

2012 年实验室发表论文

序号	发表文章	影 响 因 子	第 几 单 位	通 讯 作 者
1	Li M, Liu GH, Belmonte JCI. Navigating the epigenetic landscape of pluripotent stem cells. <i>Nature Reviews Molecular Cell Biology</i> 2012;13(8):524-535.	39.1	2	Belmonte JC
2	Liu GH, Qu J, Suzuki K, Nivet E, Li M, Montserrat N, Yi F, Xu XL, Ruiz S, Zhang WQ, Wagner U, Kim A, Ren B, Li Y, Goebel A, Kim J, Soligalla RD, Dubova I, Thompson J, Yates J, Esteban CR, Sancho-Martinez I, Belmonte JCI. Progressive degeneration of human neural stem cells caused by pathogenic LRRK2. <i>Nature</i> 2012;491(7425):603-607.	36.3	1	刘光慧
3	Truman AW, Kristjansdottir K, Wolfgeher D, Hasin N, Polier S, Zhang H, Perrett S, Prodromou C, Jones GW, Kron SJ. CDK-Dependent Hsp70 Phosphorylation Controls G1 Cyclin Abundance and Cell-Cycle Progression. <i>Cell</i> 2012;151(6):1308-1318.	32.4	5	S. Kron
4	Hu JZ, Sun L, Shen FF, Chen YF, Hua Y, Liu Y, Zhang M, Hu YR, Wang QS, Xu W, Sun F, Ji JG, Murray JM, Carr AM, Kong DC. The Intra-S Phase Checkpoint Targets Dna2 to Prevent Stalled Replication Forks from Reversing. <i>Cell</i> 2012;149(6):1221-1232.	32.4	2	Kong D
5	Fan KL, Cao CQ, Pan YX, Lu D, Yang DL, Feng J, Song LN, Liang MM, Yan XY. Magnetoferritin nanoparticles for targeting and visualizing tumour tissues. <i>Nature Nanotechnology</i> 2012;7(7):459-464.	27.3	1	阎锡蕴, 梁敏敏
6	Ouyang SY, Song XQ, Wang YY, Ru H, Shaw N, Jiang Y, Niu FF, Zhu YP, Qiu WC, Parvatiyar K, Li Y, Zhang RG, Cheng GH, Liu ZJ. Structural Analysis of the STING Adaptor Protein Reveals a Hydrophobic Dimer Interface and Mode of Cyclic di-GMP Binding. <i>Immunity</i> 2012;36(6):1073-1086.	21.6	1	刘志杰, 海外团队
7	Liu L, Feng D, Chen G, Chen M, Zheng QX, Song PP, Ma Q, Zhu CZ, Wang R, Qi WJ, Huang L, Xue P, Li BW, Wang XH, Jin HJ, Wang J, Yang FQ, Liu PS, Zhu YS, Sui SF, Chen Q. Mitochondrial outer-membrane protein FUNDC1 mediates hypoxia-induced mitophagy in mammalian cells. <i>Nature Cell Biology</i> 2012;14(2):177-185.	19.5	6	陈隼
8	Zhang MS, Chang H, Zhang YD, Yu JW, Wu LJ, Ji W,	19.3	1	徐平勇,

	Chen JJ, Liu B, Lu JZ, Liu YF, Zhang JL, Xu PY, Xu T. Rational design of true monomeric and bright photoactivatable fluorescent proteins. <i>Nature Methods</i> 2012;9(7):727-U297.			徐涛
9	Liu GH, Ding ZC, Belmonte JCI. iPSC technology to study human aging and aging-related disorders. <i>Current Opinion in Cell Biology</i> 2012;24(6):765-774.	12.9	1	刘光慧
10	Wang L, Yang F, Zhang DJ, Chen Z, Xu RM, Nierhaus KH, Gong WM, Qin Y. A conserved proline switch on the ribosome facilitates the recruitment and binding of trGTPases. <i>Nature Structural & Molecular Biology</i> 2012;19(4):403-410.	12.7	1	秦燕
11	Wang XX, Peng W, Ren JS, Hu ZY, Xu JW, Lou ZY, Li XM, Yin WD, Shen XL, Porta C, Walter TS, Evans G, Axford D, Owens R, Rowlands DJ, Wang JZ, Stuart DI, Fry EE, Rao ZH. A sensor-adaptor mechanism for enterovirus uncoating from structures of EV71. <i>Nature Structural & Molecular Biology</i> 2012;19(4):424-429.	12.7	1	饶子和
12	Liu CP, Xiong CY, Wang MZ, Yu ZL, Yang N, Chen P, Zhang ZG, Li GH, Xu RM. Structure of the variant histone H3.3-H4 heterodimer in complex with its chaperone DAXX. <i>Nature Structural & Molecular Biology</i> 2012;19(12):1287-1293	12.7	1	许瑞明、李国红
13	Chen SD, Xu YH, Zhang K, Wang XL, Sun J, Gao GX, Liu YF. Structure of N-terminal domain of ZAP indicates how a zinc-finger protein recognizes complex RNA. <i>Nature Structural & Molecular Biology</i> 2012;19(4):430-435.	12.7	1	刘迎芳, 高光侠
14	Ru H, Zhao LX, Ding W, Jiao LY, Shaw N, Liang WG, Zhang LG, Hung LW, Matsugaki N, Wakatsuki S, Liu ZJ. S-SAD phasing study of death receptor 6 and its solution conformation revealed by SAXS. <i>Acta Crystallographica Section D-Biological Crystallography</i> 2012;68:521-530.	12.6	1	刘志杰
15	Zhan ZY, Ouyang SY, Liang WG, Zhang ZF, Liu ZJ, Huang L. Structural and functional characterization of the C-terminal catalytic domain of SSV1 integrase. <i>Acta Crystallographica Section D-Biological Crystallography</i> 2012;68:659-670.	12.6	2	刘志杰
16	Qiu Y, Liu L, Zhao C, Han CC, Li FD, Zhang JH, Wang Y, Li GH, Mei YD, Wu MA, Wu JH, Shi YY. Combinatorial readout of unmodified H3R2 and acetylated H3K14 by the tandem PHD finger of MOZ reveals a regulatory mechanism for HOXA9 transcription. <i>Genes & Development</i> 2012;26(12):1376-1391.	11.7	3	施蕴渝

