

# David Fairlie

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/6155301/david-fairlie-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

439  
papers

25,576  
citations

83  
h-index

142  
g-index

482  
ext. papers

28,935  
ext. citations

8.4  
avg, IF

6.96  
L-index

#	Paper	IF	Citations
439	Differential location of NKT and MAIT cells within lymphoid tissue.. <i>Scientific Reports</i> , <b>2022</b> , 12, 4034	4.9	0
438	Temporal perturbation of histone deacetylase activity reveals a requirement for HDAC1-3 in mesendoderm cell differentiation.. <i>Cell Reports</i> , <b>2022</b> , 39, 110818	10.6	
437	De novo macrocyclic peptides for inhibiting, stabilizing, and probing the function of the retromer endosomal trafficking complex. <i>Science Advances</i> , <b>2021</b> , 7, eabg4007	14.3	1
436	Mechanotransduction activates RhoA in the neighbors of apoptotic epithelial cells to engage apical extrusion. <i>Current Biology</i> , <b>2021</b> , 31, 1326-1336.e5	6.3	16
435	PAR2 Activation on Human Kidney Tubular Epithelial Cells Induces Tissue Factor Synthesis, That Enhances Blood Clotting. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 615428	4.6	2
434	Expression of protease activated receptor-2 is reduced in renal cell carcinoma biopsies and cell lines. <i>PLoS ONE</i> , <b>2021</b> , 16, e0248983	3.7	2
433	Identification and Phenotype of MAIT Cells in Cattle and Their Response to Bacterial Infections. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 627173	8.4	4
432	Francisella tularensis induces Th1 like MAIT cells conferring protection against systemic and local infection. <i>Nature Communications</i> , <b>2021</b> , 12, 4355	17.4	4
431	Mechanische Verstärkung von Coiled Coils mit Lactam und Histidin-Metall-Klammern. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 234-239	3.6	1
430	PAR2 induces ovarian cancer cell motility by merging three signalling pathways to transactivate EGFR. <i>British Journal of Pharmacology</i> , <b>2021</b> , 178, 913-932	8.6	7
429	Connecting Hydrophobic Surfaces in Cyclic Peptides Increases Membrane Permeability. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 8385-8390	16.4	12
428	Connecting Hydrophobic Surfaces in Cyclic Peptides Increases Membrane Permeability. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 8466-8471	3.6	3
427	Activation of protease-activated receptor 2 is associated with blood pressure regulation and proteinuria reduction in metabolic syndrome. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2021</b> , 48, 211-220	3	0
426	Fortified Coiled Coils: Enhancing Mechanical Stability with Lactam or Metal Staples. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 232-236	16.4	7
425	Taking the Myc out of cancer: toward therapeutic strategies to directly inhibit c-Myc. <i>Molecular Cancer</i> , <b>2021</b> , 20, 3	42.1	46
424	HDAC7 Inhibition by Phenacetyl and Phenylbenzoyl Hydroxamates. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 2186-2204	8.3	4
423	Mucosal-Associated Invariant T Cell Effector Function Is an Intrinsic Cell Property That Can Be Augmented by the Metabolic Cofactor $\beta$ -Ketoglutarate. <i>Journal of Immunology</i> , <b>2021</b> , 206, 1425-1435	5.3	2

422	Late-Stage Hydrocarbon Conjugation and Cyclisation in Synthetic Peptides and Proteins. <i>ChemBioChem</i> , <b>2021</b> , 22, 1784-1789	3.8	0
421	PAR2-Induced Tissue Factor Synthesis by Primary Cultures of Human Kidney Tubular Epithelial Cells Is Modified by Glucose Availability. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
420	MAIT cells regulate NK cell-mediated tumor immunity. <i>Nature Communications</i> , <b>2021</b> , 12, 4746	17.4	8
419	Chemical Modulators of Mucosal Associated Invariant T Cells. <i>Accounts of Chemical Research</i> , <b>2021</b> , 54, 3462-3475	24.3	2
418	Synthesis of benzoxazole-based vorinostat analogs and their antiproliferative activity. <i>Bioorganic Chemistry</i> , <b>2021</b> , 114, 105132	5.1	2
417	Histone deacetylase inhibitor AR-42 and achiral analogues kill malaria parasites in vitro and in mice. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , <b>2021</b> , 17, 118-127	4	1
416	Protease-activated receptor-2 ligands reveal orthosteric and allosteric mechanisms of receptor inhibition. <i>Communications Biology</i> , <b>2020</b> , 3, 782	6.7	5
415	Achiral Derivatives of Hydroxamate AR-42 Potently Inhibit Class I HDAC Enzymes and Cancer Cell Proliferation. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 5956-5971	8.3	8
414	Systemic delivery of peptides by the oral route: Formulation and medicinal chemistry approaches. <i>Advanced Drug Delivery Reviews</i> , <b>2020</b> , 157, 2-36	18.5	74
413	Human MAIT cell cytolytic effector proteins synergize to overcome carbapenem resistance in Escherichia coli. <i>PLoS Biology</i> , <b>2020</b> , 18, e3000644	9.7	20
412	Class IIa Histone Deacetylases Drive Toll-like Receptor-Inducible Glycolysis and Macrophage Inflammatory Responses via Pyruvate Kinase M2. <i>Cell Reports</i> , <b>2020</b> , 30, 2712-2728.e8	10.6	25
411	The molecular basis underpinning the potency and specificity of MAIT cell antigens. <i>Nature Immunology</i> , <b>2020</b> , 21, 400-411	19.1	22
410	Virus-Mediated Suppression of the Antigen Presentation Molecule MR1. <i>Cell Reports</i> , <b>2020</b> , 30, 2948-2962.e4	20.6	15
409	MR1-Restricted T Cells with MAIT-like Characteristics Are Functionally Conserved in the Pteropid Bat. <i>iScience</i> , <b>2020</b> , 23, 101876	6.1	5
408	High Cell Permeability Does Not Predict Oral Bioavailability for Analogues of Cyclic Heptapeptide Sanguinamide A. <i>Australian Journal of Chemistry</i> , <b>2020</b> , 73, 344	1.2	2
407	Potent Thiophene Antagonists of Human Complement C3a Receptor with Anti-Inflammatory Activity. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 529-541	8.3	12
406	MAIT Cells Promote Tumor Initiation, Growth, and Metastases via Tumor MR1. <i>Cancer Discovery</i> , <b>2020</b> , 10, 124-141	24.4	50
405	Lipopolysaccharide promotes Drp1-dependent mitochondrial fission and associated inflammatory responses in macrophages. <i>Immunology and Cell Biology</i> , <b>2020</b> , 98, 528-539	5	16

404	CXCL16 Stimulates Antigen-Induced MAIT Cell Accumulation but Trafficking During Lung Infection Is CXCR6-Independent. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 1773	8.4	7
403	Absence of mucosal-associated invariant T cells in a person with a homozygous point mutation in. <i>Science Immunology</i> , <b>2020</b> , 5,	28	19
402	Artificially induced MAIT cells inhibit M. bovis BCG but not M. tuberculosis during in vivo pulmonary infection. <i>Scientific Reports</i> , <b>2020</b> , 10, 13579	4.9	14
401	Atypical TRAV1-2 T cell receptor recognition of the antigen-presenting molecule MR1. <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 14445-14457	5.4	5
400	Endoplasmic reticulum chaperones stabilize ligand-receptive MR1 molecules for efficient presentation of metabolite antigens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 24974-24985	11.5	13
399	Histone deacetylases 1 and 2 inhibition suppresses cytokine production and osteoclast bone resorption in vitro. <i>Journal of Cellular Biochemistry</i> , <b>2020</b> , 121, 244-258	4.7	7
398	Human MAIT cell cytolytic effector proteins synergize to overcome carbapenem resistance in Escherichia coli <b>2020</b> , 18, e3000644		
397	Human MAIT cell cytolytic effector proteins synergize to overcome carbapenem resistance in Escherichia coli <b>2020</b> , 18, e3000644		
396	Human MAIT cell cytolytic effector proteins synergize to overcome carbapenem resistance in Escherichia coli <b>2020</b> , 18, e3000644		
395	Human MAIT cell cytolytic effector proteins synergize to overcome carbapenem resistance in Escherichia coli <b>2020</b> , 18, e3000644		
394	Human MAIT cell cytolytic effector proteins synergize to overcome carbapenem resistance in Escherichia coli <b>2020</b> , 18, e3000644		
393	Human MAIT cell cytolytic effector proteins synergize to overcome carbapenem resistance in Escherichia coli <b>2020</b> , 18, e3000644		
392	Inhibitors of class I histone deacetylases attenuate thioacetamide-induced liver fibrosis in mice by suppressing hepatic type 2 inflammation. <i>British Journal of Pharmacology</i> , <b>2019</b> , 176, 3775-3790	8.6	13
391	Diverse MR1-restricted T cells in mice and humans. <i>Nature Communications</i> , <b>2019</b> , 10, 2243	17.4	37
390	Crystal Structures of Protein-Bound Cyclic Peptides. <i>Chemical Reviews</i> , <b>2019</b> , 119, 9861-9914	68.1	36
389	Pharmacological inhibition of protease-activated receptor-2 reduces crescent formation in rat nephrotoxic serum nephritis. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2019</b> , 46, 456-464	3	5
388	Oxazole-Benzenesulfonamide Derivatives Inhibit HIV-1 Reverse Transcriptase Interaction with Cellular eEF1A and Reduce Viral Replication. <i>Journal of Virology</i> , <b>2019</b> , 93,	6.6	3
387	Protease-activated receptor 2 does not contribute to renal inflammation or fibrosis in the obstructed kidney. <i>Nephrology</i> , <b>2019</b> , 24, 983-991	2.2	3

