A Potent Antagonist of Protease-Activated Receptor 2 That Inhibits Multiple Signaling Functions in Human Cancer Cells. Journal of Pharmacology and Experimental Therapeutics, 2018, 364, 246-257.	2.5	50
170	Absence of mucosal-associated invariant T cells in a person with a homozygous point mutation in MR1. Science Immunology, 2020, 5, .	11.9	50
171	Synthesis and Structural Properties of Patellamide A Derivatives and Their Copper(ii) Compounds. Chemistry - A European Journal, 2002, 8, 1527-1536.	3.3	49
172	C5a, but not C5aâ€des Arg, induces upregulation of heteromer formation between complement C5a receptors C5aR and C5L2. Immunology and Cell Biology, 2013, 91, 625-633.	2.3	49
173	The Solution Structure of a Copper(II) Compound of a New Cyclic Octapeptide by EPR Spectroscopy and Force Field Calculations. Inorganic Chemistry, 1998, 37, 6721-6727.	4.0	48
174	Species dependence for binding of small molecule agonist and antagonists to the C5a receptor on polymorphonuclear leukocytes. Inflammation, 2001, 25, 171-177.	3.8	48
175	Histone Deacetylase Inhibitors Promote Mitochondrial Reactive Oxygen Species Production and Bacterial Clearance by Human Macrophages. Antimicrobial Agents and Chemotherapy, 2016, 60, 1521-1529.	3.2	48
176	Countering Cooperative Effects in Protease Inhibitors Using Constrained Î²-Strand-Mimicking Templates in Focused Combinatorial Libraries. Journal of Medicinal Chemistry, 2004, 47, 1641-1651.	6.4	47
177	Comparative Agonist/Antagonist Responses in Mutant Human C5a Receptors Define the Ligand Binding Site. Journal of Biological Chemistry, 2005, 280, 17831-17840.	3.4	47
178	An Inhibitor of Phospholipase A2 Group IIA Modulates Adipocyte Signaling and Protects Against Diet-Induced Metabolic Syndrome in Rats. Diabetes, 2012, 61, 2320-2329.	0.6	47
179	Membrane-anchored Serine Protease Matriptase Is a Trigger of Pulmonary Fibrogenesis. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 847-860.	5.6	47
180	Histone deacetylases (HDAC) in physiological and pathological bone remodelling. Bone, 2017, 95, 162-174.	2.9	47

#	Article	IF	Citations
181	Bicyclic Helical Peptides as Dual Inhibitors Selective for Bcl2A1 and Mcl-1 Proteins. Journal of Medicinal Chemistry, 2018, 61, 2962-2972.	6.4	47
182	Lipopolysaccharide promotes Drp1â€dependent mitochondrial fission and associated inflammatory responses in macrophages. Immunology and Cell Biology, 2020, 98, 528-539.	2.3	47
183	The Role of the N-terminal Domain of the Complement Fragment Receptor C5L2 in Ligand Binding. Journal of Biological Chemistry, 2007, 282, 3664-3671.	3.4	46
184	Comparative protection against rat intestinal reperfusion injury by a new inhibitor of sPLA₂, COXâ€1 and COXâ€2 selective inhibitors, and an LTC₄ receptor antagonist. British Journal of Pharmacology, 2003, 140, 71-80.	5.4	45
185	Metal Clips That Induce Unstructured Pentapeptides To Be Î±-Helical In Water. Journal of the American Chemical Society, 2009, 131, 4505-4512.	13.7	45
186	Mechanotransduction activates RhoA in the neighbors of apoptotic epithelial cells to engage apical extrusion. Current Biology, 2021, 31, 1326-1336.e5.	3.9	45
187	MAIT cells regulate NK cell-mediated tumor immunity. Nature Communications, 2021, 12, 4746.	12.8	45
188	Towards Isozyme-Selective HDAC Inhibitors For Interrogating Disease. Current Topics in Medicinal Chemistry, 2012, 12, 1479-1499.	2.1	44
189	A Convergent Solution-Phase Synthesis of the Macrocycle Ac-Phe-[Orn-Pro-d-Cha-Trp-Arg], a Potent New Antiinflammatory Drug. Journal of Organic Chemistry, 2003, 68, 4464-4471.	3.2	43
190	Profiling Gene Expression Induced by Protease-Activated Receptor 2 (PAR2) Activation in Human Kidney Cells. PLoS ONE, 2010, 5, e13809.	2.5	43
191	Truncated and Helix-Constrained Peptides with High Affinity and Specificity for the cFos Coiled-Coil of AP-1. PLoS ONE, 2013, 8, e59415.	2.5	43
192	Downsizing Proto-oncogene cFos to Short Helix-Constrained Peptides That Bind Jun. ACS Chemical Biology, 2017, 12, 2051-2061.	3.4	43
193	Cyclooligomerization of Thiazole-Containing Tetrapeptides. Symmetrical Macrocycles with up to 76 Amino Acids. Journal of the American Chemical Society, 1999, 121, 2603-2604.	13.7	42
194	Peptide Inhibitors of the Escherichia coli DsbA Oxidative Machinery Essential for Bacterial Virulence. Journal of Medicinal Chemistry, 2015, 58, 577-587.	6.4	42
195	Tumor selectivity and transcriptional activation by azelaic bishydroxamic acid in human melanocytic cells. Biochemical Pharmacology, 1997, 53, 1719-1724.	4.4	41
196	Antimalarial histone deacetylase inhibitors containing cinnamate or NSAID components. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 7080-7084.	2.2	41
197	Differential Anti-inflammatory Activity of HDAC Inhibitors in Human Macrophages and Rat Arthritis. Journal of Pharmacology and Experimental Therapeutics, 2016, 356, 387-396.	2.5	41
198	The molecular basis underpinning the potency and specificity of MAIT cell antigens. Nature Immunology, 2020, 21, 400-411.	14.5	41