17	Kang YY, Zhao DF, Liang HH, Liu B, Zhang Y, Liu QW, Wang XC, Liu YF. Structural study of TTR-52 reveals the mechanism by which a bridging molecule mediates apoptotic cell engulfment. <i>Genes & Development</i> 2012;26(12):1339-1350.	11.7	1	刘迎芳
18	Wang J, Fang XC, Liang W. Pegylated Phospholipid Micelles Induce Endoplasmic Reticulum-Dependent Apoptosis of Cancer Cells but not Normal Cells. <i>Acs Nano</i> 2012;6(6):5018-5030.	10.8	1	梁伟
19	Chen Y, Wang Y, Zhang JZ, Deng YQ, Jiang L, Song E, Wu XFS, Hammer JA, Xu T, Lippincott-Schwartz J. Rab10 and myosin-Va mediate insulin-stimulated GLUT4 storage vesicle translocation in adipocytes. <i>Journal of Cell Biology</i> 2012;198(4):545-560.	10.3	1	徐涛
20	Li W, Zou W, Yang YH, Chai YP, Chen BH, Cheng SY, Tian D, Wang XC, Vale RD, Ou GS. Autophagy genes function sequentially to promote apoptotic cell corpse degradation in the engulfing cell. <i>Journal of Cell Biology</i> 2012;197(1):27-35.	10.3	1	欧光朔
21	Chai YP, Li W, Feng GX, Yang YH, Wang XM, Ou GS. Live imaging of cellular dynamics during <i>Caenorhabditis elegans</i> postembryonic development. <i>Nature Protocols</i> 2012;7(12):2090-2102.	9.9	1	欧光朔
22	Ding Y, Zhang S, Yang L, Na H, Zhang P, Zhang H, Wang Y, Chen Y, Yu J, Huo C, Xu S, Garaiova M, Cong Y, Liu P. Isolating lipid droplets from multiple species. <i>Nat Protoc</i> 2012; 8(1):43-51.	9.9	1	刘平生
23	Jiang TX, Zhuang J, Duan HX, Luo YT, Zeng QQ, Fan KL, Yan HW, Lu D, Ye Z, Hao JF, Feng J, Yang DL, Yan XY. CD146 is a coreceptor for VEGFR-2 in tumor angiogenesis. <i>Blood</i> 2012;120(11):2330-2339.	9.9	1	阎锡蕴
24	Chang H, Zhang MS, Ji W, Chen JJ, Zhang YD, Liu B, Lu JZ, Zhang JL, Xu PY, Xu T. A unique series of reversibly switchable fluorescent proteins with beneficial properties for various applications. <i>Proceedings of the National Academy of Sciences of the United States of America</i> 2012;109(12):4455-4460.	9.7	1	徐涛, 徐平勇
25	Zeng QQ, Li WD, Lu D, Wu ZZ, Duan HX, Luo YT, Feng J, Yang DL, Fu L, Yan XY. CD146, an epithelial-mesenchymal transition inducer, is associated with triple-negative breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> 2012;109(4):1127-1132.	9.7	1	阎锡蕴
26	Guo Y, Wang WM, Ji W, Deng MP, Sun YN, Zhou HG,	9.7	5	饶子和

