

2011 年实验室发表论文

序号	论文	第几单位	通讯作者	影响因子
1	Liu ZJ, Chen LR, Wu D, Ding W, Zhang H, Zhou WH, Fu ZQ, Wang BC. A multi-dataset data-collection strategy produces better diffraction data. Acta Crystallographica Section A 2011;67:544-549.	1	刘志杰	54.333
2	Katoh H, Qin ZHS, Liu RH, Wang LZ, Li WQ, Li XZ, Wu LP, Du ZW, Lyons R, Liu CG, Liu XP, Dou YL, Zheng P, Liu Y. FOXP3 Orchestrates H4K16 Acetylation and H3K4 Trimethylation for Activation of Multiple Genes by Recruiting MOF and Causing Displacement of PLU-1. Molecular Cell 2011;44(5):770-784.	7	Du, Zhanwen	14.194
3	Gong Y, Zhu DY, Ding JJ, Dou CN, Ren XM, Gu LC, Jiang T, Wang DC. Crystal structures of aprataxin ortholog Hnt3 reveal the mechanism for reversal of 5'-adenylated DNA. Nature Structural & Molecular Biology 2011;18(11):1297-1299.	1	江涛, 王大成	13.685
4	Pan XW, Li M, Wan T, Wang LF, Jia CJ, Hou ZQ, Zhao XL, Zhang JP, Chang WR. Structural insights into energy regulation of light-harvesting complex CP29 from spinach. Nature Structural & Molecular Biology 2011;18(3):309-U94.	1	常文瑞	13.685
5	Yan LM, Ma YY, Sun YN, Gao J, Chen XY, Liu JW, Wang CW, Rao ZH, Lou ZY. Structural basis for mechanochemical role of Arabidopsis thaliana dynamin-related protein in membrane fission. Journal of Molecular Cell Biology 2011;3(6):378-381.	5	饶子和	13.4
6	Hu H, Liu Y, Wang MZ, Fang JN, Huang HD, Yang N, Li YB, Wang JY, Yao XB, Shi YY, Li GH, Xu RM. Structure of a CENP-A-histone H4 heterodimer in complex with chaperone HJURP. Genes & Development 2011;25(9):901-906.	1	许瑞明	12.889
7	Li YY, Zhou YL, Wang HY, Perrett S, Zhao YL, Tang ZY, Nie GJ. Chirality of Glutathione Surface Coating Affects the Cytotoxicity of Quantum Dots. Angewandte Chemie-International Edition 2011;50(26):5860-5864.	2	Zhao, YL	12.73
8	Wang LM, Liu Y, Li W, Jiang XM, Ji YL, Wu XC, Xu LG, Qiu Y, Zhao K, Wei TT, Li YF, Zhao YL, Chen CY. Selective Targeting of Gold Nanorods at the Mitochondria of Cancer Cells: Implications for Cancer Therapy. Nano Letters 2011;11(2):772-780.	4	Wu XC	12.186
9	Huo L, Wen WY, Wang R, Kam CE, Xia J, Feng W, Zhang MJ. Cdc42-dependent formation of the ZO-1/MRCK beta complex at the leading edge controls cell migration. Embo Journal 2011;30(4):665-678.	4	冯巍	10.124
10	Cheng LP, Sun JC, Zhang K, Mou ZJ, Huang XX, Ji G, Sun F,	1	朱平	9.771

	Zhang JQ, Zhu P. Atomic model of a cypovirus built from cryo-EM structure provides insight into the mechanism of mRNA capping. Proceedings of the National Academy of Sciences of the United States of America 2011;108(4):1373-1378.			