#	Article	IF	Citations
199	Inhibitors of Î²-Amyloid Formation Based on the Î²-Secretase Cleavage Site. Biochemical and Biophysical Research Communications, 2000, 268, 133-135.	2.1	40
200	An mRNA atlas of G protein-coupled receptor expression during primary human monocyte/macrophage differentiation and lipopolysaccharide-mediated activation identifies targetable candidate regulators of inflammation. Immunobiology, 2013, 218, 1345-1353.	1.9	40
201	PAR2-induced inflammatory responses in human kidney tubular epithelial cells. American Journal of Physiology - Renal Physiology, 2013, 304, F737-F750.	2.7	40
202	Helix Nucleation by the Smallest Known Î±â€Helix in Water. Angewandte Chemie - International Edition, 2016, 55, 8275-8279.	13.8	40
203	Towards histone deacetylase inhibitors as new antimalarial drugs. Current Pharmaceutical Design, 2012, 18, 3467-79.	1.9	40
204	Base-catalyzed hydration of cobalt(III)-coordinated dimethylcyanamide and linkage isomerization of the derived N-bound dimethylurea complex. Inorganic Chemistry, 1983, 22, 4038-4046.	4.0	39
205	A Novel Bicyclic Enzyme Inhibitor as a Consensus Peptidomimetic for the Receptor-Bound Conformations of 12 Peptidic Inhibitors of HIV-1 Protease. Journal of the American Chemical Society, 1996, 118, 8511-8517.	13.7	39
206	Template Assembled Synthetic Proteins (TASPs). Are Template Size, Shape, and Directionality Important in Formation of Four-Helix Bundles?. Journal of the American Chemical Society, 1998, 120, 3836-3841.	13.7	39
207	Inhibitors of cyclo-oxygenase-2 and secretory phospholipase A2 preserve bone architecture following ovariectomy in adult rats. Bone, 2006, 39, 134-142.	2.9	39
208	Mimetics of the Peptide β-Strand. Mini-Reviews in Medicinal Chemistry, 2002, 2, 433-445.	2.4	38
209	Antiproliferative and Phenotype-Transforming Antitumor Agents Derived from Cysteine. Journal of Medicinal Chemistry, 2004, 47, 2984-2994.	6.4	38
210	Short Hydrophobic Peptides with Cyclic Constraints Are Potent Glucagon-like Peptide-1 Receptor (GLP-1R) Agonists. Journal of Medicinal Chemistry, 2015, 58, 4080-4085.	6.4	38
211	Receptor residence time trumps drug-likeness and oral bioavailability in determining efficacy of complement C5a antagonists. Scientific Reports, 2016, 6, 24575.	3.3	38
212	A Cyclic Metallopeptide Induces Î± Helicity in Short Peptide Fragments of Thermolysin. Angewandte Chemie - International Edition, 2003, 42, 421-424.	13.8	37
213	Human MAIT cell cytolytic effector proteins synergize to overcome carbapenem resistance in Escherichia coli. PLoS Biology, 2020, 18, e3000644.	5.6	37
214	Discussion. Neurobiology of Aging, 1999, 20, 335-337.	3.1	36
215	Conformations of cyclic octapeptides and the influence of heterocyclic ring constraints upon calcium bindingâ€Šâ€. Perkin Transactions II RSC, 2000, , 323-331.	1.1	36
216	Structural Mimicry of Two Cytochromeb562Interhelical Loops Using Macrocycles Constrained by Oxazoles and Thiazoles. Journal of the American Chemical Society, 2005, 127, 6563-6572.	13.7	36

#	Article	IF	Citations
217	Substrate specificity of recombinant dengue 2 virus NS2B-NS3 protease: Influence of natural and unnatural basic amino acids on hydrolysis of synthetic fluorescent substrates. Archives of Biochemistry and Biophysics, 2007, 457, 187-196.	3.0	36
218	MAIT Cells Upregulate Î±4Î²7 in Response to Acute Simian Immunodeficiency Virus/Simian HIV Infection but Are Resistant to Peripheral Depletion in Pigtail Macaques. Journal of Immunology, 2019, 202, 2105-2120.	0.8	36
219	Endoplasmic reticulum chaperones stabilize ligand-receptive MR1 molecules for efficient presentation of metabolite antigens. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24974-24985.	7.1	36
220	Synthesis, solution structure, and reactivity of oxygen-bound amides on cobalt(III). Inorganic Chemistry, 1993, 32, 450-459.	4.0	35
221	A Novel Potassium-Binding Hydrolysis Product of Ascidiacyclamide:Â A Cyclic Octapeptide Isolated from the AscidianLissoclinum patella. Inorganic Chemistry, 1996, 35, 1095-1100.	4.0	35
222	Virus-Mediated Suppression of the Antigen Presentation Molecule MR1. Cell Reports, 2020, 30, 2948-2962.e4.	6.4	35
223	Hepatic expression profiling identifies steatosis-independent and steatosis-driven advanced fibrosis genes. JCI Insight, 2018, 3, .	5.0	35
224	Metal Clips Induce Folding of a Short Unstructured Peptide into an Î±-Helix via Turn Conformations in Water. Kinetic versus Thermodynamic Products. Journal of the American Chemical Society, 2004, 126, 15096-15105.	13.7	34
225	Novel Helix-Constrained Nociceptin Derivatives Are Potent Agonists and Antagonists of ERK Phosphorylation and Thermal Analgesia in Mice. Journal of Medicinal Chemistry, 2010, 53, 8400-8408.	6.4	34
226	Biased Signaling by Agonists of Protease Activated Receptor 2. ACS Chemical Biology, 2017, 12, 1217-1226.	3.4	34
227	Platinum drugs: Combined anti-lymphoproliferative and nephrotoxicity assay in rats. Cancer Chemotherapy and Pharmacology, 1980, 4, 249-58.	2.3	33
228	Factors influencing the nitrogen vs oxygen bonding mode of amides bound to pentaamminecobalt(III) and the kinetics and mechanism of rearrangement. Inorganic Chemistry, 1991, 30, 1564-1569.	4.0	33
229	Oxygen versus nitrogen coordination of a urea to (diethylenetriamine)platinum(II). Inorganic Chemistry, 1993, 32, 2190-2194.	4.0	33
230	Anti-inflammatory activity of the isoquinoline alkaloid, tetrandrine, against established adjuvant arthritis in rats. Agents and Actions, 1994, 42, 123-127.	0.7	33
231	Solution Structures in Aqueous SDS Micelles of Two Amyloid Î² Peptides of AÎ²(1â€“28) Mutated at the Î±-Secretase Cleavage Site (K16E, K16F). Journal of Structural Biology, 2000, 130, 142-152.	2.8	33
232	Selective Hexapeptide Agonists and Antagonists for Human Complement C3a Receptor. Journal of Medicinal Chemistry, 2010, 53, 4938-4948.	6.4	33
233	Inhibition of Inflammation and Fibrosis by a Complement C5a Receptor Antagonist in DOCA-Salt Hypertensive Rats. Journal of Cardiovascular Pharmacology, 2011, 58, 479-486.	1.9	33
234	Biphasic Response of the Metallothionein Promoter to Ultraviolet Radiation in Human Melanoma Cells. Photochemistry and Photobiology, 1997, 65, 550-555.	2.5	32

