

Byung Woo Han

List of Publications by Year in Descending Order

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

124 papers	2,273 citations	24 h-index	42 g-index
133 ext. papers	2,913 ext. citations	5.6 avg, IF	4.74 L-index

#	Paper	IF	Citations
124	Structural insights into apoptotic regulation of human Bfk as a novel Bcl-2 family member.. <i>Computational and Structural Biotechnology Journal</i> , 2022 , 20, 745-756	6.8	0
123	Sunscreen filter octocrylene is a potential obesogen by acting as a PPAR γ partial agonist. <i>Toxicology Letters</i> , 2021 , 355, 141-149	4.4	0
122	Galangin 3-benzyl-5-methylether derivatives function as an adiponectin synthesis-promoting peroxisome proliferator-activated receptor γ partial agonist.. <i>Bioorganic and Medicinal Chemistry</i> , 2021 , 54, 116564	3.4	2
121	Structural basis for SdgB- and SdgA-mediated glycosylation of staphylococcal adhesive proteins. <i>Acta Crystallographica Section D: Structural Biology</i> , 2021 , 77, 1460-1474	5.5	
120	Olig2 regulates p53-mediated apoptosis, migration and invasion of melanoma cells. <i>Scientific Reports</i> , 2021 , 11, 7778	4.9	1
119	Resolvin D1 suppresses inflammation-associated tumorigenesis in the colon by inhibiting IL-6-induced mitotic spindle abnormality. <i>FASEB Journal</i> , 2021 , 35, e21432	0.9	1
118	Psammocindoles A-C: Isolation, Synthesis, and Bioactivity of Indole- β lactams from the Sponge. <i>Organic Letters</i> , 2021 , 23, 4667-4671	6.2	3
117	Salicinoyl Quinic Acids and Their Prostaglandin E Production Inhibitory Activities from the Fruits of. <i>Journal of Natural Products</i> , 2021 , 84, 2437-2446	4.9	1
116	Bioactive Lipids and Their Derivatives in Biomedical Applications. <i>Biomolecules and Therapeutics</i> , 2021 , 29, 465-482	4.2	4
115	Specialized Proresolving Mediators for Therapeutic Interventions Targeting Metabolic and Inflammatory Disorders. <i>Biomolecules and Therapeutics</i> , 2021 , 29, 455-464	4.2	7
114	Evodiamine inhibits both stem cell and non-stem-cell populations in human cancer cells by targeting heat shock protein 70. <i>Theranostics</i> , 2021 , 11, 2932-2952	12.1	8
113	Discovery and Structure-Activity Relationships of Novel Template, Truncated 1SHomologated Adenosine Derivatives as Pure Dual PPAR γ /PPAR δ Modulators. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 16012-16027	8.3	7
112	Benzophenone-3 and benzophenone-8 exhibit obesogenic activity via peroxisome proliferator-activated receptor γ pathway. <i>Toxicology in Vitro</i> , 2020 , 67, 104886	3.6	5
111	Novel HDAC inhibitor MAKV-8 and imatinib synergistically kill chronic myeloid leukemia cells via inhibition of BCR-ABL/MYC-signaling: effect on imatinib resistance and stem cells. <i>Clinical Epigenetics</i> , 2020 , 12, 69	7.7	9
110	Resveratrol suppresses gastric cancer cell proliferation and survival through inhibition of PIM-1 kinase activity. <i>Archives of Biochemistry and Biophysics</i> , 2020 , 689, 108413	4.1	10
109	The HDAC6 inhibitor 7b induces BCR-ABL ubiquitination and downregulation and synergizes with imatinib to trigger apoptosis in chronic myeloid leukemia. <i>Pharmacological Research</i> , 2020 , 160, 105058	10.2	1
108	Characterization of Lysine Acetyltransferase Activity of Recombinant Human ARD1/NAA10. <i>Molecules</i> , 2020 , 25,	4.8	3