11	Liu SX, Balasov M, Wang HF, Wu LJ, Chesnokov IN, Liu YF. Structural analysis of human Orc6 protein reveals a homology with transcription factor TFIIB. Proceedings of the National Academy of Sciences of the United States of America 2011;108(18):7373-7378.	1	刘迎芳	9.771
12	Sun LT, Wang MZ, Lv ZY, Yang N, Liu YF, Bao SL, Gong WM, Xu RM. Structural insights into protein arginine symmetric dimethylation by PRMT5. Proceedings of the National Academy of Sciences of the United States of America 2011;108(51):20538-20543.	1	许瑞明, 龚为民	9.771
13	Zhang QZ, Jiang JJ, Han PC, Yuan Q, Zhang J, Zhang XQ, Xu YY, Cao HH, Meng QZ, Chen L, Tian TA, Wang X, Li P, Hescheler J, Ji GJ, Ma Y. Direct differentiation of atrial and ventricular myocytes from human embryonic stem cells by alternating retinoid signals. Cell Research 2011;21(4):579-587.	1	马跃, 姬广聚	9.417
14	Li ZZ, Liu L, Deng YQ, Ji W, Du W, Xu PY, Chen LY, Xu T. Graded activation of CRAC channel by binding of different numbers of STIM1 to Orai1 subunits. Cell Research 2011;21(2):305-315.	1	徐涛	9.417
15	Wang CK, Shen J, Yang ZZ, Chen P, Zhao B, Hu W, Lan WX, Tong XT, Wu HM, Li GH, Cao CY. Structural basis for site-specific reading of unmodified R2 of histone H3 tail by UHRF1 PHD finger. Cell Research 2011;21(9):1379-1382.	2	Cao CY	9.417
16	Li GH, Reinberg D. Chromatin higher-order structures and gene regulation. Current Opinion in Genetics & Development 2011;21(2):175-186.	1	Reinberg, D	9.381
17	Chen YT, Tan M, Xia M, Hao N, Zhang XJC, Huang PW, Jiang X, Li XM, Rao ZH. Crystallography of a Lewis-Binding Norovirus, Elucidation of Strain-Specificity to the Polymorphic Human Histo-Blood Group Antigens. Plos Pathogens 2011;7(7).	1	李雪梅	9.079
18	Vavricka CJ, Li Q, Wu Y, Qi JX, Wang MY, Liu Y, Gao F, Liu J, Feng EG, He JH, Wang JF, Liu H, Jiang HL, Gao GF. Structural and Functional Analysis of Laninamivir and its Octanoate Prodrug Reveals Group Specific Mechanisms for Influenza NA Inhibition. Plos Pathogens 2011;7(10).	4	Vavricka, CJ	9.079
19	Li W, Zhao LN, Wei TT, Zhao YL, Chen CY. The inhibition of death receptor mediated apoptosis through lysosome stabilization following internalization of carboxyfullerene nanoparticles. Biomaterials 2011;32(16):4030-4041.	3	卫涛涛	7.882
20	He W, Ma XY, Yang X, Zhao Y, Qiu JK, Hang HY. A role for	1	杭海英	7.836

	the arginine methylation of Rad9 in checkpoint control and cellular sensitivity to DNA damage. <i>Nucleic Acids Research</i> 2011;39(11):4719-4727.			
21	Li DD, Wang YH, Zhang K, Jiao ZJ, Zhu XP, Skogerboe G, Guo XQ, Chinnusamy V, Bi LJ, Huang YP, Dong SL, Chen RS, Kan YC. Experimental RNomics and genomic comparative analysis reveal a large group of species-specific small non-message RNAs in the silkworm <i>Bombyx mori</i> . <i>Nucleic Acids Research</i> 2011;39(9):3792-3805.	3	陈润生	7.836
22	Liao Q, Xiao H, Bu DC, Xie CY, Miao RY, Luo HT, Zhao GG, Yu KT, Zhao HT, Skogerbo G, Chen RS, Wu ZD, Liu CN, Zhao Y. ncFANs: a web server for functional annotation of long non-coding RNAs. <i>Nucleic Acids Research</i> 2011;39:W118-W124.	6	Zhao Y	7.836
23	Wang YF, Chen JJ, Wei GF, He HS, Zhu XP, Xiao TF, Yuan J, Dong B, He SM, Skogerbo G, Chen RS. The <i>Caenorhabditis elegans</i> intermediate-size transcriptome shows high degree of stage-specific expression. <i>Nucleic Acids Research</i> 2011;39(12):5203-5214.	1	陈润生, 诸葛博	7.836