	Yang C, Deng F, Wang HL, Hu ZH, Lou ZY, Rao ZH. Crimean-Congo hemorrhagic fever virus nucleoprotein reveals endonuclease activity in bunyaviruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> 2012;109(13):5046-5051.			
27	Yang CW, Jia G, Liu HR, Zhang K, Liu GQ, Sun F, Zhu P, Cheng LP. Cryo-EM structure of a transcribing cypovirus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> 2012;109(16):6118-6123.	9.7	1	朱平, 程凌鹏
28	Yang N, Wang WX, Wang Y, Wang MZ, Zhao Q, Rao ZH, Zhu B, Xu RM. Distinct mode of methylated lysine-4 of histone H3 recognition by tandem tudor-like domains of Spindlin1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> 2012;109(44):17954-17959.	9.7	1	许瑞明
29	Lin PC, Xu RM. Structure and assembly of the SF3a splicing factor complex of U2 snRNP. <i>Embo Journal</i> 2012;31(6):1579-1590.	9.2	2	许瑞明
30	Yang ZL, Liang HH, Zhou Q, Li Y, Chen HW, Ye W, Chen DY, Fleming J, Shu HB, Liu YF. Crystal structure of ISG54 reveals a novel RNA binding structure and potential functional mechanisms. <i>Cell Research</i> 2012;22(9):1328-1338.	8.2	1	刘迎芳
31	Yan LM, Ma YY, Liu D, Wei XC, Sun YN, Chen XY, Zhao HD, Zhou JW, Wang ZY, Shui WQ, Lou ZY. Structural basis for the impact of phosphorylation on the activation of plant receptor-like kinase BAK1. <i>Cell Research</i> 2012;22(8):1304-1308.	8.2	4	娄智勇
32	Zhang DD, Liu GQ, Xue JY, Lou JZ, Nierhaus KH, Gong WM, Qin Y. Common chaperone activity in the G-domain of trGTPase protects L11-L12 interaction on the ribosome. <i>Nucleic Acids Research</i> 2012;40(21):10851-10865.	8.0	1	秦燕, 龚为民
33	Tang Q, Gao P, Liu YP, Gao A, An XM, Liu S, Yan XX, Liang DC. RecOR complex including RecR N-N dimer and RecO monomer displays a high affinity for ssDNA. <i>Nucleic Acids Research</i> 2012;40(21):11115-11125.	8.0	1	梁栋材, 闫小雪
34	Bu DC, Yu KT, Sun SL, Xie CY, Skogerbo G, Miao RY, Xiao H, Liao Q, Luo HT, Zhao GG, Zhao HT, Liu ZY, Liu CN, Chen RS, Zhao Y. NONCODE v3.0: integrative annotation of long noncoding RNAs. <i>Nucleic Acids Research</i> 2012;40(D1):D210-D215.	8.0	3	陈润生
35	Xu JW, Peng W, Sun Y, Wang XX, Xu YH, Li XM, Gao GX, Rao ZH. Structural study of MCP1P1 N-terminal	8.0	1	饶子和

	conserved domain reveals a PIN-like RNase. <i>Nucleic Acids Research</i> 2012;40(14):6957-6965.			
36	Zhang K, Yi F, Liu GH, Belmonte JC. New march towards the regeneration of sensation and cognition: hear more, see more and learn more. <i>J Mol Cell Biol.</i> 2012; in press.	7.7	2	刘光慧
37	Cai N, Li M, Qu J, Liu GH, Belmonte JCI. Post-translational modulation of pluripotency. <i>Journal of Molecular Cell Biology</i> 2012;4(4):262-265.	7.7	1	刘光慧
38	Zhang P, Reichardt A, Liang HH, Aliyari R, Cheng D, Wang YY, Xu F, Cheng GH, Liu YF. Single Amino Acid Substitutions Confer the Antiviral Activity of the TRAF3 Adaptor Protein onto TRAF5. <i>Science Signaling</i> 2012;5(250).	7.5	1	刘迎芳, 海外团队
39	Liang QQ, Yang PG, Tian E, Han JH, Zhang H. The <i>C. elegans</i> ATG101 homolog EPG-9 directly interacts with EPG-1/Atg13 and is essential for autophagy. <i>Autophagy</i> 2012;8(10):1426-1433.	7.5	2	张宏
40	Zhou HJ, Zhao K, Li W, Yang N, Liu Y, Chen CY, Wei TT. The interactions between pristine graphene and macrophages and the production of cytokines/chemokines via TLR- and NF-kappa B-related signaling pathways. <i>Biomaterials</i> 2012;33(29):6933-6942.	7.4	1	卫涛涛
41	Li Y, Liu Y, Fu YJ, Wei TT, Le Guyader L, Gao G, Liu RS, Chang YZ, Chen CY. The triggering of apoptosis in macrophages by pristine graphene through the MAPK and TGF-beta signaling pathways. <i>Biomaterials</i> 2012;33(2):402-411.	7.4	3	陈春英
42	Zhang P, Na HM, Liu ZL, Zhang SY, Xue P, Chen Y, Pu J, Peng G, Huang X, Yang FQ, Xie ZS, Xu T, Xu PY, Ou GS, Zhang SBO, Liu PS. Proteomic Study and Marker Protein Identification of <i>Caenorhabditis elegans</i> Lipid Droplets. <i>Molecular & Cellular Proteomics</i> 2012;11(8):317-328.	7.4	1	刘平生
43	Li ZY, Li YD, Yi YL, Huang WM, Yang S, Niu WP, Zhang L, Xu ZJ, Qu AL, Wu ZX, Xu T. Dissecting a central flip-flop circuit that integrates contradictory sensory cues in <i>C. elegans</i> feeding regulation. <i>Nature Communications</i> 2012;3.	7.4	2	徐涛
44	Luo Y, Zheng C, Zhang J, Lu D, