Philip E Thompson

List of Publications by Citations

144 papers	4,245 citations	32 h-index	61 g-index
149 ext. papers	4,902 ext. citations	5.4 avg, IF	5.18 L-index

#	Paper	IF	Citations
144	PI 3-kinase p110beta: a new target for antithrombotic therapy. *Nature Medicine*, **2005**, 11, 507-14	50.5	496
143	Structure--activity relationships of polymyxin antibiotics. *Journal of Medicinal Chemistry*, **2010**, 53, 1898-916	5.6	450
142	Pharmacology of polymyxins: new insights into an 'old' class of antibiotics. *Future Microbiology*, **2013**, 8, 711-24	2.9	275
141	The major human and mouse granzymes are structurally and functionally divergent. *Journal of Cell Biology*, **2006**, 175, 619-30	7.3	166
140	Cleavage and activation of proteinase-activated receptor-2 on human neutrophils by gingipain-R from Porphyromonas gingivalis. *FEBS Letters*, **1998**, 435, 45-8	3.8	129
139	A secondary mode of action of polymyxins against Gram-negative bacteria involves the inhibition of NADH-quinone oxidoreductase activity. *Journal of Antibiotics*, **2014**, 67, 147-51	3.7	118
138	Teaching 'old' polymyxins new tricks: new-generation lipopeptides targeting gram-negative 'superbugs'. *ACS Chemical Biology*, **2014**, 9, 1172-7	4.9	114
137	The next generation of phosphodiesterase inhibitors: structural clues to ligand and substrate selectivity of phosphodiesterases. *Journal of Medicinal Chemistry*, **2005**, 48, 3449-62	8.3	107
136	The Extracellular Surface of the GLP-1 Receptor Is a Molecular Trigger for Biased Agonism. *Cell*, **2016**, 165, 1632-1643	56.2	102
135	Antimicrobial Activity and Toxicity of the Major Lipopeptide Components of Polymyxin B and Colistin: Last-line Antibiotics against Multidrug-Resistant Gram-negative Bacteria. *ACS Infectious Diseases*, **2015**, 1, 568-575	5.5	94
134	The phytosulfokine (PSK) receptor is capable of guanylate cyclase activity and enabling cyclic GMP-dependent signaling in plants. *Journal of Biological Chemistry*, **2011**, 286, 22580-8	5.4	90
133	Re-discovering PDE3 inhibitors--new opportunities for a long neglected target. *Current Topics in Medicinal Chemistry*, **2007**, 7, 421-36	3	69
132	Polymyxins: a new hope in combating Gram-negative superbugs?. *Future Medicinal Chemistry*, **2016**, 8, 1017-25	4.1	62
131	Importance of the P4' residue in human granzyme B inhibitors and substrates revealed by scanning mutagenesis of the proteinase inhibitor 9 reactive center loop. *Journal of Biological Chemistry*, **2001**, 276, 15177-84	5.4	62
130	Identification and development of specific inhibitors for insulin-regulated aminopeptidase as a new class of cognitive enhancers. *British Journal of Pharmacology*, **2011**, 164, 37-47	8.6	59
129	Pharmacokinetics of four different brands of colistimethate and formed colistin in rats. *Journal of Antimicrobial Chemotherapy*, **2013**, 68, 2311-7	5.1	56
128	Identification of potent phosphodiesterase inhibitors that demonstrate cyclic nucleotide-dependent functions in apicomplexan parasites. *ACS Chemical Biology*, **2015**, 10, 1145-54	4.9	53

127	RhoA sustains integrin alpha IIbbeta 3 adhesion contacts under high shear. *Journal of Biological Chemistry*, **2002**, 277, 14738-46	5.4	53
126	The structure of the bacterial oxidoreductase enzyme DsbA in complex with a peptide reveals a basis for substrate specificity in the catalytic cycle of DsbA enzymes. *Journal of Biological Chemistry*, **2009**, 284, 17835-45	5.4	51
125	Development of cognitive enhancers based on inhibition of insulin-regulated aminopeptidase. *BMC Neuroscience*, **2008**, 9 Suppl 2, S14	3.2	46
124	Dissecting isoform selectivity of PI3K inhibitors: the role of non-conserved residues in the catalytic pocket. *Biochemical Journal*, **2008**, 414, 383-90	3.8	45
123	Structure, Function, and Biosynthetic Origin of Octapeptin Antibiotics Active against Extensively Drug-Resistant Gram-Negative Bacteria. *Cell Chemical Biology*, **2018**, 25, 380-391.e5	8.2	44
122	Design, synthesis, and evaluation of a new fluorescent probe for measuring polymyxin-lipopolysaccharide binding interactions. *Analytical Biochemistry*, **2011**, 409, 273-83	3.1	42
121	Significant accumulation of polymyxin in single renal tubular cells: a medicinal chemistry and triple correlative microscopy approach. *Analytical Chemistry*, **2015**, 87, 1590-5	7.8	41
120	Imaging the distribution of polymyxins in the kidney. *Journal of Antimicrobial Chemotherapy*, **2015**, 70, 827-9	5.1	40
119	Structural basis of nSH2 regulation and lipid binding in PI3K□*Oncotarget*, **2014**, 5, 5198-208	3.3	40
118	Synthesis, structure-activity relationships and brain uptake of a novel series of benzopyran inhibitors of insulin-regulated aminopeptidase. *Journal of Medicinal Chemistry*, **2014**, 57, 1368-77	8.3	39
117	Evidence for the activation of PAR-2 by the sperm protease, acrosin: expression of the receptor on oocytes. *FEBS Letters*, **2000**, 484, 285-90	3.8	38
116	Structural Determinants of Isoform Selectivity in PI3K Inhibitors. *Biomolecules*, **2019**, 9,	5.9	37
115	Isoform-selective inhibition of phosphoinositide 3-kinase: identification of a new region of nonconserved amino acids critical for p110□nhibition. *Molecular Pharmacology*, **2011**, 80, 657-64	4.3	34
114	Identification of a unique filamin A binding region within the cytoplasmic domain of glycoprotein Ibalpha. *Biochemical Journal*, **2005**, 387, 849-58	3.8	33
113	Structure-activity relationships for the binding of polymyxins with human □1-acid glycoprotein. *Biochemical Pharmacology*, **2012**, 84, 278-91	6	32
112	In silico analysis of antibody-carbohydrate interactions and its application to xenoreactive antibodies. *Molecular Immunology*, **2009**, 47, 233-46	4.3	28
111	Molecular basis for the increased polymyxin susceptibility of Klebsiella pneumoniae strains with under-acylated lipid A. *Innate Immunity*, **2013**, 19, 265-77	2.7	27
110	Polymyxins and analogues bind to ribosomal RNA and interfere with eukaryotic translation in vitro. *ChemBioChem*, **2013**, 14, 2083-6	3.8	26

109	Parallel and antiparallel cyclic d/l peptide nanotubes. *Chemical Communications*, **2017**, 53, 6613-6616	5.8	25
108	The drug vehicle and solvent N-methylpyrrolidone is an immunomodulator and antimyeloma compound. *Cell Reports*, **2014**, 7, 1009-19	10.6	24
107	Identification of preferred carbohydrate binding modes in xenoreactive antibodies by combining conformational filters and binding site maps. *Glycobiology*, **2010**, 20, 724-35	5.8	24
106	Structure of granzyme C reveals an unusual mechanism of protease autoinhibition. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 5587-92	11.5	24
105	Comparison of the binding of alpha-helical and beta-sheet peptides to a hydrophobic surface. *Chemical Biology and Drug Design*, **1998**, 51, 401-12		24
104	PDE2 inhibition by the PI3 kinase inhibitor LY294002 and analogues. *Bioorganic and Medicinal Chemistry Letters*, **2004**, 14, 2847-51	2.9	24
103	Monoclonal antibody screening of a phage-displayed random peptide library reveals mimotopes of chemokine receptor CCR5: implications for the tertiary structure of the receptor and for an N-terminal binding site for HIV-1 gp120. *European Journal of Immunology*, **2000**, 30, 1162-71	6.1	24
102	Synthesis, structure elucidation, DNA-PK and PI3K and anti-cancer activity of 8- and 6-aryl-substituted-1-3-benzoxazines. *European Journal of Medicinal Chemistry*, **2016**, 110, 326-39	6.8	23
101	L-Aminoacyl-triazine derivatives are isoform-selective PI3K□inhibitors that target non-conserved Asp862 of PI3K□*ACS Medicinal Chemistry Letters*, **2013**, 4, 206-210	4.3	23
100	Definition of the binding mode of a new class of phosphoinositide 3-kinase □selective inhibitors using in vitro mutagenesis of non-conserved amino acids and kinetic analysis. *Biochemical Journal*, **2012**, 444, 529-35	3.8	23
99	Pharmacokinetics of the Individual Major Components of Polymyxin B and Colistin in Rats. *Journal of Natural Products*, **2017**, 80, 225-229	4.9	22
98	Discovery and antiplatelet activity of a selective PI3K□inhibitor (MIPS-9922). *European Journal of Medicinal Chemistry*, **2016**, 122, 339-351	6.8	22
97	Class II Phosphoinositide 3-Kinases as Novel Drug Targets. *Journal of Medicinal Chemistry*, **2017**, 60, 47-65	5.3	22
96	Structural and biochemical characterization of the oxidoreductase NmDsbA3 from Neisseria meningitidis. *Journal of Biological Chemistry*, **2008**, 283, 32452-61	5.4	22
95	A potent cyclic peptide targeting SPSB2 protein as a potential anti-infective agent. *Journal of Medicinal Chemistry*, **2014**, 57, 7006-15	8.3	21
94	Cellular Uptake and Localization of Polymyxins in Renal Tubular Cells Using Rationally Designed Fluorescent Probes. *Antimicrobial Agents and Chemotherapy*, **2015**, 59, 7489-96	5.9	20
93	Investigating the Interaction of Octapeptin A3 with Model Bacterial Membranes. *ACS Infectious Diseases*, **2017**, 3, 606-619	5.5	20
92	Phenylalanine-544 plays a key role in substrate and inhibitor binding by providing a hydrophobic packing point at the active site of insulin-regulated aminopeptidase. *Molecular Pharmacology*, **2010**, 78, 600-7	4.3	20

91	An apically located hybrid guanylate cyclase-ATPase is critical for the initiation of Ca signaling and motility in. *Journal of Biological Chemistry*, **2019**, 294, 8959-8972	5.4	19
90	Carbohydrate-mimetic peptides: structural aspects of mimicry and therapeutic implications. *Expert Opinion on Biological Therapy*, **2011**, 11, 211-24	5.4	19
89	Thiophene inhibitors of PDE4: crystal structures show a second binding mode at the catalytic domain of PDE4D2. *Bioorganic and Medicinal Chemistry Letters*, **2011**, 21, 7089-93	2.9	17
88	Synthesis of peptide amides using Fmoc-based solid-phase procedures on 4-methylbenzhydrylamine resins. *International Journal of Peptide and Protein Research*, **1995**, 46, 174-80		17
87	Design, Synthesis, and Characterization of Cyclic Peptidomimetics of the Inducible Nitric Oxide Synthase Binding Epitope That Disrupt the Protein-Protein Interaction Involving SPRY Domain-Containing Suppressor of Cytokine Signaling Box Protein (SPSB) 2 and Inducible Nitric Oxide Synthase. *Journal of Medicinal Chemistry*, **2016**, 59, 5799-809	8.3	16
86	Mechanisms of PI3K□selective inhibition revealed by reciprocal mutagenesis. *ACS Chemical Biology* , **2013**, 8, 679-83	4.9	16
85	Redox-stable cyclic peptide inhibitors of the SPSB2-iNOS interaction. *FEBS Letters*, **2016**, 590, 696-704	3.8	16
84	Characterization of the Polymyxin D Synthetase Biosynthetic Cluster and Product Profile of Paenibacillus polymyxa ATCC 10401. *Journal of Natural Products*, **2017**, 80, 1264-1274	4.9	15
83	Methionine Ameliorates Polymyxin-Induced Nephrotoxicity by Attenuating Cellular Oxidative Stress. *Antimicrobial Agents and Chemotherapy*, **2018**, 62,	5.9	15
82	Thiazolidinedione-based PI3K□inhibitors: an analysis of biochemical and virtual screening methods. *ChemMedChem*, **2011**, 6, 514-22	3.7	14
81	Structure-Activity Studies of □Hairpin Peptide Inhibitors of the Plasmodium falciparum AMA1-RON2 Interaction. *Journal of Molecular Biology*, **2016**, 428, 3986-3998	6.5	13
80	Optically Pure, Structural, and Fluorescent Analogues of a Dimeric Y4 Receptor Agonist Derived by an Olefin Metathesis Approach. *Journal of Medicinal Chemistry*, **2016**, 59, 6059-69	8.3	12
79	History, Chemistry and Antibacterial Spectrum. *Advances in Experimental Medicine and Biology*, **2019** , 1145, 15-36	3.6	12
78	Conformational studies on (+)-anatoxin-a and derivatives. *Journal of Computer-Aided Molecular Design*, **1992**, 6, 287-98	4.2	12
77	A Novel Chemical Biology Approach for Mapping of Polymyxin Lipopeptide Antibody Binding Epitopes. *ACS Infectious Diseases*, **2016**, 2, 341-51	5.5	12
76	Quantitation of Polymyxin-Lipopolysaccharide Interactions Using an Image-Based Fluorescent Probe. *Journal of Pharmaceutical Sciences*, **2016**, 105, 1006-1010	3.9	11
75	Regioselective synthesis of 5- and 6-methoxybenzimidazole-1,3,5-triazines as inhibitors of phosphoinositide 3-kinase. *Bioorganic and Medicinal Chemistry Letters*, **2013**, 23, 802-5	2.9	11
74	Imidazolidin-4-ones: Their Syntheses and Applications. *Heterocycles*, **2011**, 83, 1953	0.8	11

73	A facile, click chemistry-based approach to assembling fluorescent chemosensors for protein tyrosine kinases. *Bioorganic and Medicinal Chemistry Letters*, **2011**, 21, 329-31	2.9	11
72	Solid phase synthesis of cyclic peptides: model studies involving i-(i+4) side chain-to-side chain cyclisation. *Journal of Peptide Science*, **1998**, 4, 335-43	2.1	11
71	Tropane-based amino acids for peptide structure-function studies: inhibitors of platelet aggregation. *Bioorganic and Medicinal Chemistry Letters*, **1998**, 8, 2699-704	2.9	11
70	Synthetic Studies of the Phosphatidylinositol 3-Kinase Inhibitor LY294002 and Related Analogues. *Australian Journal of Chemistry*, **2003**, 56, 1099	1.2	11
69	Structural modification of anatoxin-a. Synthesis of model affinity ligands for the nicotinic acetylcholine receptor. *Journal of the Chemical Society Chemical Communications*, **1991**, 243		11
68	A Cyclic Peptide Inhibitor of the iNOS-SPSB Protein-Protein Interaction as a Potential Anti-Infective Agent. *ACS Chemical Biology*, **2018**, 13, 2930-2938	4.9	11
67	A Novel Serpin Regulatory Mechanism: SerpinB9 IS REVERSIBLY INHIBITED BY VICINAL DISULFIDE BOND FORMATION IN THE REACTIVE CENTER LOOP. *Journal of Biological Chemistry*, **2016**, 291, 3626-38	5.4	10
66	Measuring polymyxin uptake by renal tubular cells: is BODIPY-polymyxin B an appropriate probe?. *Antimicrobial Agents and Chemotherapy*, **2014**, 58, 6337-8	5.9	10
65	Peptide inhibitors of xenoreactive antibodies mimic the interaction profile of the native carbohydrate antigens. *Biopolymers*, **2011**, 96, 193-206	2.2	10
64	Hypoglycaemic activity of an analogue of human growth hormone [6-13] incorporating a d-ala-pro dipeptide unit. *Bioorganic and Medicinal Chemistry Letters*, **1993**, 3, 1625-1628	2.9	10
63	Transcriptomic Analysis of the Activity of a Novel Polymyxin against Staphylococcus aureus. *MSphere*, **2016**, 1,	5	10
62	Propargyloxyproline Regio- and Stereoisomers for Click-Conjugation of Peptides: Synthesis and Application in Linear and Cyclic Peptides. *Australian Journal of Chemistry*, **2015**, 68, 1365	1.2	9
61	Synthesis of BVD15 Peptide Analogues as Models for Radioligands in Tumour Imaging. *International Journal of Peptide Research and Therapeutics*, **2013**, 19, 33-41	2.1	9
60	Synthesis and Pharmacological Evaluation of 4-Iminothiazolidinones for Inhibition of PI3 Kinase. *Australian Journal of Chemistry*, **2012**, 65, 1396-1404	1.2	9
59	Conformational stability of a type II' beta-turn motif in human growth hormone [6-13] peptide analogues at hydrophobic surfaces. *Chemical Biology and Drug Design*, **1997**, 49, 394-403		9
58	Improving Membrane Permeation in the Beyond Rule-of-Five Space by Using Prodrugs to Mask Hydrogen Bond Donors. *ACS Chemical Biology*, **2020**, 15, 2070-2078	4.9	8
57	Application of a Sulfoxonium Ylide Electrophile to Generate Cathepsin X-Selective Activity-Based Probes. *ACS Chemical Biology*, **2020**, 15, 718-727	4.9	8
56	Development of single and mixed isoform selectivity PI3K□nhibitors by targeting Asn836 of PI3K□ *Bioorganic and Medicinal Chemistry Letters*, **2016**, 26, 4790-4794	2.9	8

55	Structure-activity relationship exploration of Kv1.3 blockers based on diphenoxylate. *Bioorganic and Medicinal Chemistry Letters*, **2012**, 22, 7106-9	2.9	8
54	Analysis of anti-PDE3 activity of 2-morpholinochromone derivatives reveals multiple mechanisms of anti-platelet activity. *Bioorganic and Medicinal Chemistry Letters*, **2006**, 16, 969-73	2.9	8
53	Class II but Not Second Class-Prospects for the Development of Class II PI3K Inhibitors. *ACS Medicinal Chemistry Letters*, **2015**, 6, 3-6	4.3	7
52	Potent inhibitors of phosphatidylinositol 3 (PI3) kinase that have antiproliferative activity only when delivered as prodrug forms. *ChemMedChem*, **2013**, 8, 914-8	3.7	7
51	Conformational analysis of human growth hormone [6-13] peptide analogues. *International Journal of Peptide and Protein Research*, **1996**, 48, 1-11		7
50	A simple and inexpensive sample-handling method for the semi-preparative RP-HPLC of polypeptides and non-polar peptide derivatives: pre-adsorption of samples. *Journal of Proteomics*, **1995**, 30, 153-61		7
49	Synthesis of linear and angular aryl-morpholino-naphth-oxazines, their DNA-PK, PI3K, PDE3A and antiplatelet activity. *Bioorganic and Medicinal Chemistry Letters*, **2016**, 26, 5534-5538	2.9	7
48	Controlled Construction of Cyclic d / l Peptide Nanorods. *Angewandte Chemie - International Edition* , **2019**, 58, 596-601	16.4	7
47	IP kinase Arg1 regulates cell wall homeostasis and surface architecture to promote Cryptococcus neoformans infection in a mouse model. *Virulence*, **2017**, 8, 1833-1848	4.7	6
46	Structure-Interaction Relationship of Polymyxins with the Membrane of Human Kidney Proximal Tubular Cells. *ACS Infectious Diseases*, **2020**, 6, 2110-2119	5.5	6
45	Identification of a Cyanine-Dye Labeled Peptidic Ligand for Y1R and Y4R, Based upon the Neuropeptide Y C-Terminal Analogue, BVD-15. *Bioconjugate Chemistry*, **2016**, 27, 2166-75	6.3	6
44	Synthetic routes to the Neuropeptide Y Y1 receptor antagonist 1229U91 and related analogues for SAR studies and cell-based imaging. *Organic and Biomolecular Chemistry*, **2014**, 12, 3271-81	3.9	6