#	Article	IF	Citations
235	A potent and selective inhibitor of group IIa secretory phospholipase A2 protects rats from TNBS-induced colitis. International Immunopharmacology, 2005, 5, 883-892.	3.8	32
236	Amyloid Formation from an Î±â€Helix Peptide Bundle Is Seeded by 3₁₀â€Helix Aggregates. Chemistry - A European Journal, 2011, 17, 151-160.	3.3	32
237	Hydroxyquinones are competitive non-peptide inhibitors of HIV-1 proteinase. BBA - Proteins and Proteomics, 1995, 1253, 5-8.	2.1	31
238	NMR solution structure of the RNA-binding peptide from HIV-1 Rev protein. Biochemistry, 1995, 34, 8242-8249.	2.5	31
239	Left- and Right-Handed Alpha-Helical Turns in Homo- and Hetero-Chiral Helical Scaffolds. Journal of the American Chemical Society, 2009, 131, 15877-15886.	13.7	31
240	Inhibitors selective for HDAC6 in enzymes and cells. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 7067-7070.	2.2	31
241	Amination of coordinated nitriles: synthesis of metal complexes of amidines and guanidines. Inorganic Chemistry, 1990, 29, 140-143.	4.0	30
242	Non-peptidic anti-aids agents: Inhibition of HIV-1 proteinase by disulfonates. Biochemical and Biophysical Research Communications, 1992, 188, 624-630.	2.1	30
243	An HDAC6 Inhibitor Confers Protection and Selectively Inhibits B-Cell Infiltration in DSS-Induced Colitis in Mice. Journal of Pharmacology and Experimental Therapeutics, 2017, 360, 140-151.	2.5	30
244	Exploiting a novel conformational switch to control innate immunity mediated by complement protein C3a. Nature Communications, 2017, 8, 351.	12.8	30
245	Cyclic octapeptides containing thiazole. Effect of stereochemistry and degree of flexibility on calcium binding propertiesElectronic supplementary information (ESI) available: NOE and CD titration data for 5. See http://www.rsc.org/suppdata/p2/b1/b109168a/. Perkin Transactions II RSC, 2002, , 556-563.	1.1	29
246	Rv2969c, essential for optimal growth inMycobacterium tuberculosis, is a DsbA-like enzyme that interacts with VKOR-derived peptides and has atypical features of DsbA-like disulfide oxidases. Acta Crystallographica Section D: Biological Crystallography, 2013, 69, 1981-1994.	2.5	29
247	Development of cellâ€penetrating peptideâ€based drug leads to inhibit MDMX:p53 and MDM2:p53 interactions. Biopolymers, 2016, 106, 853-863.	2.4	29
248	Formation of mononuclear and chloro-bridged binuclear copper(II) complexes of patellamide D, a naturally occurring cyclic peptide: influence of anion and solvent. Journal of Inorganic Biochemistry, 2004, 98, 1857-1866.	3.5	28
249	Antifibrotic Activity of an Inhibitor of Group IIA Secretory Phospholipase A2 in Young Spontaneously Hypertensive Rats. Journal of Immunology, 2006, 176, 7000-7007.	0.8	28
250	Downsizing a human inflammatory protein to a small molecule with equal potency and functionality. Nature Communications, 2013, 4, 2802.	12.8	28
251	Connecting Hydrophobic Surfaces in Cyclic Peptides Increases Membrane Permeability. Angewandte Chemie - International Edition, 2021, 60, 8385-8390.	13.8	28
252	Francisella tularensis induces Th1 like MAIT cells conferring protection against systemic and local infection. Nature Communications, 2021, 12, 4355.	12.8	28

#	Article	IF	Citations
253	Interaction of zinc(II) with the cyclic octapeptides, cyclo[Ile(Oxn)-D-Val(Thz)]2 and ascidiacyclamide, a cyclic peptide from Lissoclinum patella. Journal of the Chemical Society Dalton Transactions, 1999, , 1227-1234.	1.1	27
254	Small Molecule Inhibitors of Disulfide Bond Formation by the Bacterial DsbAâ€“DsbB Dual Enzyme System. ACS Chemical Biology, 2015, 10, 957-964.	3.4	27
255	Artificially induced MAIT cells inhibit M. bovis BCG but not M. tuberculosis during in vivo pulmonary infection. Scientific Reports, 2020, 10, 13579.	3.3	27
256	Zinc monoglycerolate â€" A slow-release source of therapeutic zinc: Solubilization by endogenous ligands. Agents and Actions, 1992, 36, 152-158.	0.7	26
257	Regioselective Synthesis of Antiparallel Loops on a Macrocyclic Scaffold Constrained by Oxazoles and Thiazoles. Organic Letters, 2002, 4, 3367-3370.	4.6	26
258	Designing supramolecular structures from models of cyclic peptide scaffolds with heterocyclic constraints. Journal of Molecular Graphics and Modelling, 2003, 21, 341-355.	2.4	26
259	The use of liveâ€animal microâ€computed tomography to determine the effect of a novel phospholipase A₂ inhibitor on alveolar bone loss in an in vivo mouse model of periodontitis. Journal of Periodontal Research, 2009, 44, 317-322.	2.7	26
260	Contiguous hydrophobic and charged surface patches in short helix-constrained peptides drive cell permeability. Organic and Biomolecular Chemistry, 2018, 16, 367-371.	2.8	26
261	Electrophilic Helical Peptides That Bond Covalently, Irreversibly, and Selectively in a Proteinâ€“Protein Interaction Site. ACS Medicinal Chemistry Letters, 2017, 8, 22-26.	2.8	25
262	A peculiar toxicity manifested by platinum(II)amines in rats: Gastric distension after intraperitoneal administration. Chemico-Biological Interactions, 1981, 35, 111-117.	4.0	24
263	Therapeutic Targets in Inflammatory Disease. Current Medicinal Chemistry, 2005, 12, 2925-2929.	2.4	24
264	Protease-Activated Receptor-2 Peptides Activate Neurokinin-1 Receptors in the Mouse Isolated Trachea. Journal of Pharmacology and Experimental Therapeutics, 2006, 317, 598-605.	2.5	24
265	Histone deacetylase inhibitors as suppressors of bone destruction in inflammatory diseases. Journal of Pharmacy and Pharmacology, 2012, 64, 763-774.	2.4	24
266	Comparative Sequence, Structure and Redox Analyses of Klebsiella pneumoniae DsbA Show That Anti-Virulence Target DsbA Enzymes Fall into Distinct Classes. PLoS ONE, 2013, 8, e80210.	2.5	24
267	Identification of brain metastasis genes and therapeutic evaluation of histone deacetylase inhibitors in a clinically relevant model of breast cancer brain metastasis. DMM Disease Models and Mechanisms, 2018, 11, .	2.4	24
268	Ammonia and Carbon Dioxide from Urea. Multinuclear NMR Study of the Activation of Urea by Platinum(II). Inorganic Chemistry, 1995, 34, 3087-3092.	4.0	23
269	Oxygen versus Nitrogen Bonding of Carboxamides to Pentaammineruthenium(II/III). Inorganic Chemistry, 1997, 36, 1029-1037.	4.0	23
270	Synthesis of the Thiazoleâ€“Thiazoline Fragment of Largazole Analogues. Journal of Organic Chemistry, 2011, 76, 9845-9851.	3.2	23