24	Xiao L, Chen DM, Hu P, Wu JB, Liu WZ, Zhao YH, Cao M, Fang Y, Bi WZ, Zheng Z, Ren J, Ji GJ, Wang Y, Yuan ZQ. The c-Abl-MST1 Signaling Pathway Mediates Oxidative Stress-Induced Neuronal Cell Death. <i>Journal of Neuroscience</i> 2011;31(26):9611-9619.	1	袁增强	7.271
25	Ren WJ, Liu Y, Zhou LJ, Li W, Zhong Y, Pang RP, Xin WJ, Wei XH, Wang J, Zhu HQ, Wu CY, Qin ZH, Liu G, Liu XG. Peripheral Nerve Injury Leads to Working Memory Deficits and Dysfunction of the Hippocampus by Upregulation of TNF-alpha in Rodents. <i>Neuropsychopharmacology</i> 2011;36(5):979-992.	4	Liu XG	6.685
26	Liang WG, Ouyang SY, Shaw N, Joachimiak A, Zhang RG, Liu ZJ. Conversion of D-ribulose 5-phosphate to D-xylulose 5-phosphate: new insights from structural and biochemical studies on human RPE. <i>Faseb Journal</i> 2011;25(2):497-504.	1	刘志杰	6.515
27	Shan S, Chen XH, Liu T, Zhao HC, Rao ZH, Lou ZY. Crystal structure of 4-diphosphocytidyl-2-C-methyl-D-erythritol kinase (IspE) from <i>Mycobacterium tuberculosis</i> . <i>Faseb Journal</i> 2011;25(5):1577-1584.	2	Lou ZY	6.515
28	Fei WH, Li H, Shui GH, Kapterian TS, Bielby C, Du XM, Brown AJ, Li P, Wenk MR, Liu PS, Yang HY. Molecular characterization of seipin and its mutants: implications for seipin in triacylglycerol synthesis. <i>Journal of Lipid Research</i> 2011;52(12):2136-2147	5	Yang HY	6.115
29	Pu J, Peng G, Li LH, Na HM, Liu YB, Liu PS. Palmitic acid acutely stimulates glucose uptake via activation of Akt and	1	刘平生	6.115

	ERK1/2 in skeletal muscle cells. <i>Journal of Lipid Research</i> 2011;52(7):1319-1327.			
30	Yang Y, Xu YC, Xia T, Chen FJ, Zhang CL, Liang W, Lai LH, Fang XH. A single-molecule study of the inhibition effect of Naringenin on transforming growth factor-beta ligand-receptor binding. <i>Chemical Communications</i> 2011;47(19):5440-5442.	3	Fang XH	5.787
31	Dong H, Nie RX, Hou X, Wang PR, Yue JC, Jiang L. Assembly of F(0)F(1)-ATPase into solid state nanoporous membrane. <i>Chemical Communications</i> 2011;47(11):3102-3104.	2	乐加昌	5.787
32	Hai Y, Chen JJ, Zhao P, Lv HB, Yu Y, Xu PY, Zhang JL. Luminescent zinc salen complexes as single and two-photon fluorescence subcellular imaging probes. <i>Chemical Communications</i> 2011;47(8):2435-2437.	2	徐平勇	5.787
33	Zhang HN, Wang Y, Li J, Yu JH, Pu J, Li LH, Zhang HC, Zhang SY, Peng G, Yang FQ, Liu PS. Proteome of Skeletal Muscle Lipid Droplet Reveals Association with Mitochondria and Apolipoprotein A-I. <i>Journal of Proteome Research</i> 2011;10(10):4757-4768.	1	刘平生	5.46
34	Ge F, Zhang LA, Tao SC, Kitazato K, Zhang ZP, Zhang XE, Bi LJ. Quantitative Proteomic Analysis of Tumor Reversion in Multiple Myeloma Cells. <i>Journal of Proteome Research</i> 2011;10(2):845-855.	6	毕利军	5.46
35	Liang MM, Liu XR, Liu GZ, Dou SP, Cheng DF, Liu YX, Rusckowski M, Hnatowich DJ. Reducing the Background Fluorescence in Mice Receiving Fluorophore/Inhibitor DNA Duplexes. <i>Molecular Pharmaceutics</i> 2011;8(1):126-132.	2	Hnatowich, DJ	5.4
36	Liang K, Du W, Zhu WZ, Liu S, Cui YQ, Sun HC, Luo B, Xue YH, Yang L, Chen LY, Li F. Contribution of Different Mechanisms to Pancreatic Beta-cell Hyper-secretion in Non-obese Diabetic (NOD) Mice during Pre-diabetes. <i>Journal of Biological Chemistry</i> 2011;286(45):39537-39545.	4	Chen LY	5.328
37	Hu YL, Jiang F, Guo Y, Shen XH, Zhang Y, Zhang R, Guo G, Mao XH, Zou QM, Wang DC. Crystal Structure of HugZ, a Novel Heme Oxygenase from <i>Helicobacter pylori</i> . <i>Journal of Biological Chemistry</i> 2011;286(2):1537-1544.	1	王大成	5.328
38	Luo YH, Liu Y, Sun D, Ojcius DM, Zhao JF, Lin XA, Wu D, Zhang RG, Chen M, Li LJ, Yan J. InvA Protein Is a Nudix Hydrolase Required for Infection by Pathogenic <i>Leptospira</i> in Cell Lines and Animals. <i>Journal of Biological Chemistry</i> 2011;286(42):36852-36863.	3	Li LJ	5.328
39	Wang YQ, Buell AK, Wang XY, Welland ME, Dobson CM, Knowles TPJ, Perrett S. Relationship between Prion Propensity and the Rates of Individual Molecular Steps of Fibril Assembly. <i>Journal of Biological Chemistry</i> 2011;286(14).	1	柯莎	5.328

40	Hou H, Wang FS, Zhang WC, Wang DM, Li XM, Bartlam M, Yao XB, Rao ZH. Structure-Functional Analyses of CRHSP-24 Plasticity and Dynamics in Oxidative Stress Response. <i>Journal of Biological Chemistry</i> 2011;286(11):9623-9635.	1	饶子和	5.328
41	Qiao Q, Li Y, Chen Z, Wang MZ, Reinberg D, Xu RM. The Structure of NSD1 Reveals an Autoregulatory Mechanism Underlying Histone H3K36 Methylation. <i>Journal of Biological Chemistry</i> 2011;286(10):8361-8368.	1	许瑞明	5.328
42	Zhang JH, Chen L, Xiao MJ, Wang CH, Qin ZH. FSP1(+) Fibroblasts Promote Skin Carcinogenesis by Maintaining MCP-1-Mediated Macrophage Infiltration and Chronic Inflammation. <i>American Journal of Pathology</i> 2011;178(1):382-390.	1	秦志海	5.224
43	Yang W, Ding XL, Deng JJ, Lu Y, Matsuda Z, Thiel A, Chen JZ, Deng HY, Qin ZH. Interferon-gamma negatively regulates Th17-mediated immunopathology during mouse hepatitis virus infection. <i>Journal of Molecular Medicine-Jmm</i> 2011;89(4):399-409.	1	秦志海, 邓红雨	5.192
44	Zhang NZ, Qi JX, Feng SJ, Gao F, Liu J, Pan XC, Chen R, Li QR, Chen ZS, Li XY, Xia C, Gao GF. Crystal Structure of Swine Major Histocompatibility Complex Class I SLA-1*0401 and Identification of 2009 Pandemic Swine-Origin Influenza A H1N1 Virus Cytotoxic T Lymphocyte Epitope Peptides. <i>Journal of Virology</i> 2011;85(22):11709-11724.	4	Gao GF	5.189
45	Liu J, Dai LP, Qi JX, Gao F, Feng YJ, Liu WJ, Yan JH, Gao GF. Diverse Peptide Presentation of Rhesus Macaque Major Histocompatibility Complex Class I Mamu-A*02 Revealed by Two Peptide Complex Structures and Insights into Immune Escape of Simian Immunodeficiency Virus. <i>Journal of Virology</i> 2011;85(14):7372-7383.	3	Gao GF	5.189
46	Lu GW, Qi JX, Chen ZJ, Xu X, Gao F, Lin DZ, Qian WK, Liu H, Jiang HL, Yan JH, Gao GF. Enterovirus 71 and Coxsackievirus A16 3C Proteases: Binding to Rupintrivir and Their Substrates and Anti-Hand, Foot, and Mouth Disease Virus Drug Design. <i>Journal of Virology</i> 2011;85(19):10319-10331.	4	Gao GF	5.189
47	Li X, Liu J, Qi JX, Gao F, Li QR, Li XY, Zhang NZ, Xia C, Gao GF. Two Distinct Conformations of a Rinderpest Virus Epitope Presented by Bovine Major Histocompatibility Complex Class I N*01801: a Host Strategy To Present Featured Peptides. <i>Journal of Virology</i> 2011;85(12):6038-6048.	4	Gao GF	5.189
48	Sivaraman V, Zhang LG, Su LS. Type I Interferon Contributes to CD4(+) T Cell Depletion Induced by Infection with HIV-1 in the Human Thymus. <i>Journal of Virology</i> 2011;85(17):9243-9246.	3	Su LS	5.189
49	Zhai YJ, Zhang K, Huo YW, Zhu YS, Zhou QJ, Lu JW, Black I,	1	孙飞	5.016

	Pang XY, Roszak AW, Zhang XJ, Isaacs NW, Sun F. Autotransporter passenger domain secretion requires a hydrophobic cavity at the extracellular entrance of the beta-domain pore. <i>Biochemical Journal</i> 2011;435:577-587.			