386	Alpha-synuclein structure and Parkinson's disease - lessons and emerging principles. <i>Molecular Neurodegeneration</i> , <b>2019</b> , 14, 29	19	135
385	A Novel Long-Range n to $\pi$ Interaction Secures the Smallest known $\beta$ -Helix in Water. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 18873-18877	16.4	15
384	Computer Modelling and Synthesis of Deoxy and Monohydroxy Analogues of a Ribitylamino-uracil Bacterial Metabolite that Potently Activates Human T Cells. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 15594-15608	4.8	10
383	Characterization and Purification of Mouse Mucosal-Associated Invariant T (MAIT) Cells. <i>Current Protocols in Immunology</i> , <b>2019</b> , 127, e89	4	3
382	Characterization of Human Mucosal-associated Invariant T (MAIT) Cells. <i>Current Protocols in Immunology</i> , <b>2019</b> , 127, e90	4	6
381	MAIT Cells Upregulate $\alpha\beta$ in Response to Acute Simian Immunodeficiency Virus/Simian HIV Infection but Are Resistant to Peripheral Depletion in Pigtail Macaques. <i>Journal of Immunology</i> , <b>2019</b> , 202, 2105-2120	5.3	19
380	IL-23 costimulates antigen-specific MAIT cell activation and enables vaccination against bacterial infection. <i>Science Immunology</i> , <b>2019</b> , 4,	28	39
379	A class of $\Gamma$ cell receptors recognize the underside of the antigen-presenting molecule MR1. <i>Science</i> , <b>2019</b> , 366, 1522-1527	33.3	53
378	Mirror image pairs of cyclic hexapeptides have different oral bioavailabilities and metabolic stabilities. <i>Chemical Communications</i> , <b>2019</b> , 55, 13362-13365	5.8	7
377	A divergent transcriptional landscape underpins the development and functional branching of MAIT cells. <i>Science Immunology</i> , <b>2019</b> , 4,	28	31
376	A Novel Long-Range n to $\pi$ Interaction Secures the Smallest known $\beta$ -Helix in Water. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 19049-19053	3.6	5
375	Twists or turns: stabilising alpha beta turns in tetrapeptides. <i>Chemical Science</i> , <b>2019</b> , 10, 10595-10600	9.4	5
374	Structure-Activity Relationships of Wollamide Cyclic Hexapeptides with Activity against Drug-Resistant and Intracellular. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2019</b> , 63,	5.9	4
373	Chemically Diverse Helix-Constrained Peptides Using Selenocysteine Crosslinking. <i>Organic Letters</i> , <b>2018</b> , 20, 1453-1456	6.2	18
372	Enumeration, functional responses and cytotoxic capacity of MAIT cells in newly diagnosed and relapsed multiple myeloma. <i>Scientific Reports</i> , <b>2018</b> , 8, 4159	4.9	51
371	An overview on the identification of MAIT cell antigens. <i>Immunology and Cell Biology</i> , <b>2018</b> , 96, 573-587	5	41
370	Glucuronic acid as a helix-inducing linker in short peptides. <i>Chemical Communications</i> , <b>2018</b> , 54, 2162-2165	5.8	7
369	Human blood MAIT cell subsets defined using MR1 tetramers. <i>Immunology and Cell Biology</i> , <b>2018</b> , 96, 507-525	5	115

368	Mucosal-Associated Invariant T Cells Augment Immunopathology and Gastritis in Chronic Infection. <i>Journal of Immunology</i> , <b>2018</b> , 200, 1901-1916	5.3	32
367	Contiguous hydrophobic and charged surface patches in short helix-constrained peptides drive cell permeability. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 367-371	3.9	18
366	A Potent Antagonist of Protease-Activated Receptor 2 That Inhibits Multiple Signaling Functions in Human Cancer Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2018</b> , 364, 246-257	4.7	32
365	Bicyclic Helical Peptides as Dual Inhibitors Selective for Bcl2A1 and Mcl-1 Proteins. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 2962-2972	8.3	29
364	Lysine Deacetylases and Regulated Glycolysis in Macrophages. <i>Trends in Immunology</i> , <b>2018</b> , 39, 473-488	14.4	37
363	Chemical Approaches to Modulating Complement-Mediated Diseases. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 3253-3276	8.3	4
362	MAIT cells protect against pulmonary <i>Legionella longbeachae</i> infection. <i>Nature Communications</i> , <b>2018</b> , 9, 3350	17.4	111
361	Hepatic expression profiling identifies steatosis-independent and steatosis-driven advanced fibrosis genes. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	21
360	Recipient mucosal-associated invariant T cells control GVHD within the colon. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 1919-1936	15.9	60
359	Complement C3a and C5a receptors promote GVHD by suppressing mitophagy in recipient dendritic cells. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	13
358	Identification of brain metastasis genes and therapeutic evaluation of histone deacetylase inhibitors in a clinically relevant model of breast cancer brain metastasis. <i>DMM Disease Models and Mechanisms</i> , <b>2018</b> , 11,	4.1	15
357	Mucosal-associated invariant T-cell activation and accumulation after in vivo infection depends on microbial riboflavin synthesis and co-stimulatory signals. <i>Mucosal Immunology</i> , <b>2017</b> , 10, 58-68	9.2	141
356	Insecticidal activities of histone deacetylase inhibitors against a dipteran parasite of sheep, <i>Lucilia cuprina</i> . <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , <b>2017</b> , 7, 51-60	4	2
355	Effect of clinically approved HDAC inhibitors on <i>Plasmodium</i> , <i>Leishmania</i> and <i>Schistosoma</i> parasite growth. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , <b>2017</b> , 7, 42-50	4	57
354	The Ribosomal Protein S19 Suppresses Antitumor Immune Responses via the Complement C5a Receptor 1. <i>Journal of Immunology</i> , <b>2017</b> , 198, 2989-2999	5.3	29
353	Stabilizing short-lived Schiff base derivatives of 5-aminouracils that activate mucosal-associated invariant T cells. <i>Nature Communications</i> , <b>2017</b> , 8, 14599	17.4	82
352	Tolyporphin Macrocycles from the Cyanobacterium <i>Tolypothrix nodosa</i> Selectively Bind Copper and Silver and Reverse Multidrug Resistance. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 5577-5585	5.1	13
351	Drugs and drug-like molecules can modulate the function of mucosal-associated invariant T cells. <i>Nature Immunology</i> , <b>2017</b> , 18, 402-411	19.1	116

350	Biased Signaling by Agonists of Protease Activated Receptor 2. <i>ACS Chemical Biology</i> , <b>2017</b> , 12, 1217-1226	4.9	25
349	An HDAC6 Inhibitor Confers Protection and Selectively Inhibits B-Cell Infiltration in DSS-Induced Colitis in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2017</b> , 360, 140-151	4.7	21
348	Downsizing Proto-oncogene cFos to Short Helix-Constrained Peptides That Bind Jun. <i>ACS Chemical Biology</i> , <b>2017</b> , 12, 2051-2061	4.9	22
347	Orally Absorbed Cyclic Peptides. <i>Chemical Reviews</i> , <b>2017</b> , 117, 8094-8128	68.1	209
346	Quinazolinone derivatives as inhibitors of homologous recombinase RAD51. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2017</b> , 27, 3096-3100	2.9	15
345	Europium-Labeled Synthetic C3a Protein as a Novel Fluorescent Probe for Human Complement C3a Receptor. <i>Bioconjugate Chemistry</i> , <b>2017</b> , 28, 1669-1676	6.3	5
344	Total Synthesis of Mycobacterium tuberculosis Dideoxymycobactin-838 and Stereoisomers: Diverse CD1a-Restricted T Cells Display a Common Hierarchy of Lipopeptide Recognition. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 1694-1701	4.8	6
343	Alpha Helix Nucleation by a Simple Cyclic Tetrapeptide. <i>Australian Journal of Chemistry</i> , <b>2017</b> , 70, 213	1.2	4
342	Histone deacetylases (HDAC) in physiological and pathological bone remodelling. <i>Bone</i> , <b>2017</b> , 95, 162-174	4.7	36
341	Mapping transmembrane residues of proteinase activated receptor 2 (PAR) that influence ligand-modulated calcium signaling. <i>Pharmacological Research</i> , <b>2017</b> , 117, 328-342	10.2	8
340	Stereoelectronic Effects on Dienophile Separation Influence the Diels-Alder Synthesis of Molecular Clefts. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 6793-6796	3.2	
339	Protease activated receptor 2 controls myelin development, resiliency and repair. <i>Glia</i> , <b>2017</b> , 65, 2070-2086	3.6	11
338	Exploiting a novel conformational switch to control innate immunity mediated by complement protein C3a. <i>Nature Communications</i> , <b>2017</b> , 8, 351	17.4	23
337	Helixconstraints and amino acid substitution in GLP-1 increase cAMP and insulin secretion but not beta-arrestin 2 signaling. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 127, 703-714	6.8	16
336	Electrophilic Helical Peptides That Bond Covalently, Irreversibly, and Selectively in a Protein-Protein Interaction Site. <i>ACS Medicinal Chemistry Letters</i> , <b>2017</b> , 8, 22-26	4.3	18
335	Human mucosal-associated invariant T cells contribute to antiviral influenza immunity via IL-18-dependent activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 10133-8	11.5	173
334	Antagonism of the proinflammatory and pronociceptive actions of canonical and biased agonists of protease-activated receptor-2. <i>British Journal of Pharmacology</i> , <b>2016</b> , 173, 2752-65	8.6	14
333	PAR2 Modulators Derived from GB88. <i>ACS Medicinal Chemistry Letters</i> , <b>2016</b> , 7, 1179-1184	4.3	10

332	Downsizing the BAD BH3 peptide to small constrained $\beta$ helices with improved ligand efficiency. <i>Organic and Biomolecular Chemistry</i> , <b>2016</b> , 14, 10939-10945	3.9	14
331	Correction: Downsizing the BAD BH3 peptide to small constrained $\beta$ helices with improved ligand efficiency. <i>Organic and Biomolecular Chemistry</i> , <b>2016</b> , 14, 11525	3.9	
330	Helix Nucleation by the Smallest Known $\beta$ Helix in Water. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 8275-9	16.4	33
329	Histone deacetylases in monocyte/macrophage development, activation and metabolism: refining HDAC targets for inflammatory and infectious diseases. <i>Clinical and Translational Immunology</i> , <b>2016</b> , 5, e62	6.8	71
328	Diversity of T Cells Restricted by the MHC Class I-Related Molecule MR1 Facilitates Differential Antigen Recognition. <i>Immunity</i> , <b>2016</b> , 44, 32-45	32.3	133
327	Differential Anti-inflammatory Activity of HDAC Inhibitors in Human Macrophages and Rat Arthritis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2016</b> , 356, 387-96	4.7	35
326	Simultaneous uncoupled expression and purification of the Dengue virus NS3 protease and NS2B co-factor domain. <i>Protein Expression and Purification</i> , <b>2016</b> , 119, 124-9	2	14
325	Potent Small Agonists of Protease Activated Receptor 2. <i>ACS Medicinal Chemistry Letters</i> , <b>2016</b> , 7, 105-109	4.3	13
324	Protease activated receptor 2 (PAR2) modulators: a patent review (2010-2015). <i>Expert Opinion on Therapeutic Patents</i> , <b>2016</b> , 26, 471-83	6.8	18
323	Benzylamide antagonists of protease activated receptor 2 with anti-inflammatory activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2016</b> , 26, 986-991	2.9	4
322	Membrane-anchored Serine Protease Matriptase Is a Trigger of Pulmonary Fibrogenesis. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2016</b> , 193, 847-60	10.2	34
321	Development of cell-penetrating peptide-based drug leads to inhibit MDMX:p53 and MDM2:p53 interactions. <i>Biopolymers</i> , <b>2016</b> , 106, 853-863	2.2	21
320	Helix Nucleation by the Smallest Known $\beta$ Helix in Water. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 8415-8419	3.6	13
319	Review stapling peptides using cysteine crosslinking. <i>Biopolymers</i> , <b>2016</b> , 106, 843-852	2.2	77
318	Product release is rate-limiting for catalytic processing by the Dengue virus protease. <i>Scientific Reports</i> , <b>2016</b> , 6, 37539	4.9	9
317	Receptor residence time trumps drug-likeness and oral bioavailability in determining efficacy of complement C5a antagonists. <i>Scientific Reports</i> , <b>2016</b> , 6, 24575	4.9	30
316	Truncated Glucagon-like Peptide-1 and Exendin-4 $\beta$ Conotoxin p14a Peptide Chimeras Maintain Potency and $\beta$ Helicity and Reveal Interactions Vital for cAMP Signaling in Vitro. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 15778-87	5.4	9
315	The intracellular pathway for the presentation of vitamin B-related antigens by the antigen-presenting molecule MR1. <i>Nature Immunology</i> , <b>2016</b> , 17, 531-7	19.1	92



314	A three-stage intrathymic development pathway for the mucosal-associated invariant T cell lineage. <i>Nature Immunology</i> , <b>2016</b> , 17, 1300-1311	19.1	183
313	Facile synthesis of mono- and bis-methylated Fmoc-Dap, -Dab and -Orn amino acids. <i>Chemical Communications</i> , <b>2015</b> , 51, 4496-8	5.8	6
312	Functional Heterogeneity and Antimycobacterial Effects of Mouse Mucosal-Associated Invariant T Cells Specific for Riboflavin Metabolites. <i>Journal of Immunology</i> , <b>2015</b> , 195, 587-601	5.3	96
311	Identification of phenotypically and functionally heterogeneous mouse mucosal-associated invariant T cells using MR1 tetramers. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 1095-108	16.6	223
310	Profiling the anti-protozoal activity of anti-cancer HDAC inhibitors against Plasmodium and Trypanosoma parasites. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , <b>2015</b> , 5, 117-264		58
309	Nutrient and immune sensing are obligate pathways in metabolism, immunity, and disease. <i>FASEB Journal</i> , <b>2015</b> , 29, 3612-25	0.9	19
308	Helix-constrained nociceptin peptides are potent agonists and antagonists of ORL-1 and nociception. <i>Vitamins and Hormones</i> , <b>2015</b> , 97, 1-55	2.5	5
307	Short Hydrophobic Peptides with Cyclic Constraints Are Potent Glucagon-like Peptide-1 Receptor (GLP-1R) Agonists. <i>Journal of Medicinal Chemistry</i> , <b>2015</b> , 58, 4080-5	8.3	36
306	Inhibiting histone deacetylase 1 suppresses both inflammation and bone loss in arthritis. <i>Rheumatology</i> , <b>2015</b> , 54, 1713-23	3.9	55
305	Cyclic alpha-conotoxin peptidomimetic chimeras as potent GLP-1R agonists. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 103, 175-84	6.8	16
304	Potent complement C3a receptor agonists derived from oxazole amino acids: Structure-activity relationships. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2015</b> , 25, 5604-8	2.9	5
303	Histone deacetylase enzymes as drug targets for the control of the sheep blowfly, <i>Lucilia cuprina</i> . <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , <b>2015</b> , 5, 201-8	4	6
302	Thiazoles in Peptides and Peptidomimetics. <i>Topics in Heterocyclic Chemistry</i> , <b>2015</b> , 235-266	0.2	4
301	Repurposing Registered Drugs as Antagonists for Protease-Activated Receptor 2. <i>Journal of Chemical Information and Modeling</i> , <b>2015</b> , 55, 2079-84	6.1	9
300	Peptide inhibitors of the Escherichia coli DsbA oxidative machinery essential for bacterial virulence. <i>Journal of Medicinal Chemistry</i> , <b>2015</b> , 58, 577-87	8.3	30
299	Histone Deacetylase Inhibitors Promote Mitochondrial Reactive Oxygen Species Production and Bacterial Clearance by Human Macrophages. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 60, 1521-9	5.9	33
298	Flexibility versus Rigidity for Orally Bioavailable Cyclic Hexapeptides. <i>ChemBioChem</i> , <b>2015</b> , 16, 2289-93	3.8	46
297	Virtual Screening of Peptide and Peptidomimetic Fragments Targeted to Inhibit Bacterial Dithiol Oxidase DsbA. <i>PLoS ONE</i> , <b>2015</b> , 10, e0133805	3.7	13

296	Three Homology Models of PAR2 Derived from Different Templates: Application to Antagonist Discovery. <i>Journal of Chemical Information and Modeling</i> , <b>2015</b> , 55, 1181-91	6.1	13
295	Recognition of Vitamin B Precursors and Byproducts by Mucosal Associated Invariant T Cells. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 30204-11	5.4	81
294	Comparing sixteen scoring functions for predicting biological activities of ligands for protein targets. <i>Journal of Molecular Graphics and Modelling</i> , <b>2015</b> , 57, 76-88	2.8	49
293	Small molecule inhibitors of disulfide bond formation by the bacterial DsbA-DsbB dual enzyme system. <i>ACS Chemical Biology</i> , <b>2015</b> , 10, 957-64	4.9	20
292	Targeting Host Complement C3a/C5a Receptors to Control of Acute Graft-Versus-Host Disease in Mice. <i>Blood</i> , <b>2015</b> , 126, 3076-3076	2.2	1
291	Lysine acetylation in sexual stage malaria parasites is a target for antimalarial small molecules. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2014</b> , 58, 3666-78	5.9	52
290	Biased signalling and proteinase-activated receptors (PARs): targeting inflammatory disease. <i>British Journal of Pharmacology</i> , <b>2014</b> , 171, 1180-94	8.6	126
289	Potent heterocyclic ligands for human complement c3a receptor. <i>Journal of Medicinal Chemistry</i> , <b>2014</b> , 57, 8459-70	8.3	18
288	Improving on nature: making a cyclic heptapeptide orally bioavailable. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 12059-63	16.4	107
287	Comparative Helicity of cyclic pentapeptides in water. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 6965-9	16.4	128
286	Cyclic Penta- and Hexaleucine Peptides without N-Methylation Are Orally Absorbed. <i>ACS Medicinal Chemistry Letters</i> , <b>2014</b> , 5, 1148-51	4.3	45
285	Pathway-selective antagonism of proteinase activated receptor 2. <i>British Journal of Pharmacology</i> , <b>2014</b> , 171, 4112-24	8.6	43
284	Stereoelectronic effects dictate molecular conformation and biological function of heterocyclic amides. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 11914-7	16.4	49
283	Helical cyclic pentapeptides constrain HIV-1 Rev peptide for enhanced RNA binding. <i>Tetrahedron</i> , <b>2014</b> , 70, 7645-7650	2.4	3
282	T-cell activation by transitory neo-antigens derived from distinct microbial pathways. <i>Nature</i> , <b>2014</b> , 509, 361-5	50.4	492
281	Constraining cyclic peptides to mimic protein structure motifs. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 13020-41	16.4	277
280	Complement c5a receptor facilitates cancer metastasis by altering T-cell responses in the metastatic niche. <i>Cancer Research</i> , <b>2014</b> , 74, 3454-65	10.1	119
279	C5aR and C5L2 act in concert to balance immunometabolism in adipose tissue. <i>Molecular and Cellular Endocrinology</i> , <b>2014</b> , 382, 325-333	4.4	12