#	Article	IF	Citations
271	A Novel Longâ€Range n to Ï€* Interaction Secures the Smallest known Î±â€Helix in Water. Angewandte Chemie - International Edition, 2019, 58, 18873-18877.	13.8	23
272	Linkage isomerization of (urea)pentaammineruthenium(III) and inter- vs. intramolecular substitution on ruthenium(III). Inorganic Chemistry, 1985, 24, 3199-3206.	4.0	22
273	Organic Azide Inhibitors of Cysteine Proteases. Journal of the American Chemical Society, 2006, 128, 12396-12397.	13.7	22
274	Complement C3a and C5a receptors promote GVHD by suppressing mitophagy in recipient dendritic cells. JCI Insight, 2018, 3, .	5.0	22
275	Irritancy and anti-inflammatory activity of bis(Î·5-cyclopentadienyl)titanium(IV) complexes in rats. Chemico-Biological Interactions, 1987, 61, 277-291.	4.0	21
276	Cobalt-induced facile degradation of phenylurea to ammonia, carbon dioxide, and anilinium ion and other reactions of linkage isomeric cobalt(III) complexes of phenylurea. Inorganic Chemistry, 1989, 28, 1983-1989.	4.0	21
277	Linkage isomerization of (formamide-N)- and (acetamide-N)pentaamminecobalt(III) ions in water, dimethyl sulfoxide, and sulfolane. Inorganic Chemistry, 1990, 29, 20-28.	4.0	21
278	Inhibition of HIV-1 proteinase by non-peptide carboxylates. Biochemical and Biophysical Research Communications, 1991, 176, 241-246.	2.1	21
279	Organization of Amino Acids Using a Metallotriazacyclononane Template. Inorganic Chemistry, 1997, 36, 752-753.	4.0	21
280	Generation and characterization of proteolytically active and highly stable truncated and full-length recombinant West Nile virus NS3. Protein Expression and Purification, 2007, 53, 87-96.	1.3	21
281	Crystal Structures of Highly Constrained Substrate and Hydrolysis Products Bound to HIV-1 Protease. Implications for the Catalytic Mechanism. Biochemistry, 2008, 47, 3736-3744.	2.5	21
282	Protease activated receptor 2 (PAR2) modulators: a patent review (2010â€“2015). Expert Opinion on Therapeutic Patents, 2016, 26, 471-483.	5.0	21
283	Chemically Diverse Helix-Constrained Peptides Using Selenocysteine Crosslinking. Organic Letters, 2018, 20, 1453-1456.	4.6	21
284	Inhibitors of class I histone deacetylases attenuate thioacetamideâ€induced liver fibrosis in mice by suppressing hepatic type 2 inflammation. British Journal of Pharmacology, 2019, 176, 3775-3790.	5.4	21
285	PAR2 induces ovarian cancer cell motility by merging three signalling pathways to transactivate EGFR. British Journal of Pharmacology, 2021, 178, 913-932.	5.4	21
286	Protective effect of a human C5a receptor antagonist against hepatic ischaemia-reperfusion injury in rats. Journal of Hepatology, 2004, 40, 934-941.	3.7	21
287	A refined agonist pharmacophore for protease activated receptor 2. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 5552-5557.	2.2	20
288	A Cyclic Î²-Strand Tripeptide with an Î±-Helix Like CD Spectrum. Organic Letters, 2009, 11, 3092-3095.	4.6	20

#	Article	IF	Citations
289	Protein Î±â€Turns Recreated in Structurally Stable Small Molecules. Angewandte Chemie - International Edition, 2011, 50, 11107-11111.	13.8	20
290	Crystal Structure of the Dithiol Oxidase DsbA Enzyme from Proteus Mirabilis Bound Non-covalently to an Active Site Peptide Ligand. Journal of Biological Chemistry, 2014, 289, 19810-19822.	3.4	20
291	Nutrient and immune sensing are obligate pathways in metabolism, immunity, and disease. FASEB Journal, 2015, 29, 3612-3625.	0.5	20
292	Cyclic alpha-conotoxin peptidomimetic chimeras as potent GLP-1R agonists. European Journal of Medicinal Chemistry, 2015, 103, 175-184.	5.5	20
293	Achiral Derivatives of Hydroxamate AR-42 Potently Inhibit Class I HDAC Enzymes and Cancer Cell Proliferation. Journal of Medicinal Chemistry, 2020, 63, 5956-5971.	6.4	20
294	Tuning Electrostatic and Hydrophobic Surfaces of Aromatic Rings to Enhance Membrane Association and Cell Uptake of Peptides. Angewandte Chemie - International Edition, 2022, 61, .	13.8	20
295	Catalytically active Dengue virus NS3 protease forms aggregates that are separable by size exclusion chromatography. Protein Expression and Purification, 2002, 25, 241-247.	1.3	19
296	Profiling the Enzymatic Properties and Inhibition of Human Complement Factor B. Journal of Biological Chemistry, 2007, 282, 34809-34816.	3.4	19
297	Potent Heterocyclic Ligands for Human Complement C3a Receptor. Journal of Medicinal Chemistry, 2014, 57, 8459-8470.	6.4	19
298	Helixconstraints and amino acid substitution in GLP-1 increase cAMP and insulin secretion but not beta-arrestin 2 signaling. European Journal of Medicinal Chemistry, 2017, 127, 703-714.	5.5	19
299	CXCL16 Stimulates Antigen-Induced MAIT Cell Accumulation but Trafficking During Lung Infection Is CXCR6-Independent. Frontiers in Immunology, 2020, 11, 1773.	4.8	19
300	Chemical Modulators of Mucosal Associated Invariant T Cells. Accounts of Chemical Research, 2021, 54, 3462-3475.	15.6	19
301	Antagonism of the proinflammatory and pronociceptive actions of canonical and biased agonists of proteaseâ€activated receptorâ€2. British Journal of Pharmacology, 2016, 173, 2752-2765.	5.4	18
302	Simultaneous uncoupled expression and purification of the Dengue virus NS3 protease and NS2B co-factor domain. Protein Expression and Purification, 2016, 119, 124-129.	1.3	18
303	Tolyporphin Macrocycles from the Cyanobacterium Tolypothrix nodosa Selectively Bind Copper and Silver and Reverse Multidrug Resistance. Inorganic Chemistry, 2017, 56, 5577-5585.	4.0	18
304	Histone deacetylases 1 and 2 inhibition suppresses cytokine production and osteoclast bone resorption in vitro. Journal of Cellular Biochemistry, 2020, 121, 244-258.	2.6	18
305	Reversible linkage isomerization of pentaamminecobalt(III) complexes of urea and its N-methyl derivatives. Inorganica Chimica Acta, 1988, 150, 81-100.	2.4	17
306	Structure-activity relationships for macrocyclic peptidomimetic inhibitors of HIV-1 protease. Bioorganic and Medicinal Chemistry Letters, 1996, 6, 2531-2536.	2.2	17

#	Article	IF	Citations
307	Activation of Thiourea Bound through Sulfur to Pentaammineruthenium(III):â€‰ Structure and Reactivity. Inorganic Chemistry, 1997, 36, 2242-2243.	4.0	17
308	Nonpeptide Ligands That Target Peptide-Activated GPCRs In Inflammation. Current Medicinal Chemistry, 2005, 12, 3027-3042.	2.4	17
309	Unexpected photolytic decomposition of alkyl azides under mild conditions. Chemical Communications, 2007, , 4501.	4.1	17
310	An interaction between the methyltransferase and RNA dependent RNA polymerase domains of the West Nile virus NS5 protein. Journal of General Virology, 2013, 94, 1961-1971.	2.9	17
311	Quinazolinone derivatives as inhibitors of homologous recombinase RAD51. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 3096-3100.	2.2	17
312	A Cyclic Metallopeptide Induces Î± Helicity in Short Peptide Fragments of Thermolysin. Angewandte Chemie, 2003, 115, 437-440.	2.0	16
313	C5aR and C5L2 act in concert to balance immunometabolism in adipose tissue. Molecular and Cellular Endocrinology, 2014, 382, 325-333.	3.2	16
314	Virtual Screening of Peptide and Peptidomimetic Fragments Targeted to Inhibit Bacterial Dithiol Oxidase DsbA. PLoS ONE, 2015, 10, e0133805.	2.5	16
315	Three Homology Models of PAR2 Derived from Different Templates: Application to Antagonist Discovery. Journal of Chemical Information and Modeling, 2015, 55, 1181-1191.	5.4	16
316	Downsizing the BAD BH3 peptide to small constrained Î±-helices with improved ligand efficiency. Organic and Biomolecular Chemistry, 2016, 14, 10939-10945.	2.8	16
317	Potent Small Agonists of Protease Activated Receptor 2. ACS Medicinal Chemistry Letters, 2016, 7, 105-110.	2.8	16
318	Potent Thiophene Antagonists of Human Complement C3a Receptor with Anti-Inflammatory Activity. Journal of Medicinal Chemistry, 2020, 63, 529-541.	6.4	16
319	Inhibition of HIV-1 proteinase by metal ions. International Journal of Biochemistry & Cell Biology, 1992, 24, 911-914.	0.5	15
320	Studies of the interaction of potassium(I), calcium(II), magnesium(II), and copper(II) with cyclosporin A. Journal of Inorganic Biochemistry, 2003, 97, 191-198.	3.5	15
321	C5a Receptor (CD88) Inhibition Improves Hypothermia-Induced Neuroprotection in an In Vitro Ischemic Model. NeuroMolecular Medicine, 2012, 14, 30-39.	3.4	15
322	Protease activated receptor 2 controls myelin development, resiliency and repair. Glia, 2017, 65, 2070-2086.	4.9	15
323	Protease-activated receptor-2 ligands reveal orthosteric and allosteric mechanisms of receptor inhibition. Communications Biology, 2020, 3, 782.	4.4	15
324	Towards protein surface mimetics. Current Medicinal Chemistry, 1998, 5, 29-62.	2.4	15

#	Article	IF	Citations
325	An efficient Fmoc strategy for the rapid synthesis of peptide para-nitroanilides. International Journal of Peptide Research and Therapeutics, 2000, 7, 347-351.	0.1	14
326	Regulators of the anaphylatoxin C5a. Expert Opinion on Therapeutic Patents, 2000, 10, 449-458.	5.0	14
327	A dual-purpose synthetic colloidal platform for protease mapping: substrate profiling for Dengue and West Nile virus proteases. Analytical Biochemistry, 2008, 376, 151-153.	2.4	14
328	A Comparative Study of Impedance versus Optical Label-Free Systems Relative to Labelled Assays in a Predominantly Gi Coupled GPCR (C5aR) Signalling. Biosensors, 2012, 2, 273-290.	4.7	14
329	Efficient chemical synthesis of human complement protein C3a. Chemical Communications, 2013, 49, 2356.	4.1	14
330	Helix Nucleation by the Smallest Known Î±â€Helix in Water. Angewandte Chemie, 2016, 128, 8415-8419.	2.0	14
331	Computer Modelling and Synthesis of Deoxy and Monohydroxy Analogues of a Ribitylaminouracil Bacterial Metabolite that Potently Activates Human T Cells. Chemistry - A European Journal, 2019, 25, 15594-15608.	3.3	14
332	Fortified Coiled Coils: Enhancing Mechanical Stability with Lactam or Metal Staples. Angewandte Chemie - International Edition, 2021, 60, 232-236.	13.8	14
333	Histone deacetylase 7: a signalling hub controlling development, inflammation, metabolism and disease. FEBS Journal, 2023, 290, 2805-2832.	4.7	14
334	Human MAIT cells respond to and suppress HIV-1. ELife, 2021, 10, .	6.0	14
335	Modulation of ligand selectivity by mutation of the first extracellular loop of the human C5a receptor 1 1Abbreviations: C5aR, human complement fragment 5a receptor; WT, wild-type; G105D, C5aR mutated to aspartate at glycine105; P103Y, C5aR mutated to tyrosine at proline105; P103Y/G105D, C5aR containing both substitutions; C5adR74, des arginated C5a; F-[OPchaWR], phenylalanine [l-ornithine-proline-d-cyclohexylalanine-tryptophan-arginine]; MeFKPchaWr, N-methyl-l-phenylalanine-lysine-proline-d-cyclohexylalanin. Biochemical Pharmacology, 2001, 61, 1571-1579.	4.4	13
336	Noncovalent Tripeptidyl Benzyl- and Cyclohexyl-Amine Inhibitors of the Cysteine Protease Caspase-1. Journal of Medicinal Chemistry, 2010, 53, 2651-2655.	6.4	13
337	TargetingQuorum Sensing and Competence Stimulation for Antimicrobial Chemotherapy. Current Drug Targets, 2012, 13, 1348-1359.	2.1	13
338	Total Synthesis of Mycobacterium tuberculosis Dideoxymycobactinâ€838 and Stereoisomers: Diverse CD1aâ€Restricted T Cells Display a Common Hierarchy of Lipopeptide Recognition. Chemistry - A European Journal, 2017, 23, 1694-1701.	3.3	13
339	Atypical TRAV1-2â^' T cell receptor recognition of the antigen-presenting molecule MR1. Journal of Biological Chemistry, 2020, 295, 14445-14457.	3.4	13
340	MR1-Restricted T Cells with MAIT-like Characteristics Are Functionally Conserved in the Pteropid Bat Pteropus alecto. IScience, 2020, 23, 101876.	4.1	13
341	A general synthetic route to pentaamminecobalt(III) complexes of N-bonded amides, ureas, carbamates, sulfinamides, sulfonamides and sulfamate. Inorganica Chimica Acta, 1990, 175, 203-207.	2.4	12
342	Structureâ^'Activity Relationships for Substrate-Based Inhibitors of Human Complement Factor B. Journal of Medicinal Chemistry, 2009, 52, 6042-6052.	6.4	12

#	Article	IF	Citations
343	PAR2 Modulators Derived from GB88. ACS Medicinal Chemistry Letters, 2016, 7, 1179-1184.	2.8	12
344	Characterization and Purification of Mouse Mucosalâ€Associated Invariant T (MAIT) Cells. Current Protocols in Immunology, 2019, 127, e89.	3.6	12
345	Structure-Activity Relationships of Wollamide Cyclic Hexapeptides with Activity against Drug-Resistant and Intracellular Mycobacterium tuberculosis. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	12
346	HDAC7 Inhibition by Phenacetyl and Phenylbenzoyl Hydroxamates. Journal of Medicinal Chemistry, 2021, 64, 2186-2204.	6.4	12
347	The Î±-Proteobacteria Wolbachia pipientis Protein Disulfide Machinery Has a Regulatory Mechanism Absent in Î³-Proteobacteria. PLoS ONE, 2013, 8, e81440.	2.5	12
348	A Selective and Versatile Synthesis of Substituted Chromones via Addition of Phenols to Dimethyl Acetylenedicarboxylate. Australian Journal of Chemistry, 1995, 48, 677.	0.9	11
349	'Clean' or 'Dirty' â€“ Just How Selective Do Drugs Need To Be?. Australian Journal of Chemistry, 2008, 61, 654.	0.9	11
350	HDACs and their inhibitors in immunology: teaching anticancer drugs new tricks. Immunology and Cell Biology, 2012, 90, 3-5.	2.3	11
351	Characterization of Human Mucosalâ€associated Invariant T (MAIT) Cells. Current Protocols in Immunology, 2019, 127, e90.	3.6	11
352	Identification and Phenotype of MAIT Cells in Cattle and Their Response to Bacterial Infections. Frontiers in Immunology, 2021, 12, 627173.	4.8	11
353	De novo macrocyclic peptides for inhibiting, stabilizing, and probing the function of the retromer endosomal trafficking complex. Science Advances, 2021, 7, eabg4007.	10.3	11
354	Lymphoid suppression by cis-platinum(II)amines. Biochemical Pharmacology, 1982, 31, 933-939.	4.4	10
355	Oxygen- and sulfur-bonded thiosulfatopentaamminecobalt(III). Inorganica Chimica Acta, 1983, 70, 197-205.	2.4	10
356	Antiâ€“Inflammatory activity of a holothurian (sea cucumber) food supplement in rats. Inflammopharmacology, 1994, 2, 411-417.	3.9	10
357	Linkage Isomerism in the Binding of Pentapeptide Ac-His(Ala)₃His-NH₂to (Ethylenediamine)Palladium(II): Effect of the Binding Mode on Peptide Conformation. Inorganic Chemistry, 2008, 47, 9439-9449.	4.0	10
358	Complement Component C2, Inhibiting a Latent Serine Protease in the Classical Pathway of Complement Activation. Biochemistry, 2009, 48, 8466-8472.	2.5	10
359	Histone deacetylase enzymes as drug targets for the control of the sheep blowfly, Lucilia cuprina. International Journal for Parasitology: Drugs and Drug Resistance, 2015, 5, 201-208.	3.4	10
360	Repurposing Registered Drugs as Antagonists for Protease-Activated Receptor 2. Journal of Chemical Information and Modeling, 2015, 55, 2079-2084.	5.4	10

#	Article	IF	Citations
361	Product release is rate-limiting for catalytic processing by the Dengue virus protease. Scientific Reports, 2016, 6, 37539.	3.3	10
362	Truncated Glucagon-like Peptide-1 and Exendin-4 Î±-Conotoxin pl14a Peptide Chimeras Maintain Potency and Î±-Helicity and Reveal Interactions Vital for cAMP Signaling in Vitro. Journal of Biological Chemistry, 2016, 291, 15778-15787.	3.4	10
363	Mirror image pairs of cyclic hexapeptides have different oral bioavailabilities and metabolic stabilities. Chemical Communications, 2019, 55, 13362-13365.	4.1	10
364	Mimicking extended conformations of protease substrates. Advances in Amino Acid Mimetics and Peptidomimetics, 1997, , 77-107.	0.3	10
365	Hepta and octapeptide agonists of protease-activated receptor 2. Journal of Peptide Science, 2007, 13, 856-861.	1.4	9
366	Toward peptide-based inhibitors as therapies for Parkinson's disease. Future Medicinal Chemistry, 2015, 7, 2103-2105.	2.3	9
367	Thiazoles in Peptides and Peptidomimetics. Topics in Heterocyclic Chemistry, 2015, , 235-266.	0.2	9
368	Insecticidal activities of histone deacetylase inhibitors against a dipteran parasite of sheep, Lucilia cuprina. International Journal for Parasitology: Drugs and Drug Resistance, 2017, 7, 51-60.	3.4	9
369	Mucosal-Associated Invariant T Cell Effector Function Is an Intrinsic Cell Property That Can Be Augmented by the Metabolic Cofactor Î±-Ketoglutarate. Journal of Immunology, 2021, 206, 1425-1435.	0.8	9
370	Landscaping macrocyclic peptides: stapling hDM2-binding peptides for helicity, protein affinity, proteolytic stability and cell uptake. RSC Chemical Biology, 2022, 3, 895-904.	4.1	9
371	Nitrogen- and oxygen-bonded urethane: hydrolysis and linkage isomerization of [(NH3)5Co(NH2CO2C2H5)]3+ and [(NH3)5CoOC(NH2)OCH2CH3]3+. Inorganic Chemistry, 1990, 29, 3139-3145.	4.0	8
372	A new dinuclear amine-cobalt(III) complex containing two bridging amide ions. Inorganica Chimica Acta, 1993, 209, 123-127.	2.4	8
373	Facile and stereoselective condensation of acetone with ammonia ligands on cobalt(III): structure of a N-bonded cyanate complex containing the 2-methyl-2-amino-4-imino-pentane ligand. Inorganica Chimica Acta, 1999, 290, 133-138.	2.4	8
374	Cell phenotype as a target of drug therapy in chronic inflammatory diseases. Medical Hypotheses, 2000, 54, 193-197.	1.5	8
375	Cycloadditions of Isobenzofuran to a Constrained Template Bearing Neighboring Dienophiles. Chemistry - A European Journal, 2003, 9, 2068-2071.	3.3	8
376	Folding pentapeptides into left and right handed alpha helices. Tetrahedron, 2012, 68, 4513-4516.	1.9	8
377	Identification and characterization of bi-thiazole-2,2â€²-diamines as kinase inhibitory scaffolds. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 1077-1088.	2.3	8
378	Facile synthesis of mono- and bis-methylated Fmoc-Dap, -Dab and -Orn amino acids. Chemical Communications, 2015, 51, 4496-4498.	4.1	8