43	Active site similarity between human and Plasmodium falciparum phosphodiesterases: considerations for antimalarial drug design. *Journal of Computer-Aided Molecular Design*, **2011**, 25, 753-62	4.2	6
42	Fmoc-protected tropane-based amino acids for peptide structure-function studies. *Tetrahedron Letters*, **1997**, 38, 2907-2910	2	6
41	Synthesis of □aminosuccinimide-containing peptides in Fmoc-based SPPS. *International Journal of Peptide Research and Therapeutics*, **1995**, 1, 263-268		6
40	Macrocyclic peptidomimetics as inhibitors of insulin-regulated aminopeptidase (IRAP). *RSC Medicinal Chemistry*, **2020**, 11, 234-244	3.5	6
39	Synthesis and biological evaluation of a novel photo-activated histone deacetylase inhibitor. *Bioorganic and Medicinal Chemistry Letters*, **2020**, 30, 127291	2.9	5
38	Synthesis and elaboration of N-methylpyrrolidone as an acetamide fragment substitute in bromodomain inhibition. *Bioorganic and Medicinal Chemistry*, **2019**, 27, 115157	3.4	5

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36	(+)-Fluorenylethylchloroformate (FLEC)--improved synthesis for application in chiral analysis and peptidomimetic synthesis. *Organic and Biomolecular Chemistry*, **2013**, 11, 2571-3	3.9	5
35	Synthesis of Difficult Fluorescence Quenched Substrates of Granzyme C. *International Journal of Peptide Research and Therapeutics*, **2010**, 16, 159-165	2.1	5
34	Disrupting the platelet internal membrane via PI3KC2 inhibition impairs thrombosis independently of canonical platelet activation. *Science Translational Medicine*, **2020**, 12,	17.5	5
33	A novel chemical biology and computational approach to expedite the discovery of new-generation polymyxins against life-threatening. *Chemical Science*, **2021**, 12, 12211-12220	9.4	5
32	A synthetic lipopeptide targeting top-priority multidrug-resistant Gram-negative pathogens.. *Nature Communications*, **2022**, 13, 1625	17.4	5
31	Functional Characterization of the Unique Terminal Thioesterase Domain from Polymyxin Synthetase. *Biochemistry*, **2017**, 56, 657-668	3.2	4
30	(S)-(+)-Fluorenylethylchloroformate (FLEC); preparation using asymmetric transfer hydrogenation and application to the analysis and resolution of amines. *Tetrahedron*, **2019**, 75, 130591	2.4	4
29	Cyclic Hexapeptide Mimics of the LEDGF Integrase Recognition Loop in Complex with HIV-1 Integrase. *ChemMedChem*, **2018**, 13, 1555-1565	3.7	4
28	Synthesis and biological evaluation of 8-aryl-2-morpholino-7-O-substituted benzo[e][1,3]oxazin-4-ones against DNA-PK, PI3K, PDE3A enzymes and platelet aggregation. *Bioorganic and Medicinal Chemistry*, **2017**, 25, 5531-5536	3.4	4
27	The first total synthesis and solution structure of a polypeptin, PE2, a cyclic lipopeptide with broad spectrum antibiotic activity. *Organic and Biomolecular Chemistry*, **2017**, 15, 7173-7180	3.9	4
26	Solid-Phase synthesis of a dendritic peptide related to a retinoblastoma protein fragment utilizing a combined boc- and fmoc-chemistry approach. *Journal of Peptide Science*, **2001**, 7, 262-9	2.1	4
25	Quantitative Structure-activity Relationships Of (+)-anatoxin-a Derivatives. *Natural Product Research*, **1994**, 4, 121-128		4
24	Beta amino acid-modified and fluorescently labelled kisspeptin analogues with potent KISS1R activity. *Journal of Peptide Science*, **2016**, 22, 406-14	2.1	4
23	IRAP Inhibitors: M1-Aminopeptidase Family Inspiration. *Frontiers in Pharmacology*, **2020**, 11, 585930	5.6	3
22	Substituted 1-methyl-4-phenylpyrrolidin-2-ones - Fragment-based design of N-methylpyrrolidone-derived bromodomain inhibitors. *European Journal of Medicinal Chemistry*, **2020**, 191, 112120	6.8	3
21	Binding Mode Prediction of PDE4 Inhibitors: A Comparison of Modelling Methods. *Australian Journal of Chemistry*, **2010**, 63, 396	1.2	3
20	Lipophilic Salts and Lipid-Based Formulations: Enhancing the Oral Delivery of Octreotide. *Pharmaceutical Research*, **2021**, 38, 1125-1137	4.5	3

19	Discovery of Phosphodiesterase-4 Inhibitors: Serendipity and Rational Drug Design. *Australian Journal of Chemistry*, **2014**, 67, 1780	1.2	2
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17	A reversed-phase HPLC-based method for the assay of cyclic nucleotide phosphodiesterase activity. *Analytical Biochemistry*, **2005**, 339, 185-7	3.1	2
16	Solid-phase synthesis of cyclic analogues related to the hypoglycaemic peptide hGH(6-13): comparison of two i-->i + 4 lactam cyclization procedures. *Journal of Peptide Science*, **2001**, 7, 529-36	2.1	2
15	Use of synthetic peptides to delineate discontinuous sequence regions involved in epitope sites of the thyrotropin Ebubunit. *International Journal of Peptide Research and Therapeutics*, **1999**, 6, 185-192		2
14	A New Turn in Peptide-Based Imaging Agents: Foldamers Afford Improved Theranostics Targeting Cholecystokinin-2 Receptor-Positive Cancer. *Journal of Medicinal Chemistry*, **2021**, 64, 4841-4856	8.3	2
13	A9871 Insulin regulated aminopeptidase (irap) inhibition completely reverses age-induced cardiac fibrosis and improves cardiac function. *Journal of Hypertension*, **2018**, 36, e57	1.9	2
12	Is There an Interplay Between the Functional Domains of IRAP?. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 585237	5.7	1
11	Controlled Construction of Cyclic d / l Peptide Nanorods. *Angewandte Chemie*, **2019**, 131, 606-611	3.6	1
10	Heterodimeric Analogues of the Potent Y1R Antagonist 1229U91, Lacking One of the Pharmacophoric C-Terminal Structures, Retain Potent Y1R Affinity and Show Improved Selectivity over Y4R. *Journal of Medicinal Chemistry*, **2020**, 63, 5274-5286	8.3	0
9	Regioselection in the synthesis of 4-benzyltetral-1-ones and the new 4-arylbenzosuber-1-ones. *Tetrahedron*, **2021**, 85, 132034	2.4	0
8	Side-Chain Interactions in d/l Peptide Nanotubes: Studies by Crystallography, NMR Spectroscopy and Molecular Dynamics. *Chemistry - A European Journal*, **2021**, 27, 14489-14500	4.8	0
7	An extensional strain sensing mechanosome drives adhesion-independent platelet activation at supraphysiological hemodynamic gradients.. *BMC Biology*, **2022**, 20, 73	7.3	0
6	Synthesis and biological evaluation of 4H-benzo[e][1,3]oxazin-4-ones analogues of TGX-221 as inhibitors of PI3K *Bioorganic and Medicinal Chemistry*, **2022**, 116832	3.4	0
5	Inflammatory twins from PI3K gang brought to justice?. *Chemistry and Biology*, **2010**, 17, 101-2		
4	Use of synthetic peptides to delineate discontinuous sequence regions involved in epitope sites of the thyrotropin Ebubunit. *International Journal of Peptide Research and Therapeutics*, **1999**, 6, 185-192		
3	Novel pharmacological effects of a jungle ginger on prostate contractility. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2018**, WCP2018, PO2-4-2	0	
2	Design, Development, In Vitro and Preliminary In Vivo Evaluation of a Novel Photo-Angioplasty Device: Lumi-Solve. *Cardiovascular Engineering and Technology*, **2021**, 12, 466-473	2.2	

1 Enhanced nitric oxide production by macrophages treated with a cell-penetrating peptide conjugate.. *Bioorganic Chemistry*, **2022**, 123, 105763 5.1