107	Identification of a New Chemotype of Anti-Obesity Compounds by Ensemble Screening. <i>ACS Omega</i> , 2020 , 5, 4338-4346	3.9	1
106	Cyclin-Dependent Kinase 5 Inhibitor Butyrolactone I Elicits a Partial Agonist Activity of Peroxisome Proliferator-Activated Receptor α <i>Biomolecules</i> , 2020 , 10,	5.9	9
105	Structural Analyses on the Deamidation of N-Terminal Asn in the Human N-Degron Pathway. <i>Biomolecules</i> , 2020 , 10,	5.9	7
104	Structural and Biophysical Analyses of Human N-Myc Downstream-Regulated Gene 3 (NDRG3) Protein. <i>Biomolecules</i> , 2020 , 10,	5.9	2
103	Diallyl Biphenyl-Type Neolignans Have a Pharmacophore of PPAR γ Dual Modulators. <i>Biomolecules and Therapeutics</i> , 2020 , 28, 397-404	4.2	3
102	CXCL14 downregulation in human keratinocytes is a potential biomarker for a novel in vitro skin sensitization test. <i>Toxicology and Applied Pharmacology</i> , 2020 , 386, 114828	4.6	2
101	Novel linked butanolide dimer compounds increase adiponectin production during adipogenesis in human mesenchymal stem cells through peroxisome proliferator-activated receptor γ modulation. <i>European Journal of Medicinal Chemistry</i> , 2020 , 187, 111969	6.8	2
100	Selenium bioisosteric replacement of adenosine derivatives promoting adiponectin secretion increases the binding affinity to peroxisome proliferator-activated receptor α <i>Bioorganic and Medicinal Chemistry</i> , 2020 , 28, 115226	3.4	3
99	Differential Effects of Cancer-Associated Mutations Enriched in Helix H3 of PPAR α <i>Cancers</i> , 2020 , 12,	6.6	2
98	Family-based exome sequencing combined with linkage analyses identifies rare susceptibility variants of MUC4 for gastric cancer. <i>PLoS ONE</i> , 2020 , 15, e0236197	3.7	1
97	Design, synthesis and bioevaluation of novel 6-substituted aminoindazole derivatives as anticancer agents.. <i>RSC Advances</i> , 2020 , 10, 45199-45206	3.7	0
96	Family-based exome sequencing combined with linkage analyses identifies rare susceptibility variants of MUC4 for gastric cancer 2020 , 15, e0236197		
95	Family-based exome sequencing combined with linkage analyses identifies rare susceptibility variants of MUC4 for gastric cancer 2020 , 15, e0236197		
94	Family-based exome sequencing combined with linkage analyses identifies rare susceptibility variants of MUC4 for gastric cancer 2020 , 15, e0236197		
93	Family-based exome sequencing combined with linkage analyses identifies rare susceptibility variants of MUC4 for gastric cancer 2020 , 15, e0236197		
92	Structural Analyses of Helicobacter Pylori FolC Conducting Glutamation in Folate Metabolism. <i>Crystals</i> , 2019 , 9, 429	2.3	0
91	Structural Basis for the Regulation of PPAR α Activity by Imatinib. <i>Molecules</i> , 2019 , 24,	4.8	9
90	Adiponectin-Secretion-Promoting Phenylethylchromones from the Agarwood of Aquilaria malaccensis. <i>Journal of Natural Products</i> , 2019 , 82, 259-264	4.9	12