#	Article	IF	Citations
379	Mapping transmembrane residues of proteinase activated receptor 2 (PAR 2) that influence ligand-modulated calcium signaling. Pharmacological Research, 2017, 117, 328-342.	7.1	8
380	Pharmacological inhibition of proteaseâ€activated receptorâ€2 reduces crescent formation in rat nephrotoxic serum nephritis. Clinical and Experimental Pharmacology and Physiology, 2019, 46, 456-464.	1.9	8
381	Oxazole-Benzenesulfonamide Derivatives Inhibit HIV-1 Reverse Transcriptase Interaction with Cellular eEF1A and Reduce Viral Replication. Journal of Virology, 2019, 93, .	3.4	8
382	A Novel Longâ€Range n to Ï€* Interaction Secures the Smallest known Î±â€Helix in Water. Angewandte Chemie, 2019, 131, 19049-19053.	2.0	8
383	Connecting Hydrophobic Surfaces in Cyclic Peptides Increases Membrane Permeability. Angewandte Chemie, 2021, 133, 8466-8471.	2.0	8
384	QSAR Classification Models for Prediction of Hydroxamate Histone Deacetylase Inhibitor Activity against Malaria Parasites. ACS Infectious Diseases, 2022, 8, 106-117.	3.8	8
385	Inhibitory effects of bisbenzylisoquinolines on synthesis of the inflammatory cytokines interleukin-1 and tumour necrosis factor-alpha. Mediators of Inflammation, 1993, 2, 199-203.	3.0	7
386	Simple cis-epoxide-based inhibitors of HIV-1 protease. Bioorganic and Medicinal Chemistry Letters, 1997, 7, 2853-2856.	2.2	7
387	Matching Cavities in G Protein-Coupled Receptors to Infer Ligand-Binding Sites. Journal of Chemical Information and Modeling, 2012, 52, 1401-1410.	5.4	7
388	Helix-Constrained Nociceptin Peptides Are Potent Agonists and Antagonists of ORL-1 and Nociception. Vitamins and Hormones, 2015, 97, 1-55.	1.7	7
389	Potent complement C3a receptor agonists derived from oxazole amino acids: Structureâ€“activity relationships. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 5604-5608.	2.2	7
390	Glucuronic acid as a helix-inducing linker in short peptides. Chemical Communications, 2018, 54, 2162-2165.	4.1	7
391	Chemical Approaches to Modulating Complement-Mediated Diseases. Journal of Medicinal Chemistry, 2018, 61, 3253-3276.	6.4	7
392	PAR2 Activation on Human Kidney Tubular Epithelial Cells Induces Tissue Factor Synthesis, That Enhances Blood Clotting. Frontiers in Physiology, 2021, 12, 615428.	2.8	7
393	Targeting Class IIa HDACs: Insights from Phenotypes and Inhibitors. Current Medicinal Chemistry, 2021, 28, 8628-8672.	2.4	7
394	The histone deacetylase Hdac7 supports LPS-inducible glycolysis and Il-1Î² production in murine macrophages via distinct mechanisms. Journal of Leukocyte Biology, 2022, 111, 327-336.	3.3	7
395	Linkage isomeric pentaamminecobalt(III) complexes of methanesulfinamide. Inorganic Chemistry, 1990, 29, 3145-3150.	4.0	6
396	Small Molecules that Mimic Components of Bioactive Protein Surfaces. Australian Journal of Chemistry, 2004, 57, 855.	0.9	6

#	Article	IF	Citations
397	Europium-Labeled Synthetic C3a Protein as a Novel Fluorescent Probe for Human Complement C3a Receptor. Bioconjugate Chemistry, 2017, 28, 1669-1676.	3.6	6
398	Alpha Helix Nucleation by a Simple Cyclic Tetrapeptide. Australian Journal of Chemistry, 2017, 70, 213.	0.9	6
399	Twists or turns: stabilising alpha vs. beta turns in tetrapeptides. Chemical Science, 2019, 10, 10595-10600.	7.4	6
400	Synthesis of benzoxazole-based vorinostat analogs and their antiproliferative activity. Bioorganic Chemistry, 2021, 114, 105132.	4.1	6
401	The balance of interleukinâ€12 and interleukinâ€23 determines the bias of MAIT1 versus MAIT17 responses during bacterial infection. Immunology and Cell Biology, 2022, 100, 547-561.	2.3	6
402	Structure of a novel protonated oxadiazine: an unusual heterocycle from the cycloaddition of a ketone with nitriles. Chemical Communications, 1996, , 1731.	4.1	5
403	Helical cyclic pentapeptides constrain HIV-1 Rev peptide forÂenhanced RNA binding. Tetrahedron, 2014, 70, 7645-7650.	1.9	5
404	Discovery of Potent Cyclic Antagonists of Human C5a Receptors. , 2005, , 341-362.		5
405	Characterisation of TNF-Î±-related peptides by high-performance liquid chromatographyâ€"mass spectrometry and high-performance liquid chromatographyâ€"tandem mass spectrometry. Journal of Chromatography A, 1993, 646, 185-191.	3.7	4
406	Benzylamide antagonists of protease activated receptor 2 with anti-inflammatory activity. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 986-991.	2.2	4
407	Cobalt-induced facile degradation of phenylurea to ammonia, carbon dioxide, and anilinium ion and other reactions of linkage isomeric cobalt(III) complexes of phenylurea [Erratum to document cited in CA110(22):199921u]. Inorganic Chemistry, 1990, 29, 3630-3630.	4.0	3
408	Small Peptides Do Not Inhibit Human Non-Pancreatic Secretory Phospholipase-A2 (Type IIA). Biochemical and Biophysical Research Communications, 2000, 274, 831-834.	2.1	3
409	Self-Condensation of a Thiazole-Peptide Bearing a 21-Membered Loop into a Library of Giant Macrocycles with Multiple Orthogonal Loops. Organic Letters, 2006, 8, 1053-1056.	4.6	3
410	Cyclooligomerization of a Helix-Bearing Template into Macrocycles Bearing Multiple Helices. Organic Letters, 2008, 10, 3481-3484.	4.6	3
411	Proteaseâ€activated receptor 2 does not contribute to renal inflammation or fibrosis in the obstructed kidney. Nephrology, 2019, 24, 983-991.	1.6	3
412	Mechanische VerstÃrkung von Coiled Coils mit Lactam und Histidinâ€Metallâ€Klammern. Angewandte Chemie, 2021, 133, 234-239.	2.0	3
413	Lateâ€Stage Hydrocarbon Conjugation and Cyclisation in Synthetic Peptides and Proteins. ChemBioChem, 2021, 22, 1784-1789.	2.6	3
414	Expression of protease activated receptor-2 is reduced in renal cell carcinoma biopsies and cell lines. PLoS ONE, 2021, 16, e0248983.	2.5	3