50	Yu Y, Wang HY, Bai M, Perrett S. Flexibility of the Ure2 prion domain is important for amyloid fibril formation. <i>Biochemical Journal</i> 2011;434:143-151.	1	柯莎	5.016
51	Yu Y, Wang LF, Jiu YM, Zhan Y, Liu L, Xia ZP, Song E, Xu PY, Xu T. HID-1 is a novel player in the regulation of neuropeptide sorting. <i>Biochemical Journal</i> 2011;434:383-390.	1	徐平勇, 徐涛	5.016
52	Wang L, Zhu L, Wang CC. The endoplasmic reticulum sulfhydryl oxidase Ero1 beta drives efficient oxidative protein folding with loose regulation. <i>Biochemical Journal</i> 2011;434:113-121.	1	王志珍	5.016
53	Peng G, Li LH, Liu YB, Pu J, Zhang SY, Yu JH, Zhao JJ, Liu PS. Oleate Blocks Palmitate-Induced Abnormal Lipid Distribution, Endoplasmic Reticulum Expansion and Stress, and Insulin Resistance in Skeletal Muscle. <i>Endocrinology</i> 2011;152(6):2206-2218.	1	刘平生	4.993
54	Ji XL, Liu SQ. Is Stoichiometry-Driven Protein Folding Getting Out of Thermodynamic Control? <i>Journal of Biomolecular Structure &amp; Dynamics</i> 2011;28(4):621-623.	2	Liu SQ	4.986
55	Cao Y, Song L, Miao ZC, Hu Y, Tian LQ, Jiang TJ. Improved side-chain modeling by coupling clash-detection guided iterative search with rotamer relaxation. <i>Bioinformatics</i> 2011;27(6):785-790.	1	蒋太交	4.877
56	Miao ZC, Cao Y, Jiang TJ. RASP: rapid modeling of protein side chain conformations. <i>Bioinformatics</i> 2011;27(22):3117-3122.	1	蒋太交	4.877
57	Duan WJ, Zhou JF, Zhang S, Zhao K, Zhao LJ, Ogata K, Sakaue T, Mori A, Wei TT. ESeroS-GS modulates lipopolysaccharide-induced macrophage activation by impairing the assembly of TLR-4 complexes in lipid rafts. <i>Biochimica Et Biophysica Acta-Molecular Cell Research</i> 2011;1813(5):772-783.	1	卫涛涛	4.733
58	Zhang H, Xu LQ, Perrett S. Studying the effects of chaperones on amyloid fibril formation. <i>Methods</i> 2011;53(3):285-294.	1	柯莎	4.527
59	Zheng CG, Feng J, Lu D, Wang P, Xing S, Coll JL, Yang DL, Yan XY. A Novel Anti-CEACAM5 Monoclonal Antibody, CC4, Suppresses Colorectal Tumor Growth and Enhances NK Cells-Mediated Tumor Immunity. <i>Plos One</i> 2011;6(6).	1	阎锡蕴	4.411
60	Li ZD, Wen JK, Lin YN, Wang SH, Xue P, Zhang ZP, Zhou Y, Wang X, Sui L, Bi LJ, Zhang XE. A Sir2-Like Protein Participates in Mycobacterial NHEJ. <i>Plos One</i> 2011;6(5).	5	毕利军	4.411
61	Wang LF, Zhao F, Li M, Zhang HM, Gao Y, Cao P, Pan XW, Wang ZH, Chang WR. Conformational Changes of rBTI from	1	常文瑞	4.411

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62	Li DF, Zhang N, Hou YJ, Huang Y, Hu YL, Zhang Y, Liu SJ, Wang DC. Crystal Structures of the Transcriptional Repressor RoIR Reveals a Novel Recognition Mechanism between Inducer and Regulator. Plos One 2011;6(5).	1	王大成	4.411
63	Li H, Zhang XL, Bi LJ, He J, Jiang T. Determination of the Crystal Structure and Active Residues of FabV, the Enoyl-ACP Reductase from Xanthomonas oryzae. Plos One 2011;6(10).	1	江涛	4.411