89	Structure and immunogenicity of a stabilized HIV-1 envelope trimer based on a group-M consensus sequence. <i>Nature Communications</i> , 2019 , 10, 2355	17.4	68
88	2-Phenyl-8-(1-phenylallyl)-chromenone compounds have a pan-PPAR modulator pharmacophore. <i>Bioorganic and Medicinal Chemistry</i> , 2019 , 27, 2948-2958	3.4	6
87	A long-wave UVA filter avobenzone induces obesogenic phenotypes in normal human epidermal keratinocytes and mesenchymal stem cells. <i>Archives of Toxicology</i> , 2019 , 93, 1903-1915	5.8	16
86	Phenalenones from a Marine-Derived Fungus Sp. <i>Marine Drugs</i> , 2019 , 17,	6	10
85	Structural basis for the inhibitory effects of a novel reversible covalent ligand on PPAR γ phosphorylation. <i>Scientific Reports</i> , 2019 , 9, 11168	4.9	7
84	Keratinocyte-derived IL-36 γ plays a role in hydroquinone-induced chemical leukoderma through inhibition of melanogenesis in human epidermal melanocytes. <i>Archives of Toxicology</i> , 2019 , 93, 2307-2320	5.8	6
83	The DRS-AIMP2-EPRS subcomplex acts as a pivot in the multi-tRNA synthetase complex. <i>IUCrJ</i> , 2019 , 6, 958-967	4.7	8
82	Structural and Functional Analyses of Human ChaC2 in Glutathione Metabolism. <i>Biomolecules</i> , 2019 , 10,	5.9	5
81	Leptin regulates the pro-inflammatory response in human epidermal keratinocytes. <i>Archives of Dermatological Research</i> , 2018 , 310, 351-362	3.3	18
80	Curcumin interacts directly with the Cysteine 259 residue of STAT3 and induces apoptosis in H-Ras transformed human mammary epithelial cells. <i>Scientific Reports</i> , 2018 , 8, 6409	4.9	48
79	The dialkyl resorcinol stemphol disrupts calcium homeostasis to trigger programmed immunogenic necrosis in cancer. <i>Cancer Letters</i> , 2018 , 416, 109-123	9.9	15
78	Structural Basis for the Enhanced Anti-Diabetic Efficacy of Lobeglitazone on PPAR γ <i>Scientific Reports</i> , 2018 , 8, 31	4.9	41
77	2-Formyl-komarovicine promotes adiponectin production in human mesenchymal stem cells through PPAR γ partial agonism. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 1069-1075	3.4	15
76	Structural basis for the substrate recognition of peptidoglycan pentapeptides by <i>Enterococcus faecalis</i> VanY. <i>International Journal of Biological Macromolecules</i> , 2018 , 119, 335-344	7.9	3
75	Cardiac Glycoside Glucoevatromonoside Induces Cancer Type-Specific Cell Death. <i>Frontiers in Pharmacology</i> , 2018 , 9, 70	5.6	21
74	Dual-Specificity Tyrosine Phosphorylation-Regulated Kinase 1A (DYRK1A) Inhibitors as Potential Therapeutics. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 9791-9810	8.3	48
73	The Fungal Metabolite Eurochevalierine, a Sesquiterpene Alkaloid, Displays Anti-Cancer Properties through Selective Sirtuin 1/2 Inhibition. <i>Molecules</i> , 2018 , 23,	4.8	8
72	Molecular organization of the type II-A CRISPR adaptation module and its interaction with Cas9 via Csn2. <i>Nucleic Acids Research</i> , 2018 , 46, 9805-9815	20.1	14

71	IL-1 Receptor Antagonist Reduced Chemical-Induced Keratinocyte Apoptosis through Antagonism to IL-1 β . <i>Biomolecules and Therapeutics</i> , 2018 , 26, 417-423	4.2	10
70	Cytostatic hydroxycoumarin OT52 induces ER/Golgi stress and STAT3 inhibition triggering non-canonical cell death and synergy with BH3 mimetics in lung cancer. <i>Cancer Letters</i> , 2018 , 416, 94-108	9.9	28
69	Phosphodiesterase 4B plays a role in benzophenone-3-induced phototoxicity in normal human keratinocytes. <i>Toxicology and Applied Pharmacology</i> , 2018 , 338, 174-181	4.6	10
68	Synergistic AML Cell Death Induction by Marine Cytotoxin (+)-1(), 6(), 15(), 65(), 11(), 17()-Fistularin-3 and Bcl-2 Inhibitor Venetoclax. <i>Marine Drugs</i> , 2018 , 16,	6	12
67	Lysyl-Transfer RNA Synthetase Induces the Maturation of Dendritic Cells through MAPK and NF- κ B Pathways, Strongly Contributing to Enhanced Th1 Cell Responses. <i>Journal of Immunology</i> , 2018 , 201, 2832-2841	5.3	11
66	Kojyl cinnamate esters are peroxisome proliferator-activated receptor α dual agonists. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 5654-5663	3.4	7
65	Unique N-terminal extension domain of human asparaginyl-tRNA synthetase elicits CCR3-mediated chemokine activity. <i>International Journal of Biological Macromolecules</i> , 2018 , 120, 835-845	7.9	6
64	Novel hydroxamic acids incorporating 1-((1H-1,2,3-Triazol-4-yl)methyl)-3-hydroxyimino-indolin-2-ones: synthesis, biological evaluation, and SAR analysis. <i>Journal of Chemical Sciences</i> , 2018 , 130, 1	1.8	5
63	Exploration of novel 5?(7?)-substituted-2?-oxospiro[1,3]dioxolane-2,3?-indoline-based N -hydroxypropenamides as histone deacetylase inhibitors and antitumor agents. <i>Arabian Journal of Chemistry</i> , 2017 , 10, 465-472	5.9	4
62	Discovery and Characterization of R/S-N-3-Cyanophenyl-NS(6-tert-butoxycarbonylamino-3,4-dihydro-2,2-dimethyl-2H-1-benzopyran-4-yl)urea, a New Histone Deacetylase Class III Inhibitor Exerting Antiproliferative Activity against Cancer Cell Lines. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 4714-4733	8.3	17
61	The N-terminal region of organic anion transporting polypeptide 1B3 (OATP1B3) plays an essential role in regulating its plasma membrane trafficking. <i>Biochemical Pharmacology</i> , 2017 , 131, 98-105	6	11
60	N-Substituted 5SN-Methylcarbamoyl-4Sselenoadenosines as Potent and Selective A Adenosine Receptor Agonists with Unusual Sugar Puckering and Nucleobase Orientation. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 3422-3437	8.3	17
59	Structural basis for differential activities of enantiomeric PPAR α agonists: Binding of S35 to the alternate site. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017 , 1865, 674-681	4	29
58	Cell density-dependent differential proliferation of neural stem cells on omnidirectional nanopore-arrayed surface. <i>Scientific Reports</i> , 2017 , 7, 13077	4.9	12
57	Protein energy malnutrition alters mucosal IgA responses and reduces mucosal vaccine efficacy in mice. <i>Immunology Letters</i> , 2017 , 190, 247-256	4.1	13
56	Polypharmacology of N-(3-Iodobenzyl)adenosine-5SN-methyluronamide (IB-MECA) and Related A Adenosine Receptor Ligands: Peroxisome Proliferator Activated Receptor (PPAR) β Partial Agonist and PPAR α Antagonist Activity Suggests Their Antidiabetic Potential. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 7453-7475	8.3	24
55	Establishment of Immortalized Primary Human Foreskin Keratinocytes and Their Application to Toxicity Assessment and Three Dimensional Skin Culture Construction. <i>Biomolecules and Therapeutics</i> , 2017 , 25, 296-307	4.2	8
54	Design, synthesis and biological evaluation of novel hydroxamic acids bearing artemisinin skeleton. <i>Bioorganic Chemistry</i> , 2016 , 66, 63-71	5.1	14