278	Fixierung cyclischer Peptide: Mimetika von Proteinstrukturmotiven. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 13234-13257	3.6	67
277	Crystal structure of the dithiol oxidase DsbA enzyme from proteus mirabilis bound non-covalently to an active site peptide ligand. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 19810-22	5.4	15
276	Comparative Helicity of Cyclic Pentapeptides in Water. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 7085-7089	3.6	40
275	Rational design and synthesis of an orally bioavailable peptide guided by NMR amide temperature coefficients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 17504-9	11.5	112
274	A molecular basis underpinning the T cell receptor heterogeneity of mucosal-associated invariant T cells. <i>Journal of Experimental Medicine</i> , <b>2014</b> , 211, 1585-600	16.6	172
273	Improving on Nature: Making a Cyclic Heptapeptide Orally Bioavailable. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 12255-12259	3.6	18
272	Toward drugs for protease-activated receptor 2 (PAR2). <i>Journal of Medicinal Chemistry</i> , <b>2013</b> , 56, 7477-98.3	9.3	59
271	Recognition of vitamin B metabolites by mucosal-associated invariant T cells. <i>Nature Communications</i> , <b>2013</b> , 4, 2142	17.4	206
270	Identification and characterization of bi-thiazole-2,2Pdiamines as kinase inhibitory scaffolds. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2013</b> , 1834, 1077-88	4	7
269	Antigen-loaded MR1 tetramers define T cell receptor heterogeneity in mucosal-associated invariant T cells. <i>Journal of Experimental Medicine</i> , <b>2013</b> , 210, 2305-20	16.6	379
268	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. <i>Immunobiology</i> , <b>2013</b> , 218, 1345-53	3.4	33
267	Inflammatory responses induced by lipopolysaccharide are amplified in primary human monocytes but suppressed in macrophages by complement protein C5a. <i>Journal of Immunology</i> , <b>2013</b> , 191, 4308-16	5.3	60
266	C5aR and C3aR antagonists each inhibit diet-induced obesity, metabolic dysfunction, and adipocyte and macrophage signaling. <i>FASEB Journal</i> , <b>2013</b> , 27, 822-31	0.9	88
265	The future of peptide-based drugs. <i>Chemical Biology and Drug Design</i> , <b>2013</b> , 81, 136-47	2.9	1177
264	Efficient chemical synthesis of human complement protein C3a. <i>Chemical Communications</i> , <b>2013</b> , 49, 2356-8	5.8	14
263	An interaction between the methyltransferase and RNA dependent RNA polymerase domains of the West Nile virus NS5 protein. <i>Journal of General Virology</i> , <b>2013</b> , 94, 1961-1971	4.9	17
262	Diet-induced obesity, adipose inflammation, and metabolic dysfunction correlating with PAR2 expression are attenuated by PAR2 antagonism. <i>FASEB Journal</i> , <b>2013</b> , 27, 4757-67	0.9	77
261	Downsizing a human inflammatory protein to a small molecule with equal potency and functionality. <i>Nature Communications</i> , <b>2013</b> , 4, 2802	17.4	24

260	PAR2-induced inflammatory responses in human kidney tubular epithelial cells. <i>American Journal of Physiology - Renal Physiology</i> , <b>2013</b> , 304, F737-50	4.3	29
259	Rv2969c, essential for optimal growth in Mycobacterium tuberculosis, is a DsbA-like enzyme that interacts with VKOR-derived peptides and has atypical features of DsbA-like disulfide oxidases. <i>Acta Crystallographica Section D: Biological Crystallography</i> , <b>2013</b> , 69, 1981-94		26
258	Histone deacetylase 7 promotes Toll-like receptor 4-dependent proinflammatory gene expression in macrophages. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 25362-25374	5.4	61
257	C5a, but not C5a-des Arg, induces upregulation of heteromer formation between complement C5a receptors C5aR and C5L2. <i>Immunology and Cell Biology</i> , <b>2013</b> , 91, 625-33	5	35
256	Truncated and helix-constrained peptides with high affinity and specificity for the cFos coiled-coil of AP-1. <i>PLoS ONE</i> , <b>2013</b> , 8, e59415	3.7	38
255	Comparative sequence, structure and redox analyses of Klebsiella pneumoniae DsbA show that anti-virulence target DsbA enzymes fall into distinct classes. <i>PLoS ONE</i> , <b>2013</b> , 8, e80210	3.7	20
254	The $\epsilon$ -proteobacteria Wolbachia pipientis protein disulfide machinery has a regulatory mechanism absent in $\epsilon$ -proteobacteria. <i>PLoS ONE</i> , <b>2013</b> , 8, e81440	3.7	9
253	Structures of peptide agonists for human protease activated receptor 2. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2012</b> , 22, 916-9	2.9	2
252	Folding pentapeptides into left and right handed alpha helices. <i>Tetrahedron</i> , <b>2012</b> , 68, 4513-4516	2.4	8
251	Histone deacetylase inhibitors as suppressors of bone destruction in inflammatory diseases. <i>Journal of Pharmacy and Pharmacology</i> , <b>2012</b> , 64, 763-74	4.8	21
250	MR1 presents microbial vitamin B metabolites to MAIT cells. <i>Nature</i> , <b>2012</b> , 491, 717-23	50.4	834
249	Total synthesis, structure, and oral absorption of a thiazole cyclic peptide, sanguinamide A. <i>Organic Letters</i> , <b>2012</b> , 14, 5720-3	6.2	51
248	Lysine acetylation in obesity, diabetes and metabolic disease. <i>Immunology and Cell Biology</i> , <b>2012</b> , 90, 39-46	5	85
247	Antagonism of protease-activated receptor 2 protects against experimental colitis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2012</b> , 340, 256-65	4.7	74
246	HDAC inhibitors: modulating leukocyte differentiation, survival, proliferation and inflammation. <i>Immunology and Cell Biology</i> , <b>2012</b> , 90, 14-22	5	62
245	A Comparative Study of Impedance versus Optical Label-Free Systems Relative to Labelled Assays in a Predominantly Gi Coupled GPCR (C5aR) Signalling. <i>Biosensors</i> , <b>2012</b> , 2, 273-90	5.9	13
244	Matching cavities in G protein-coupled receptors to infer ligand-binding sites. <i>Journal of Chemical Information and Modeling</i> , <b>2012</b> , 52, 1401-10	6.1	7
243	Catalyst-Free N-Arylation Using Unactivated Fluorobenzenes. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 8136-8140	5.6	25

242	Catalyst-free N-arylation using unactivated fluorobenzenes. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 8012-6	16.4	98
241	C5a receptor (CD88) inhibition improves hypothermia-induced neuroprotection in an in vitro ischemic model. <i>NeuroMolecular Medicine</i> , <b>2012</b> , 14, 30-9	4.6	14
240	Modulating human proteinase activated receptor 2 with a novel antagonist (GB88) and agonist (GB110). <i>British Journal of Pharmacology</i> , <b>2012</b> , 165, 1413-23	8.6	84
239	An antagonist of human protease activated receptor-2 attenuates PAR2 signaling, macrophage activation, mast cell degranulation, and collagen-induced arthritis in rats. <i>FASEB Journal</i> , <b>2012</b> , 26, 2877-87	8.9	79
238	Antimalarial activity of the anticancer histone deacetylase inhibitor SB939. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2012</b> , 56, 3849-56	5.9	63
237	An inhibitor of phospholipase A2 group IIA modulates adipocyte signaling and protects against diet-induced metabolic syndrome in rats. <i>Diabetes</i> , <b>2012</b> , 61, 2320-9	0.9	44
236	Towards isozyme-selective HDAC inhibitors for interrogating disease. <i>Current Topics in Medicinal Chemistry</i> , <b>2012</b> , 12, 1479-99	3	37
235	Targeting quorum sensing and competence stimulation for antimicrobial chemotherapy. <i>Current Drug Targets</i> , <b>2012</b> , 13, 1348-59	3	12
234	Comparative gene expression profiling of <i>P. falciparum</i> malaria parasites exposed to three different histone deacetylase inhibitors. <i>PLoS ONE</i> , <b>2012</b> , 7, e31847	3.7	51
233	Towards histone deacetylase inhibitors as new antimalarial drugs. <i>Current Pharmaceutical Design</i> , <b>2012</b> , 18, 3467-79	3.3	37
232	Histone deacetylases as regulators of inflammation and immunity. <i>Trends in Immunology</i> , <b>2011</b> , 32, 335-43	4.4	363
231	Ex vivo activity of histone deacetylase inhibitors against multidrug-resistant clinical isolates of <i>Plasmodium falciparum</i> and <i>P. vivax</i> . <i>Antimicrobial Agents and Chemotherapy</i> , <b>2011</b> , 55, 961-6	5.9	45
230	Inhibition of inflammation and fibrosis by a complement C5a receptor antagonist in DOCA-salt hypertensive rats. <i>Journal of Cardiovascular Pharmacology</i> , <b>2011</b> , 58, 479-86	3.1	30
229	Histone deacetylase inhibitors and periodontal bone loss. <i>Journal of Periodontal Research</i> , <b>2011</b> , 46, 697-703	4.9	47
228	Structure, function and pathophysiology of protease activated receptors. <i>Pharmacology &amp; Therapeutics</i> , <b>2011</b> , 130, 248-82	13.9	258
227	Inhibitors of histone deacetylases in class I and class II suppress human osteoclasts in vitro. <i>Journal of Cellular Physiology</i> , <b>2011</b> , 226, 3233-41	7	49
226	Recent Advances in Estrand Mimetics <b>2011</b> , 129-147		1
225	Protein Turns Recreated in Structurally Stable Small Molecules. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 11303-1307	13.07	8

224	Protein turns recreated in structurally stable small molecules. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 11107-11	16.4	19
223	Amyloid formation from an helix peptide bundle is seeded by 3(10)-helix aggregates. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 151-60	4.8	21
222	Synthesis of the thiazole-thiazoline fragment of largazole analogues. <i>Journal of Organic Chemistry</i> , <b>2011</b> , 76, 9845-51	4.2	17
221	Antifibrotic activity of an inhibitor of histone deacetylases in DOCA-salt hypertensive rats. <i>British Journal of Pharmacology</i> , <b>2010</b> , 159, 1408-17	8.6	100
220	Profiling gene expression induced by protease-activated receptor 2 (PAR2) activation in human kidney cells. <i>PLoS ONE</i> , <b>2010</b> , 5, e13809	3.7	37
219	Differential effects of selective HDAC inhibitors on macrophage inflammatory responses to the Toll-like receptor 4 agonist LPS. <i>Journal of Leukocyte Biology</i> , <b>2010</b> , 87, 1103-14	6.5	142
218	Downsizing human, bacterial, and viral proteins to short water-stable alpha helices that maintain biological potency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 11686-91	11.5	144
217	Inflammatory lipid mediators in adipocyte function and obesity. <i>Nature Reviews Endocrinology</i> , <b>2010</b> , 6, 71-82	15.2	209
216	Selective hexapeptide agonists and antagonists for human complement C3a receptor. <i>Journal of Medicinal Chemistry</i> , <b>2010</b> , 53, 4938-48	8.3	28
215	Noncovalent tripeptidyl benzyl- and cyclohexyl-amine inhibitors of the cysteine protease caspase-1. <i>Journal of Medicinal Chemistry</i> , <b>2010</b> , 53, 2651-5	8.3	12
214	Novel agonists and antagonists for human protease activated receptor 2. <i>Journal of Medicinal Chemistry</i> , <b>2010</b> , 53, 7428-40	8.3	83
213	Novel helix-constrained nociceptin derivatives are potent agonists and antagonists of ERK phosphorylation and thermal analgesia in mice. <i>Journal of Medicinal Chemistry</i> , <b>2010</b> , 53, 8400-8	8.3	34
212	Update 1 of: Beta-strand mimetics. <i>Chemical Reviews</i> , <b>2010</b> , 110, PR32-69	68.1	82
211	Update 1 of: Proteases universally recognize beta strands in their active sites. <i>Chemical Reviews</i> , <b>2010</b> , 110, PR1-31	68.1	129
210	Update 1 of: Over one hundred peptide-activated G protein-coupled receptors recognize ligands with turn structure. <i>Chemical Reviews</i> , <b>2010</b> , 110, PR1-41	68.1	58
209	Antimalarial histone deacetylase inhibitors containing cinnamate or NSAID components. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2010</b> , 20, 7080-4	2.9	32
208	Inhibitors selective for HDAC6 in enzymes and cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2010</b> , 20, 7067-70	2.9	29
207	In silico screening of small molecule libraries using the dengue virus envelope E protein has identified compounds with antiviral activity against multiple flaviviruses. <i>Antiviral Research</i> , <b>2009</b> , 84, 234-41	10.8	78