64	Zhang B, Chen BB, Wu T, Tan YL, Qiu SA, Xuan ZY, Zhu XP, Chen RS. Estimating the Quality of Reprogrammed Cells Using ES Cell Differentiation Expression Patterns. Plos One 2011;6(1).	1	陈润生	4.411
65	Zhang JY, Zhang XL, Wu C, Lu DS, Guo G, Mao XH, Zhang Y, Wang DC, Li DF, Zou QM. Expression, Purification and Characterization of Arginase from Helicobacter pylori in Its Apo Form. Plos One 2011;6(10).	2	李德峰	4.411
66	Yan DS, He DD, He SM, Chen XY, Fan Z, Chen RS. Identification and Analysis of Intermediate Size Noncoding RNAs in the Human Fetal Brain. Plos One 2011;6(7).	1	陈润生	4.411
67	Hu Y, Dong XX, Wu AP, Cao Y, Tian LQ, Jiang TJ. Incorporation of Local Structural Preference Potential Improves Fold Recognition. Plos One 2011;6(2).	1	蒋太交	4.411
68	Liu YF, Zhang N, Yao HW, Pan XM, Ge M. Mth10b, a Unique Member of the Sac10b Family, Does Not Bind Nucleic Acid. Plos One 2011;6(5).	2	Liu YF	4.411
69	Dong B, Zhang P, Chen XW, Liu L, Wang YF, He SM, Chen RS. Predicting Housekeeping Genes Based on Fourier Analysis. Plos One 2011;6(6).	1	陈润生	4.411
70	Cao Y, Koh XY, Dong LB, Du XJ, Wu AP, Ding XL, Deng HY, Shu YL, Chen JZ, Jiang TJ. Rapid Estimation of Binding Activity of Influenza Virus Hemagglutinin to Human and Avian Receptors. Plos One 2011;6(4).	1	蒋太交	4.411
71	Dong GY, Xu C, Wang CM, Wu B, Luo J, Zhang H, Nolte DL, Deliberto TJ, Duan MX, Ji GJ, He HX. Reassortant H9N2 Influenza Viruses Containing H5N1-Like PB1 Genes Isolated from Black-Billed Magpies in Southern China. Plos One 2011;6(9).	2	姬广聚	4.411
72	Zhao YJ, Zhang YH, Cao Y, Qi JX, Mao LW, Xue YF, Gao F, Peng H, Wang XW, Gao GF, Ma YH. Structural Analysis of Alkaline beta-Mannanase from Alkaliphilic Bacillus sp N16-5: Implications for Adaptation to Alkaline Conditions. Plos One 2011;6(1).	3	Zhao YJ	4.411
73	Bian CF, Zhang Y, Sun H, Li DF, Wang DC. Structural Basis for	1	李德峰,王	4.411

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74	Gu W, Yang JK, Lou ZY, Liang LM, Sun YN, Huang JW, Li XM, Cao Y, Meng ZH, Zhang KQ. Structural Basis of Enzymatic Activity for the Ferulic Acid Decarboxylase (FADase) from Enterobacter sp Px6-4. Plos One 2011;6(1).	3	Meng ZH, Zhang ZQ	4.411
75	Gao P, Tang Q, An XM, Yan XX, Liang DC. Structure of HsdS Subunit from Thermoanaerobacter tengcongensis Sheds Lights on Mechanism of Dynamic Opening and Closing of Type I Methyltransferase. Plos One 2011;6(3).	1	闫小雪, 梁 栋材	4.411
76	Zhang RZ, Geng YW, Xu Y, Zhang WC, Wang SS, Xiao R. Carbonyl reductase SCRII from Candida parapsilosis catalyzes anti-Prelog reaction to (S)-1-phenyl-1,2-ethanediol with absolute stereochemical selectivity. Bioresource Technology 2011;102(2):483-489.	3	Xu Y	4.365
77	Ma X, Zhu YJ, Li CF, Shang YL, Meng FJ, Chen SL, Miao L. Comparative transcriptome sequencing of germline and somatic tissues of the Ascaris suum gonad. BMC Genomics 2011;12.	1	苗龙	4.206
78	Van DN, Saaranen MJ, Karala AR, Lappi AK, Wang L, Raykhel IB, Alanen HI, Salo KEH, Wang CC, Ruddock LW. Two Endoplasmic Reticulum PDI Peroxidases Increase the Efficiency of the Use of Peroxide during Disulfide Bond Formation. Journal of Molecular Biology 2011;406(3):503-515.	2	Ruddock, LW	4.008
79	Chen LJ, Sawyer EB, Perrett S. The yeast prion protein Ure2: insights into the mechanism of amyloid formation. Biochemical Society Transactions 2011;39:1359-1364.	1	柯莎	3.989
80	Ma M, Bell SG, Yang W, Hao YM, Rees NH, Bartlam M, Zhou WH, Wong LL, Rao ZH. Structural Analysis of CYP101C1 from Novosphingobium aromaticivorans DSM12444. ChemBiochem 2011;12(1):88-99.	2	Bell, SG	3.945
81	Li ZY, Na HM, Peng G, Pu J, Liu PS. Alteration of microRNA expression correlates to fatty acid-mediated insulin resistance in mouse myoblasts. Molecular Biosystems 2011;7(3):871-877.	1	刘平生	3.825
82	Berenguer M, Zhang JZ, Bruce MC, Martinez L, Gonzalez T, Gurtovenko AA, Xu T, Le Marchand-Brustel Y, Govers R. Dimethyl sulfoxide enhances GLUT4 translocation through a reduction in GLUT4 endocytosis in insulin-stimulated 3T3-L1 adipocytes. Biochimie 2011;93(4):697-709.	3	Govers, R	3.787
83	Song XM, Zhang M, Zhou ZC, Gong WM. Ultra-high resolution crystal structure of a dimeric defensin SPE10. FEBS Letters 2011;585(2):300-306.	1	龚为民	3.601
84	Gui WJ, Qu QH, Chen YY, Wang M, Zhang XE, Bi LJ, Jiang T. Crystal structure of YdaL, a stand-alone small MutS-related protein from Escherichia coli. Journal of Structural Biology	1	毕利军, 江 涛	3.497



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85	Li M, Xu GL, Sorzano COS, Sun F, Bajaj CL. Single-particle reconstruction using L(2)-gradient flow. <i>Journal of Structural Biology</i> 2011;176(3):259-267.	2	Xu GL	3.497
86	Wang YQ, Bongiovanni M, Gras SL, Perrett S. The fibrils of Ure2p homologs from <i>Saccharomyces cerevisiae</i> and <i>Saccharomyces paradoxus</i> have similar cross-beta structure in both dried and hydrated forms. <i>Journal of Structural Biology</i> 2011;174(3):505-511.	2	柯莎	3.497
87	Fan JP, Huang B, Wang XP, Zhang XJC. Thermal precipitation fluorescence assay for protein stability screening. <i>Journal of Structural Biology</i> 2011;175(3):465-468.	1	王先平	3.497
88	Hou QL, Jiang HQ, Zhang X, Guo C, Huang B, Wang P, Wang TP, Wu KY, Li JA, Gong ZF, Du LB, Liu Y, Liu L, Chen C. Nitric oxide metabolism controlled by formaldehyde dehydrogenase (fdh, homolog of mammalian GSNOR) plays a crucial role in visual pattern memory in <i>Drosophila</i> . <i>Nitric Oxide-Biology and Chemistry</i> 2011;24(1):17-24.	1	刘力, 陈畅	3.384
89	Feng JH, Zhao J, Hao FH, Chen C, Bhakoo K, Tang HR. NMR-based metabolomic analyses of the effects of ultrasmall superparamagnetic particles of iron oxide (USPIO) on macrophage metabolism. <i>Journal of Nanoparticle Research</i> 2011;13(5):2049-2062.	2	Tang HR	3.25
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