53	Secreted tryptophanyl-tRNA synthetase as a primary defence system against infection. <i>Nature Microbiology</i> , 2016 , 2, 16191	26.6	40
52	Bavachin from <i>Psoralea corylifolia</i> Improves Insulin-Dependent Glucose Uptake through Insulin Signaling and AMPK Activation in 3T3-L1 Adipocytes. <i>International Journal of Molecular Sciences</i> , 2016 , 17, 527	6.3	22
51	Focal Adhesion Assembly Induces Phenotypic Changes and Dedifferentiation in Chondrocytes. <i>Journal of Cellular Physiology</i> , 2016 , 231, 1822-31	7	19
50	Application of SV40 T-transformed human corneal epithelial cells to evaluate potential irritant chemicals for in vitro alternative eye toxicity. <i>Journal of Pharmacological and Toxicological Methods</i> , 2016 , 80, 82-9	1.7	8
49	Kazinol B from <i>Broussonetia kazinoki</i> improves insulin sensitivity via Akt and AMPK activation in 3T3-L1 adipocytes. <i>Floterap</i> , 2016 , 112, 90-6	3.2	17
48	Cystathionine metabolic enzymes play a role in the inflammation resolution of human keratinocytes in response to sub-cytotoxic formaldehyde exposure. <i>Toxicology and Applied Pharmacology</i> , 2016 , 310, 185-194	4.6	14
47	Suncheonosides A-D, Benzothioate Glycosides from a Marine-Derived <i>Streptomyces</i> sp. <i>Journal of Natural Products</i> , 2015 , 78, 1390-6	4.9	12
46	Synthesis and bioevaluation of new 5-benzylidenethiazolidine-2,4-diones bearing benzenesulfonamide moiety. <i>Medicinal Chemistry Research</i> , 2015 , 24, 3803-3812	2.2	5
45	Common prefrontal cortical gene expression profiles between adolescent SHR/NCrl and WKY/NCrl rats which showed inattention behavior. <i>Behavioural Brain Research</i> , 2015 , 291, 268-276	3.4	16
44	Selenoacyclovir and Selenoganciclovir: Discovery of a New Template for Antiviral Agents. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 8734-8	8.3	33
43	miR-526b targets 3SUTR of MMP1 mRNA. <i>Experimental and Molecular Medicine</i> , 2015 , 47, e178	12.8	15
42	Novel 2-oxoindoline-based hydroxamic acids: synthesis, cytotoxicity, and inhibition of histone deacetylation. <i>Tetrahedron Letters</i> , 2015 , 56, 6425-6429	2	11
41	Design, synthesis and cellular metabolism study of 4Selenonucleosides. <i>Future Medicinal Chemistry</i> , 2015 , 7, 1643-55	4.1	7
40	Matrix stiffness induces epithelial mesenchymal transition phenotypes of human epidermal keratinocytes on collagen coated two dimensional cell culture. <i>Biomedical Engineering Letters</i> , 2015 , 5, 194-202	3.6	7
39	Crystal structure of the protein At3g01520, a eukaryotic universal stress protein-like protein from <i>Arabidopsis thaliana</i> in complex with AMP. <i>Proteins: Structure, Function and Bioinformatics</i> , 2015 , 83, 1368-73	4.2	12
38	Lumazine peptides from the marine-derived fungus <i>Aspergillus terreus</i> . <i>Marine Drugs</i> , 2015 , 13, 1290-308		29
37	Kuwanon V inhibits proliferation, promotes cell survival and increases neurogenesis of neural stem cells. <i>PLoS ONE</i> , 2015 , 10, e0118188	3.7	26
36	PharmDB-K: Integrated Bio-Pharmacological Network Database for Traditional Korean Medicine. <i>PLoS ONE</i> , 2015 , 10, e0142624	3.7	11