206	The use of live-animal micro-computed tomography to determine the effect of a novel phospholipase A2 inhibitor on alveolar bone loss in an in vivo mouse model of periodontitis. <i>Journal of Periodontal Research</i> , <b>2009</b> , 44, 317-22	4.3	22
205	Base-Sensitivity of Arginine Alpha-Ketoamide Inhibitors of Serine Proteases. <i>Australian Journal of Chemistry</i> , <b>2009</b> , 62, 988	1.2	1
204	Metal clips that induce unstructured pentapeptides to be alpha-helical in water. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 4505-12	16.4	42
203	A cyclic beta-strand tripeptide with an alpha-helix like CD spectrum. <i>Organic Letters</i> , <b>2009</b> , 11, 3092-5	6.2	16
202	Left- and right-handed alpha-helical turns in homo- and hetero-chiral helical scaffolds. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 15877-86	16.4	22
201	Complement component C2, inhibiting a latent serine protease in the classical pathway of complement activation. <i>Biochemistry</i> , <b>2009</b> , 48, 8466-72	3.2	8
200	Structure of West Nile virus NS3 protease: ligand stabilization of the catalytic conformation. <i>Journal of Molecular Biology</i> , <b>2009</b> , 385, 1568-77	6.5	119
199	Targeting histone deacetylase inhibitors for anti-malarial therapy. <i>Current Topics in Medicinal Chemistry</i> , <b>2009</b> , 9, 292-308	3	70
198	Structure-activity relationships for substrate-based inhibitors of human complement factor B. <i>Journal of Medicinal Chemistry</i> , <b>2009</b> , 52, 6042-52	8.3	10
197	Histone deacetylase inhibitors in inflammatory disease. <i>Current Topics in Medicinal Chemistry</i> , <b>2009</b> , 9, 309-19	3	157
196	Potent antimalarial activity of histone deacetylase inhibitor analogues. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2008</b> , 52, 1454-61	5.9	99
195	Linkage isomerism in the binding of pentapeptide Ac-His(Ala) <sub>3</sub> His-NH <sub>2</sub> to (ethylenediamine)palladium(II): effect of the binding mode on peptide conformation. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 9439-49	5.1	10
194	Potent cationic inhibitors of West Nile virus NS2B/NS3 protease with serum stability, cell permeability and antiviral activity. <i>Journal of Medicinal Chemistry</i> , <b>2008</b> , 51, 5714-21	8.3	68
193	Crystal structures of highly constrained substrate and hydrolysis products bound to HIV-1 protease. Implications for the catalytic mechanism. <i>Biochemistry</i> , <b>2008</b> , 47, 3736-44	3.2	20
192	Cyclooligomerization of a helix-bearing template into macrocycles bearing multiple helices. <i>Organic Letters</i> , <b>2008</b> , 10, 3481-4	6.2	3
191	Mutagenesis of the West Nile virus NS2B cofactor domain reveals two regions essential for protease activity. <i>Journal of General Virology</i> , <b>2008</b> , 89, 1010-1014	4.9	44
190	West Nile Virus NS2B/NS3 protease as an antiviral target. <i>Current Medicinal Chemistry</i> , <b>2008</b> , 15, 2771-84	4.3	69
189	Parallel Synthesis Of Anticancer, Antiinflammatory, And Antiviral Agents Derived From L- And D-amino Acids. <i>Critical Reviews in Combinatorial Chemistry</i> , <b>2008</b> , 177-194		

188	Clean or Dirty? Just How Selective Do Drugs Need To Be?. <i>Australian Journal of Chemistry</i> , <b>2008</b> , 61, 654	1.2	8
187	A dual-purpose synthetic colloidal platform for protease mapping: substrate profiling for Dengue and West Nile virus proteases. <i>Analytical Biochemistry</i> , <b>2008</b> , 376, 151-3	3.1	12
186	Amyloid peptides and proteins in review. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , <b>2007</b> , 159, 1-77	2.9	92
185	A refined agonist pharmacophore for protease activated receptor 2. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2007</b> , 17, 5552-7	2.9	19
184	Hepta and octapeptide agonists of protease-activated receptor 2. <i>Journal of Peptide Science</i> , <b>2007</b> , 13, 856-61	2.1	9
183	Function, structure and therapeutic potential of complement C5a receptors. <i>British Journal of Pharmacology</i> , <b>2007</b> , 152, 429-48	8.6	281
182	A new paradigm for protein kinase inhibition: blocking phosphorylation without directly targeting ATP binding. <i>Drug Discovery Today</i> , <b>2007</b> , 12, 622-33	8.8	143
181	Intravenous immunoglobulin (IVIg) protects the brain against experimental stroke by preventing complement-mediated neuronal cell death. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 14104-9	11.5	165
180	Profiling the enzymatic properties and inhibition of human complement factor B. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 34809-16	5.4	19
179	The role of the N-terminal domain of the complement fragment receptor C5L2 in ligand binding. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 3664-71	5.4	40
178	Generation and characterization of proteolytically active and highly stable truncated and full-length recombinant West Nile virus NS3. <i>Protein Expression and Purification</i> , <b>2007</b> , 53, 87-96	2	21
177	Nonpeptidic ligands for peptide-activated G protein-coupled receptors. <i>Chemical Reviews</i> , <b>2007</b> , 107, 2960-3041	68.1	84
176	Substrate specificity of recombinant dengue 2 virus NS2B-NS3 protease: influence of natural and unnatural basic amino acids on hydrolysis of synthetic fluorescent substrates. <i>Archives of Biochemistry and Biophysics</i> , <b>2007</b> , 457, 187-96	4.1	33
175	Unexpected photolytic decomposition of alkyl azides under mild conditions. <i>Chemical Communications</i> , <b>2007</b> , 4501-3	5.8	14
174	Agonists and antagonists of protease activated receptors (PARs). <i>Current Medicinal Chemistry</i> , <b>2006</b> , 13, 243-65	4.3	64
173	Antifibrotic activity of an inhibitor of group IIA secretory phospholipase A2 in young spontaneously hypertensive rats. <i>Journal of Immunology</i> , <b>2006</b> , 176, 7000-7	5.3	25
172	Protease-activated receptor-2 peptides activate neurokinin-1 receptors in the mouse isolated trachea. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2006</b> , 317, 598-605	4.7	22
171	Insights to substrate binding and processing by West Nile Virus NS3 protease through combined modeling, protease mutagenesis, and kinetic studies. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 38448-58	5.4	75



170	Organic azide inhibitors of cysteine proteases. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 1239-1244	66.4	19
169	Potencies of human immunodeficiency virus protease inhibitors in vitro against <i>Plasmodium falciparum</i> and in vivo against murine malaria. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2006</b> , 50, 639-48	5.9	114
168	New insights into growth hormone action. <i>Journal of Molecular Endocrinology</i> , <b>2006</b> , 36, 1-7	4.5	156
167	Modular alpha-helical mimetics with antiviral activity against respiratory syncytial virus. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 13284-9	16.4	64
166	Self-condensation of a thiazole-peptide bearing a 21-membered loop into a library of giant macrocycles with multiple orthogonal loops. <i>Organic Letters</i> , <b>2006</b> , 8, 1053-6	6.2	2
165	Design, synthesis, potency, and cytoselectivity of anticancer agents derived by parallel synthesis from alpha-aminosuberic acid. <i>Journal of Medicinal Chemistry</i> , <b>2006</b> , 49, 7611-22	8.3	58
164	Inhibitors of cyclo-oxygenase-2 and secretory phospholipase A2 preserve bone architecture following ovariectomy in adult rats. <i>Bone</i> , <b>2006</b> , 39, 134-42	4.7	32
163	New cysteine derivatives with antiproliferative activity on melanoma cells. <i>Medicinal Chemistry</i> , <b>2006</b> , 2, 123-32	1.8	1
162	Proteases universally recognize beta strands in their active sites. <i>Chemical Reviews</i> , <b>2005</b> , 105, 973-99	68.1	336
161	Structural mimicry of two cytochrome b(562) interhelical loops using macrocycles constrained by oxazoles and thiazoles. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 6563-72	16.4	35
160	A potent and selective inhibitor of group IIa secretory phospholipase A2 protects rats from TNBS-induced colitis. <i>International Immunopharmacology</i> , <b>2005</b> , 5, 883-92	5.8	27
159	Over one hundred peptide-activated G protein-coupled receptors recognize ligands with turn structure. <i>Chemical Reviews</i> , <b>2005</b> , 105, 793-826	68.1	201
158	Proteases Universally Recognize $\beta$ Strands in Their Active Sites. <i>ChemInform</i> , <b>2005</b> , 36, no		1
157	Protease inhibitors in the clinic. <i>Medicinal Chemistry</i> , <b>2005</b> , 1, 71-104	1.8	220
156	Editorial [Hot Topic: Latest Developments in the Treatment of Inflammatory Disease (Guest Editor: David Fairlie)]. <i>Current Medicinal Chemistry</i> , <b>2005</b> , 12, 2923-2924	4.3	
155	Nonpeptide ligands that target peptide-activated GPCRs in inflammation. <i>Current Medicinal Chemistry</i> , <b>2005</b> , 12, 3027-42	4.3	15
154	Therapeutic targets in inflammatory disease. <i>Current Medicinal Chemistry</i> , <b>2005</b> , 12, 2925-9	4.3	23
153	Site-directed mutagenesis and kinetic studies of the West Nile Virus NS3 protease identify key enzyme-substrate interactions. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 2896-903	5.4	50