#	Article	IF	Citations
415	Histone deacetylase inhibitor AR-42 and achiral analogues kill malaria parasites in vitro and in mice. International Journal for Parasitology: Drugs and Drug Resistance, 2021, 17, 118-127.	3.4	3
416	Development of C5a receptor antagonists. IDrugs: the Investigational Drugs Journal, 1999, 2, 686-93.	0.7	3
417	Non-peptide inhibitors of HIV-1 protease. Synthesis and structural evaluation of symmetric and non-symmetric naphthalenesulfonic acid analogues. European Journal of Medicinal Chemistry, 1996, 31, 249-255.	5.5	2
418	Ligand-induced dimerisation of the complement C5aR and C5L2 receptors by C5a but not C5a-des Arg. Immunobiology, 2012, 217, 1181-1182.	1.9	2
419	Structures of peptide agonists for human protease activated receptor 2. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 916-919.	2.2	2
420	Activation of proteaseâ€activated receptor 2 is associated with blood pressure regulation and proteinuria reduction in metabolic syndrome. Clinical and Experimental Pharmacology and Physiology, 2021, 48, 211-220.	1.9	2
421	PAR2-Induced Tissue Factor Synthesis by Primary Cultures of Human Kidney Tubular Epithelial Cells Is Modified by Glucose Availability. International Journal of Molecular Sciences, 2021, 22, 7532.	4.1	2
422	High Cell Permeability Does Not Predict Oral Bioavailability for Analogues of Cyclic Heptapeptide Sanguinamide A. Australian Journal of Chemistry, 2020, 73, 344.	0.9	2
423	Differential location of NKT and MAIT cells within lymphoid tissue. Scientific Reports, 2022, 12, 4034.	3.3	2
424	Tuning Electrostatic and Hydrophobic Surfaces of Aromatic Rings to Enhance Membrane Association and Cell Uptake of Peptides. Angewandte Chemie, 2022, 134, .	2.0	2
425	Inhibition of immune-complex mediated dermal inflammation in rats following either oral or topical administration of a small molecule C5a receptor antagonist. British Journal of Pharmacology, 2002, 135, 579-580.	5.4	1
426	Proteases Universally Recognize ? Strands in Their Active Sites. ChemInform, 2005, 36, no.	0.0	1
427	Editorial [Hot Topic: Latest Developments in the Treatment of Inflammatory Disease (Guest Editor:) Tj ETQq1 1 0.784314 rgBT /Overlo	2.4	1
428	New Cysteine Derivatives with Antiproliferative Activity on Melanoma Cells. Medicinal Chemistry, 2006, 2, 123-132.	1.5	1
429	Base-Sensitivity of Arginine Alpha-Ketoamide Inhibitors of Serine Proteases. Australian Journal of Chemistry, 2009, 62, 988.	0.9	1
430	Targeting Host Complement C3a/C5a Receptors to Control of Acute Graft-Versus-Host Disease in Mice. Blood, 2015, 126, 3076-3076.	1.4	1
431	Current approaches to peptidomimetics. , 2002, , 579-598.		1
432	Synthesis, solution structure, and reactivity of oxygen-bound amides on cobalt(III). [Erratum to document cited in CA118(14):138542q]. Inorganic Chemistry, 1993, 32, 4168-4168.	4.0	0

#	Article	IF	Citations
433	Beta-Strand Mimetics. ChemInform, 2005, 36, no.	0.0	0
434	Over One Hundred Peptide-Activated G Protein-Coupled Receptors Recognize Ligands with Turn Structure. ChemInform, 2005, 36, no.	0.0	0
435	Organic Azide Inhibitors of Cysteine Proteases [J.Am. Chem. Soc.2006,128, 12396â˜12397].. Journal of the American Chemical Society, 2007, 129, 9532-9532.	13.7	0
436	Tumor-Associated Antigenic Peptides as Vaccine Candidates. , 0, , 303-316.		0
437	Editorial (Hot Topic: Chemical Biology Down Under). Current Topics in Medicinal Chemistry, 2012, 12, 1469-1470.	2.1	0
438	Shedding light on MHC class I antigen loading: a UV-labile peptide ligand approach. Molecular Immunology, 2012, 51, 33.	2.2	0
439	Correction: Downsizing the BAD BH3 peptide to small constrained Î±-helices with improved ligand efficiency. Organic and Biomolecular Chemistry, 2016, 14, 11525-11525.	2.8	0
440	Stereoelectronic Effects on Dienophile Separation Influence the Dielsâ€“Alder Synthesis of Molecular Clefts. European Journal of Organic Chemistry, 2017, 2017, 6793-6796.	2.4	0
441	Deactivation of the Chlorosulfonate Ion Coordinated to Pentaamminecobalt(III). Inorganic Reaction Mechanisms, 2002, 4, 197-208.	0.4	0
442	Title is missing!. , 2020, 18, e3000644.		0
443	Title is missing!. , 2020, 18, e3000644.		0
444	Title is missing!. , 2020, 18, e3000644.		0
445	Title is missing!. , 2020, 18, e3000644.		0
446	Title is missing!. , 2020, 18, e3000644.		0
447	Title is missing!. , 2020, 18, e3000644.		0
448	Temporal perturbation of histone deacetylase activity reveals a requirement for HDAC1â€“3 in mesendoderm cell differentiation. Cell Reports, 2022, 39, 110818.	6.4	0