35	Structure and Stability of the Dimeric Triosephosphate Isomerase from the Thermophilic Archaeon <i>Thermoplasma acidophilum</i> . <i>PLoS ONE</i> , 2015 , 10, e0145331	3.7	3
34	Sparse Feature Selection Identifies H2A.Z as a Novel Pattern-Specific Biomarker for Asymmetrically Self-Renewing Distributed Stem Cells. <i>Microscopy and Microanalysis</i> , 2015 , 21, 197-198	0.5	
33	Keratinocytic vascular endothelial growth factor as a novel biomarker for pathological skin condition. <i>Biomolecules and Therapeutics</i> , 2015 , 23, 12-8	4.2	23
32	Structure-Activity Relationships of Neplanocin A Analogues as S-Adenosylhomocysteine Hydrolase Inhibitors and Their Antiviral and Antitumor Activities. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 5108-20	8.3	24
31	The Cell Shape-determining Csd6 Protein from <i>Helicobacter pylori</i> Constitutes a New Family of L,D-Carboxypeptidase. <i>Journal of Biological Chemistry</i> , 2015 , 290, 25103-17	5.4	19
30	The BioMart community portal: an innovative alternative to large, centralized data repositories. <i>Nucleic Acids Research</i> , 2015 , 43, W589-98	20.1	468
29	Chemical allergens stimulate human epidermal keratinocytes to produce lymphangiogenic vascular endothelial growth factor. <i>Toxicology and Applied Pharmacology</i> , 2015 , 283, 147-55	4.6	12
28	Sparse feature selection identifies H2A.Z as a novel, pattern-specific biomarker for asymmetrically self-renewing distributed stem cells. <i>Stem Cell Research</i> , 2015 , 14, 144-54	1.6	12
27	A cannabinoid receptor agonist N-arachidonoyl dopamine inhibits adipocyte differentiation in human mesenchymal stem cells. <i>Biomolecules and Therapeutics</i> , 2015 , 23, 218-24	4.2	12
26	Chemical inhibition of prometastatic lysyl-tRNA synthetase-laminin receptor interaction. <i>Nature Chemical Biology</i> , 2014 , 10, 29-34	11.7	42
25	Human melanocytes form a PAX3-expressing melanocyte cluster on Matrigel by the cell migration process. <i>Journal of Dermatological Science</i> , 2014 , 76, 60-6	4.3	1
24	Keratinocyte-derived IL-24 plays a role in the positive feedback regulation of epidermal inflammation in response to environmental and endogenous toxic stressors. <i>Toxicology and Applied Pharmacology</i> , 2014 , 280, 199-206	4.6	34
23	Promiscuous methionyl-tRNA synthetase mediates adaptive mistranslation to protect cells against oxidative stress. <i>Journal of Cell Science</i> , 2014 , 127, 4234-45	5.3	65
22	Retinoic acid and hydroquinone induce inverse expression patterns on cornified envelope-associated proteins: implication in skin irritation. <i>Journal of Dermatological Science</i> , 2014 , 76, 112-9	4.3	5
21	Hydrogen peroxide generated by DUOX1 regulates the expression levels of specific differentiation markers in normal human keratinocytes. <i>Journal of Dermatological Science</i> , 2014 , 74, 56-63	4.3	12
20	Kojyl cinnamate ester derivatives promote adiponectin production during adipogenesis in human adipose tissue-derived mesenchymal stem cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 2141-5	2.9	11
19	Structural basis for the recognition of muramyltripectide by <i>Helicobacter pylori</i> Csd4, a D,L-carboxypeptidase controlling the helical cell shape. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014 , 70, 2800-12		15
18	An RNA aptamer that specifically binds to the glycosylated hemagglutinin of avian influenza virus and suppresses viral infection in cells. <i>PLoS ONE</i> , 2014 , 9, e97574	3.7	33