152	Comparative agonist/antagonist responses in mutant human C5a receptors define the ligand binding site. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 17831-40	5.4	37
151	Single turn peptide alpha helices with exceptional stability in water. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 2974-83	16.4	241
150	Discovery of Potent Cyclic Antagonists of Human C5a Receptors <b>2005</b> , 341-362		5
149	Potent cyclic antagonists of the complement C5a receptor on human polymorphonuclear leukocytes. Relationships between structures and activity. <i>Molecular Pharmacology</i> , <b>2004</b> , 65, 868-79	4.3	85
148	Enzymatic characterization and homology model of a catalytically active recombinant West Nile virus NS3 protease. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 48535-42	5.4	98
147	Small Molecules that Mimic Components of Bioactive Protein Surfaces. <i>Australian Journal of Chemistry</i> , <b>2004</b> , 57, 855	1.2	6
146	Comparative anti-inflammatory activities of antagonists to C3a and C5a receptors in a rat model of intestinal ischaemia/reperfusion injury. <i>British Journal of Pharmacology</i> , <b>2004</b> , 142, 756-64	8.6	67
145	Consecutive cyclic pentapeptide modules form short alpha-helices that are very stable to water and denaturants. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 2687-90	16.4	53
144	Consecutive Cyclic Pentapeptide Modules Form Short $\alpha$ -Helices that are Very Stable to Water and Denaturants. <i>Angewandte Chemie</i> , <b>2004</b> , 116, 2741-2744	3.6	19
143	Formation of mononuclear and chloro-bridged binuclear copper(II) complexes of patellamide D, a naturally occurring cyclic peptide: influence of anion and solvent. <i>Journal of Inorganic Biochemistry</i> , <b>2004</b> , 98, 1857-66	4.2	26
142	Metal clips induce folding of a short unstructured peptide into an alpha-helix via turn conformations in water. Kinetic versus thermodynamic products. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 15096-105	16.4	30
141	Countering cooperative effects in protease inhibitors using constrained beta-strand-mimicking templates in focused combinatorial libraries. <i>Journal of Medicinal Chemistry</i> , <b>2004</b> , 47, 1641-51	8.3	46
140	Antiproliferative and phenotype-transforming antitumor agents derived from cysteine. <i>Journal of Medicinal Chemistry</i> , <b>2004</b> , 47, 2984-94	8.3	34
139	Alpha-turn mimetics: short peptide alpha-helices composed of cyclic metallo-pentapeptide modules. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 4828-42	16.4	77
138	Beta-strand mimetics. <i>Chemical Reviews</i> , <b>2004</b> , 104, 6085-117	68.1	207
137	Protective effects of a potent C5a receptor antagonist on experimental acute limb ischemia-reperfusion in rats. <i>Journal of Surgical Research</i> , <b>2004</b> , 116, 81-90	2.5	66
136	Protective effect of a human C5a receptor antagonist against hepatic ischaemia-reperfusion injury in rats. <i>Journal of Hepatology</i> , <b>2004</b> , 40, 934-41	13.4	65
135	Tumor cell-selective cytotoxicity by targeting cell cycle checkpoints. <i>FASEB Journal</i> , <b>2003</b> , 17, 1550-2	0.9	121

134	D-Tyrosine as a chiral precursor to potent inhibitors of human nonpancreatic secretory phospholipase A2 (IIa) with antiinflammatory activity. <i>ChemBioChem</i> , <b>2003</b> , 4, 181-5	3.8	61
133	A Cyclic Metallopeptide Induces $\alpha$ -Helicity in Short Peptide Fragments of Thermolysin. <i>Angewandte Chemie</i> , <b>2003</b> , 115, 437-440	3.6	16
132	Cycloadditions of isobenzofuran to a constrained template bearing neighboring dienophiles. <i>Chemistry - A European Journal</i> , <b>2003</b> , 9, 2068-71	4.8	8
131	A cyclic metallopeptide induces alpha helicity in short peptide fragments of thermolysin. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 421-4	16.4	35
130	Studies of the interaction of potassium(I), calcium(II), magnesium(II), and copper(II) with cyclosporin A. <i>Journal of Inorganic Biochemistry</i> , <b>2003</b> , 97, 191-8	4.2	14
129	Designing supramolecular structures from models of cyclic peptide scaffolds with heterocyclic constraints. <i>Journal of Molecular Graphics and Modelling</i> , <b>2003</b> , 21, 341-55	2.8	25
128	A small molecule C5a receptor antagonist protects kidneys from ischemia/reperfusion injury in rats. <i>Kidney International</i> , <b>2003</b> , 63, 134-42	9.9	162
127	Comparative protection against rat intestinal reperfusion injury by a new inhibitor of sPLA2, COX-1 and COX-2 selective inhibitors, and an LTC4 receptor antagonist. <i>British Journal of Pharmacology</i> , <b>2003</b> , 140, 71-80	8.6	38
126	Conformationally homogeneous cyclic tetrapeptides: useful new three-dimensional scaffolds. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 640-1	16.4	63
125	A convergent solution-phase synthesis of the macrocycle Ac-Phe-[Orn-Pro-D-Cha-Trp-Arg], a potent new antiinflammatory drug. <i>Journal of Organic Chemistry</i> , <b>2003</b> , 68, 4464-71	4.2	41
124	A potent human C5a receptor antagonist protects against disease pathology in a rat model of inflammatory bowel disease. <i>Journal of Immunology</i> , <b>2003</b> , 171, 5514-20	5.3	94
123	Hookworm aspartic protease, Na-APR-2, cleaves human hemoglobin and serum proteins in a host-specific fashion. <i>Journal of Infectious Diseases</i> , <b>2003</b> , 187, 484-94	7	72
122	Synthesis and structural properties of patellamide A derivatives and their copper(II) compounds. <i>Chemistry - A European Journal</i> , <b>2002</b> , 8, 1527-36	4.8	44
121	Antiarthritic activity of an orally active C5a receptor antagonist against antigen-induced monarticular arthritis in the rat. <i>Arthritis and Rheumatism</i> , <b>2002</b> , 46, 2476-85		97
120	Mimetics of the peptide beta-strand. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2002</b> , 2, 433-45	3.2	34
119	Cleavage of hemoglobin by hookworm cathepsin D aspartic proteases and its potential contribution to host specificity. <i>FASEB Journal</i> , <b>2002</b> , 16, 1458-60	0.9	103
118	Protective effect of a new C5a receptor antagonist against ischemia-reperfusion injury in the rat small intestine. <i>Journal of Surgical Research</i> , <b>2002</b> , 103, 260-7	2.5	83
117	Beta-strand mimicking macrocyclic amino acids: templates for protease inhibitors with antiviral activity. <i>Journal of Medicinal Chemistry</i> , <b>2002</b> , 45, 371-81	8.3	66

116	Conformationally constrained macrocycles that mimic tripeptide beta-strands in water and aprotic solvents. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 5673-83	16.4	54
115	Cyclic octapeptides containing thiazole. Effect of stereochemistry and degree of flexibility on calcium binding properties. <i>Perkin Transactions II RSC</i> , <b>2002</b> , 556-563		26
114	Catalytically active Dengue virus NS3 protease forms aggregates that are separable by size exclusion chromatography. <i>Protein Expression and Purification</i> , <b>2002</b> , 25, 241-7	2	18
113	Regioselective synthesis of antiparallel loops on a macrocyclic scaffold constrained by oxazoles and thiazoles. <i>Organic Letters</i> , <b>2002</b> , 4, 3367-70	6.2	25
112	Current approaches to peptidomimetics <b>2002</b> , 579-598		1
111	Deactivation of the Chlorosulfonate Ion Coordinated to Pentaamminecobalt(III). <i>Inorganic Reaction Mechanisms</i> , <b>2002</b> , 4, 197-208		
110	Species dependence for binding of small molecule agonist and antagonists to the C5a receptor on polymorphonuclear leukocytes. <i>Inflammation</i> , <b>2001</b> , 25, 171-7	5.1	45
109	Inhibition of immune-complex mediated dermal inflammation in rats following either oral or topical administration of a small molecule C5a receptor antagonist. <i>British Journal of Pharmacology</i> , <b>2001</b> , 134, 1778-86	8.6	45
108	Proteolysis of human hemoglobin by schistosome cathepsin D. <i>Molecular and Biochemical Parasitology</i> , <b>2001</b> , 112, 103-12	1.9	103
107	Modulation of ligand selectivity by mutation of the first extracellular loop of the human C5a receptor. <i>Biochemical Pharmacology</i> , <b>2001</b> , 61, 1571-9	6	13
106	Novel cylindrical, conical, and macrocyclic peptides from the cyclooligomerization of functionalized thiazole amino acids. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 333-4	16.4	56
105	Activity of recombinant dengue 2 virus NS3 protease in the presence of a truncated NS2B co-factor, small peptide substrates, and inhibitors. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 45762-71	5.4	234
104	Macrocycles mimic the extended peptide conformation recognized by aspartic, serine, cysteine and metallo proteases. <i>Current Medicinal Chemistry</i> , <b>2001</b> , 8, 893-907	4.3	85
103	Characterization of copper interactions with alzheimer amyloid beta peptides: identification of an attomolar-affinity copper binding site on amyloid beta1-42. <i>Journal of Neurochemistry</i> , <b>2000</b> , 75, 1219-33 <sup>6</sup>		479
102	Anti-malarial effect of histone deacetylation inhibitors and mammalian tumour cytodifferentiating agents. <i>International Journal for Parasitology</i> , <b>2000</b> , 30, 761-8	4.3	102
101	Inhibition of C5a-induced neutrophil chemotaxis and macrophage cytokine production in vitro by a new C5a receptor antagonist. <i>Biochemical Pharmacology</i> , <b>2000</b> , 60, 729-33	6	54
100	An efficient Fmoc strategy for the rapid synthesis of peptide para-nitroanilides. <i>International Journal of Peptide Research and Therapeutics</i> , <b>2000</b> , 7, 347-351		7
99	Synthesis, stability, antiviral activity, and protease-bound structures of substrate-mimicking constrained macrocyclic inhibitors of HIV-1 protease. <i>Journal of Medicinal Chemistry</i> , <b>2000</b> , 43, 3495-504 <sup>8.3</sup>		65

98	A new small molecule C5a receptor antagonist inhibits the reverse-passive Arthus reaction and endotoxic shock in rats. <i>Journal of Immunology</i> , <b>2000</b> , 164, 6560-5	5.3	94
97	Regulators of the anaphylatoxin C5a. <i>Expert Opinion on Therapeutic Patents</i> , <b>2000</b> , 10, 449-458	6.8	13
96	Histone deacetylase inhibitors trigger a G2 checkpoint in normal cells that is defective in tumor cells. <i>Molecular Biology of the Cell</i> , <b>2000</b> , 11, 2069-83	3.5	228
95	Inhibitors of beta-amyloid formation based on the beta-secretase cleavage site. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 268, 133-5	3.4	38
94	Small peptides Do not inhibit human non-pancreatic secretory phospholipase-A(2) (Type IIA). <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 274, 831-4	3.4	2
93	Solution structures in aqueous SDS micelles of two amyloid beta peptides of A beta(1-28) mutated at the alpha-secretase cleavage site (K16E, K16F). <i>Journal of Structural Biology</i> , <b>2000</b> , 130, 142-52	3.4	31
92	Cell phenotype as a target of drug therapy in chronic inflammatory diseases. <i>Medical Hypotheses</i> , <b>2000</b> , 54, 193-7	3.8	7
91	Protease inhibitors: current status and future prospects. <i>Journal of Medicinal Chemistry</i> , <b>2000</b> , 43, 305-418	8.3	784
90	Conformational selection of inhibitors and substrates by proteolytic enzymes: implications for drug design and polypeptide processing. <i>Journal of Medicinal Chemistry</i> , <b>2000</b> , 43, 1271-81	8.3	140
89	Conformations of cyclic octapeptides and the influence of heterocyclic ring constraints upon calcium binding. <i>Perkin Transactions II RSC</i> , <b>2000</b> , 323-331		32
88	The First Solution Structure of a Single $\alpha$ -Helical Turn. A Pentapeptide $\alpha$ -Helix Stabilized by a Metal Clip. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 10488-10489	16.4	66
87	Is Oxidative Damage by $\beta$ -Amyloid and Prion Peptides Mediated by Hydrogen Atom Transfer from Glycine $\epsilon$ -Carbon to Methionine Sulfur within $\beta$ -Sheets?. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 9761-9767	16.4	82
86	Homology model of the dengue 2 virus NS3 protease: putative interactions with both substrate and NS2B cofactor. <i>Journal of General Virology</i> , <b>1999</b> , 80 ( Pt 5), 1167-1177	4.9	73
85	Anti-tumour activity in vitro and in vivo of selective differentiating agents containing hydroxamate. <i>British Journal of Cancer</i> , <b>1999</b> , 80, 1252-8	8.7	103
84	Effects of a new C5a receptor antagonist on C5a- and endotoxin-induced neutropenia in the rat. <i>British Journal of Pharmacology</i> , <b>1999</b> , 126, 551-4	8.6	54
83	Pharmacological characterization of antagonists of the C5a receptor. <i>British Journal of Pharmacology</i> , <b>1999</b> , 128, 1461-6	8.6	73
82	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. <i>Inorganica Chimica Acta</i> , <b>1999</b> , 290, 133-138	2.7	7
81	X-ray absorption spectroscopy of cadmium phytochelatin and model systems. <i>BBA - Proteins and Proteomics</i> , <b>1999</b> , 1429, 351-64		73

80	Conformational homogeneity in molecular recognition by proteolytic enzymes. <i>Journal of Molecular Recognition</i> , <b>1999</b> , 12, 363-70	2.6	59
79	Aqueous dissolution of Alzheimer $\beta$ disease Abeta amyloid deposits by biometal depletion. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 23223-8	5.4	372
78	The possible origin of free radicals from amyloid beta peptides in Alzheimer $\beta$ disease. <i>Neurobiology of Aging</i> , <b>1999</b> , 20, 335-7; discussion 339-42	5.6	33
77	Cyclooligomerization of Thiazole-Containing Tetrapeptides. Symmetrical Macrocycles with up to 76 Amino Acids. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 2603-2604	16.4	40
76	Cu(II) potentiation of alzheimer abeta neurotoxicity. Correlation with cell-free hydrogen peroxide production and metal reduction. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 37111-6	5.4	602
75	Low-molecular-weight peptidic and cyclic antagonists of the receptor for the complement factor C5a. <i>Journal of Medicinal Chemistry</i> , <b>1999</b> , 42, 1965-74	8.3	217
74	Molecular recognition of macrocyclic peptidomimetic inhibitors by HIV-1 protease. <i>Biochemistry</i> , <b>1999</b> , 38, 7978-88	3.2	55
73	Interaction of zinc(II) with the cyclic octapeptides, cyclo[Ile(Oxn)-D-Val(Thz)] <sub>2</sub> and ascidiacyclamide, a cyclic peptide from <i>Lissoclinum patella</i> . <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1999</b> , 1227-1234 <sup>27</sup>		
72	Development of C5a receptor antagonists. <i>IDrugs: the Investigational Drugs Journal</i> , <b>1999</b> , 2, 686-93		3
71	Small molecular probes for G-protein-coupled C5a receptors: conformationally constrained antagonists derived from the C terminus of the human plasma protein C5a. <i>Journal of Medicinal Chemistry</i> , <b>1998</b> , 41, 3417-25	8.3	83
70	Solution structure of methionine-oxidized amyloid beta-peptide (1-40). Does oxidation affect conformational switching?. <i>Biochemistry</i> , <b>1998</b> , 37, 12700-6	3.2	140
69	The Solution Structure of a Copper(II) Compound of a New Cyclic Octapeptide by EPR Spectroscopy and Force Field Calculations. <i>Inorganic Chemistry</i> , <b>1998</b> , 37, 6721-6727	5.1	40
68	Template Assembled Synthetic Proteins (TASPs). Are Template Size, Shape, and Directionality Important in Formation of Four-Helix Bundles?. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 3836-3841 <sup>37</sup>	16.4	
67	Solution structure of amyloid beta-peptide(1-40) in a water-micelle environment. Is the membrane-spanning domain where we think it is?. <i>Biochemistry</i> , <b>1998</b> , 37, 11064-77	3.2	460
66	Towards protein surface mimetics. <i>Current Medicinal Chemistry</i> , <b>1998</b> , 5, 29-62	4.3	15
65	Towards Protein Surface Mimetics. <i>Current Medicinal Chemistry</i> , <b>1998</b> , 5, 29-62	4.3	99
64	Organization of Amino Acids Using a Metallotriazacyclononane Template. <i>Inorganic Chemistry</i> , <b>1997</b> , 36, 752-753	5.1	17
63	Oxygen versus Nitrogen Bonding of Carboxamides to Pentaammineruthenium(II/III). <i>Inorganic Chemistry</i> , <b>1997</b> , 36, 1029-1037	5.1	23

62	Tumor selectivity and transcriptional activation by azelaic bishydroxamic acid in human melanocytic cells. <i>Biochemical Pharmacology</i> , <b>1997</b> , 53, 1719-24	6	39
61	Activation of Thiourea Bound through Sulfur to Pentaammineruthenium(III): Structure and Reactivity. <i>Inorganic Chemistry</i> , <b>1997</b> , 36, 2242-2243	5.1	14
60	Models for Arginine-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). <i>Inorganic Chemistry</i> , <b>1997</b> , 36, 1020-1028	5.1	58
59	Biphasic response of the metallothionein promoter to ultraviolet radiation in human melanoma cells. <i>Photochemistry and Photobiology</i> , <b>1997</b> , 65, 550-5	3.6	30
58	Simple cis-epoxide-based inhibitors of HIV-1 protease. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1997</b> , 7, 2853-2856	2.9	5
57	Mimicking extended conformations of protease substrates. <i>Advances in Amino Acid Mimetics and Peptidomimetics</i> , <b>1997</b> , 77-107		10
56	Substrate-Based Cyclic Peptidomimetics of Phe-Ile-Val That Inhibit HIV-1 Protease Using a Novel Enzyme-Binding Mode. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 3375-3379	16.4	72
55	A Novel Potassium-Binding Hydrolysis Product of Ascidiacyclamide: A Cyclic Octapeptide Isolated from the Ascidian <i>Lissoclinium patella</i> . <i>Inorganic Chemistry</i> , <b>1996</b> , 35, 1095-1100	5.1	33
54	A Novel Bicyclic Enzyme Inhibitor as a Consensus Peptidomimetic for the Receptor-Bound Conformations of 12 Peptidic Inhibitors of HIV-1 Protease. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 8511-8517	16.4	37
53	Conformational Control by Thiazole and Oxazoline Rings in Cyclic Octapeptides of Marine Origin. Novel Macrocyclic Chair and Boat Conformations. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 10384-10388	16.4	54
52	Structure of a novel protonated oxadiazine: an unusual heterocycle from the cycloaddition of a ketone with nitriles. <i>Chemical Communications</i> , <b>1996</b> , 1731	5.8	4
51	Structure-activity relationships for macrocyclic peptidomimetic inhibitors of HIV-1 protease. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1996</b> , 6, 2531-2536	2.9	15
50	Non-peptide inhibitors of HIV-1 protease. Synthesis and structural evaluation of symmetric and non-symmetric naphthalenesulfonic acid analogues. <i>European Journal of Medicinal Chemistry</i> , <b>1996</b> , 31, 249-255	6.8	2
49	Hydroxyquinones are competitive non-peptide inhibitors of HIV-1 proteinase. <i>BBA - Proteins and Proteomics</i> , <b>1995</b> , 1253, 5-8		27
48	A Selective and Versatile Synthesis of Substituted Chromones via Addition of Phenols to Dimethyl Acetylenedicarboxylate. <i>Australian Journal of Chemistry</i> , <b>1995</b> , 48, 677	1.2	9
47	Regioselective structural and functional mimicry of peptides. Design of hydrolytically-stable cyclic peptidomimetic inhibitors of HIV-1 protease.. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 10220-10226	16.4	53
46	NMR solution structure of the RNA-binding peptide from human immunodeficiency virus (type 1) Rev. <i>Biochemistry</i> , <b>1995</b> , 34, 8242-9	3.2	25
45	Ammonia and Carbon Dioxide from Urea. Multinuclear NMR Study of the Activation of Urea by Platinum(II). <i>Inorganic Chemistry</i> , <b>1995</b> , 34, 3087-3092	5.1	17

44	Targeting HIV-1 protease: a test of drug-design methodologies. <i>Trends in Pharmacological Sciences</i> , <b>1995</b> , 16, 67-75	13.2	139
43	Macrocyclic Peptidomimetics Forcing Peptides into Bioactive Conformations. <i>Current Medicinal Chemistry</i> , <b>1995</b> , 2, 654-686	4.3	147
42	Anti-inflammatory activity of the isoquinoline alkaloid, tetrandrine, against established adjuvant arthritis in rats. <i>Agents and Actions</i> , <b>1994</b> , 42, 123-7		29
41	Anti-inflammatory activity of a holothurian (sea cucumber) food supplement in rats. <i>Inflammopharmacology</i> , <b>1994</b> , 2, 411-417	5.1	9
40	Amide-Iminol Tautomerism: Effect of Metalation. <i>Inorganic Chemistry</i> , <b>1994</b> , 33, 6425-6428	5.1	61
39	Binding of Copper(II) to the Cyclic Octapeptide Patellamide D. <i>Inorganic Chemistry</i> , <b>1994</b> , 33, 2280-2289	5.1	53
38	Crystal Structure and Electrospray Ionization Mass Spectrometry, Electron Paramagnetic Resonance, and Magnetic Susceptibility Study of [Cu <sub>2</sub> (ascidH <sub>2</sub> )(1,2- $\mu$ -CO <sub>3</sub> )(H <sub>2</sub> O) <sub>2</sub> ].n.2H <sub>2</sub> O, the Bis(copper(II)) Complex of Ascidiacyclamide (ascidH <sub>4</sub> ), a Cyclic Peptide Isolated from the Ascidian <i>Lissoclinum patella</i> . <i>Inorganic Chemistry</i> , <b>1994</b> , 33, 3549-3557	5.1	98
37	Synthesis, solution structure, and reactivity of oxygen-bound amides on cobalt(III). <i>Inorganic Chemistry</i> , <b>1993</b> , 32, 450-459	5.1	32
36	Oxygen versus nitrogen coordination of a urea to (diethylenetriamine)platinum(II). <i>Inorganic Chemistry</i> , <b>1993</b> , 32, 2190-2194	5.1	28
35	Inhibitory effects of bisbenzylisoquinolines on synthesis of the inflammatory cytokines interleukin-1 and tumour necrosis factor-alpha. <i>Mediators of Inflammation</i> , <b>1993</b> , 2, 199-203	4.3	7
34	A new dinuclear amine-cobalt(III) complex containing two bridging amide ions. <i>Inorganica Chimica Acta</i> , <b>1993</b> , 209, 123-127	2.7	7
33	Characterisation of TNF-alpha-related peptides by high-performance liquid chromatography-mass spectrometry and high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>1993</b> , 646, 185-91	4.5	4
32	Amide complexes of (diethylenetriamine)platinum(II). <i>Inorganic Chemistry</i> , <b>1992</b> , 31, 4069-4074	5.1	41
31	Non-peptidic anti-AIDS agents: inhibition of HIV-1 proteinase by disulfonates. <i>Biochemical and Biophysical Research Communications</i> , <b>1992</b> , 188, 624-30	3.4	23
30	Flavones are inhibitors of HIV-1 proteinase. <i>Biochemical and Biophysical Research Communications</i> , <b>1992</b> , 188, 631-7	3.4	94
29	Zinc monoglycerolate--a slow-release source of therapeutic zinc: solubilization by endogenous ligands. <i>Agents and Actions</i> , <b>1992</b> , 36, 152-8		23
28	Inhibition of HIV-1 proteinase by metal ions. <i>International Journal of Biochemistry &amp; Cell Biology</i> , <b>1992</b> , 24, 911-4		13
27	Inhibition of HIV-1 proteinase by non-peptide carboxylates. <i>Biochemical and Biophysical Research Communications</i> , <b>1991</b> , 176, 241-6	3.4	19



26	Factors influencing the nitrogen vs oxygen bonding mode of amides bound to pentaamminecobalt(III) and the kinetics and mechanism of rearrangement. <i>Inorganic Chemistry</i> , <b>1991</b> , 30, 1564-1569	5.1	30
25	A general synthetic route to pentaamminecobalt(III) complexes of N-bonded amides, ureas, carbamates, sulfinamides, sulfonamides and sulfamate. <i>Inorganica Chimica Acta</i> , <b>1990</b> , 175, 203-207	2.7	9
24	Nitrogen- and oxygen-bonded urethane: hydrolysis and linkage isomerization of $[(\text{NH}_3)_5\text{Co}(\text{NH}_2\text{CO}_2\text{C}_2\text{H}_5)]^{3+}$ and $[(\text{NH}_3)_5\text{CoOC}(\text{NH}_2)\text{OCH}_2\text{CH}_3]^{3+}$ . <i>Inorganic Chemistry</i> , <b>1990</b> , 29, 3139-3145	5.1	6
23	Homogeneous catalysis: catalytic intramolecular conversion of 1,4-dialdehydes to $\gamma$ -lactones. <i>Organometallics</i> , <b>1990</b> , 9, 566-571	3.8	78
22	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]. <i>Inorganic Chemistry</i> , <b>1990</b> , 29, 3630-3630	5.1	2
21	Linkage isomerization of (formamide-N)- and (acetamide-N)pentaamminecobalt(III) ions in water, dimethyl sulfoxide, and sulfolane. <i>Inorganic Chemistry</i> , <b>1990</b> , 29, 20-28	5.1	19
20	Linkage isomeric pentaamminecobalt(III) complexes of methanesulfinamide. <i>Inorganic Chemistry</i> , <b>1990</b> , 29, 3145-3150	5.1	6
19	Amination of coordinated nitriles: synthesis of metal complexes of amidines and guanidines. <i>Inorganic Chemistry</i> , <b>1990</b> , 29, 140-143	5.1	25
18	Cobalt-induced facile degradation of phenylurea to ammonia, carbon dioxide, and anilinium ion and other reactions of linkage isomeric cobalt(III) complexes of phenylurea. <i>Inorganic Chemistry</i> , <b>1989</b> , 28, 1983-1989	5.1	17
17	Reversible linkage isomerization of pentaamminecobalt(III) complexes of urea and its N-methyl derivatives. <i>Inorganica Chimica Acta</i> , <b>1988</b> , 150, 81-100	2.7	15
16	Homogeneous catalysis. Mechanism of catalytic hydroacylation: the conversion of 4-pentenals to cyclopentanones. <i>Organometallics</i> , <b>1988</b> , 7, 946-954	3.8	110
15	Homogeneous catalysis. Conversion of 4-pentenals to cyclopentanones by efficient rhodium-catalyzed hydroacylation. <i>Organometallics</i> , <b>1988</b> , 7, 936-945	3.8	159
14	Irritancy and anti-inflammatory activity of bis( $\eta$ -5-cyclopentadienyl)titanium(IV) complexes in rats. <i>Chemico-Biological Interactions</i> , <b>1987</b> , 61, 277-91	5	20
13	Synthesis, characterization, and reactivity of the ( $\eta$ -2-acetone)pentaammineosmium(II) complex. <i>Journal of the American Chemical Society</i> , <b>1986</b> , 108, 8223-8227	16.4	50
12	Linkage isomerization of (urea)pentaammineruthenium(III) and inter- vs. intramolecular substitution on ruthenium(III). <i>Inorganic Chemistry</i> , <b>1985</b> , 24, 3199-3206	5.1	19
11	Base-catalyzed hydration of cobalt(III)-coordinated dimethylcyanamide and linkage isomerization of the derived N-bound dimethylurea complex. <i>Inorganic Chemistry</i> , <b>1983</b> , 22, 4038-4046	5.1	33
10	Oxygen- and sulfur-bonded thiosulfatopentaamminecobalt(III). <i>Inorganica Chimica Acta</i> , <b>1983</b> , 70, 197-205	2.7	8
9	Lymphoid suppression by cis-platinum(II) amines. What are the active agents?. <i>Biochemical Pharmacology</i> , <b>1982</b> , 31, 933-9	6	8

8	A 195Pt and 15N N.M.R. study of the anticancer drug, cis-diammine-dichloroplatinum(II), and its hydrolysis and oligomerization products. <i>Australian Journal of Chemistry</i> , <b>1981</b> , 34, 659	1.2	97
7	A peculiar toxicity manifested by platinum(II)amines in rats: gastric distension after intraperitoneal administration. <i>Chemico-Biological Interactions</i> , <b>1981</b> , 35, 111-7	5	21
6	Platinum drugs: combined anti-lymphoproliferative and nephrotoxicity assay in rats. <i>Cancer Chemotherapy and Pharmacology</i> , <b>1980</b> , 4, 249-58	3.5	31
5	cis-Platinum(II) amine complexes: some structure-activity relationships for immunosuppressive, nephrotoxic and gastrointestinal (side) effects in rats. <i>Chemico-Biological Interactions</i> , <b>1980</b> , 31, 113-32	5	48
4	Tumor-Associated Antigenic Peptides as Vaccine Candidates 303-316		
3	Legionella protection and vaccination mediated by Mucosal Associated Invariant T (MAIT) cells		1
2	Human MAIT cell cytolytic effector proteins synergize to overcome carbapenem resistance in <i>Escherichia coli</i>		1
1	Identification of brain metastasis genes and therapeutic evaluation of histone deacetylase inhibitors in a clinically relevant model of breast cancer brain metastasis		2