17	Crystal structure of human protein N-terminal glutamine amidohydrolase, an initial component of the N-end rule pathway. <i>PLoS ONE</i> , 2014 , 9, e111142	3.7	7
16	Novel isatin-based hydroxamic acids as histone deacetylase inhibitors and antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2013 , 70, 477-86	6.8	38
15	New benzothiazole/thiazole-containing hydroxamic acids as potent histone deacetylase inhibitors and antitumor agents. <i>Medicinal Chemistry</i> , 2013 , 9, 1051-7	1.8	34
14	Overexpression, crystallization and preliminary X-ray crystallographic analysis of the variable lymphocyte receptor 2913 ectodomain fused with internalin B. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2013 , 69, 39-41		1
13	Structural basis for the inhibition of Mycobacterium tuberculosis L,D-transpeptidase by meropenem, a drug effective against extensively drug-resistant strains. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013 , 69, 420-31		53
12	Crystal structure of human cytosolic aspartyl-tRNA synthetase, a component of multi-tRNA synthetase complex. <i>Proteins: Structure, Function and Bioinformatics</i> , 2013 , 81, 1840-6	4.2	19
11	Crystal structure of the protein from Arabidopsis thaliana gene At5g06450, a putative DnaQ-like exonuclease domain-containing protein with homohexameric assembly. <i>Proteins: Structure, Function and Bioinformatics</i> , 2013 , 81, 1669-1675	4.2	5
10	Interleukin-17A increases leptin production in human bone marrow mesenchymal stem cells. <i>Biochemical Pharmacology</i> , 2012 , 83, 661-70	6	43
9	Variable lymphocyte receptor recognition of the immunodominant glycoprotein of Bacillus anthracis spores. <i>Structure</i> , 2012 , 20, 479-86	5.2	43
8	Crystal structure of tandem ACT domain-containing protein ACTP from Galdieria sulphuraria. <i>Proteins: Structure, Function and Bioinformatics</i> , 2012 , 80, 2105-2109	4.2	2
7	Structural and functional characterization of Helicobacter pylori DsbG. <i>FEBS Letters</i> , 2011 , 585, 3862-7	3.8	20
6	Crystal structure of Arabidopsis thaliana 12-oxophytodienoate reductase isoform 3 in complex with 8-iso prostaglandin A(1). <i>Proteins: Structure, Function and Bioinformatics</i> , 2011 , 79, 3236-41	4.2	2
5	A resource for discovering specific and universal biomarkers for distributed stem cells. <i>PLoS ONE</i> , 2011 , 6, e22077	3.7	16
4	Antigen recognition by variable lymphocyte receptors. <i>Science</i> , 2008 , 321, 1834-7	33.3	146
3	Membrane association, mechanism of action, and structure of Arabidopsis embryonic factor 1 (FAC1). <i>Journal of Biological Chemistry</i> , 2006 , 281, 14939-47	5.4	24
2	Crystal structure of Homo sapiens thialysine Nepsilon-acetyltransferase (HsSSAT2) in complex with acetyl coenzyme A. <i>Proteins: Structure, Function and Bioinformatics</i> , 2006 , 64, 288-93	4.2	9
1	Crystallization and preliminary X-ray crystallographic analysis of adenosine 5Smonophosphate deaminase (AMPD) from Arabidopsis thaliana in complex with coformycin 5Sphosphate. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2005 , 61, 740-2		2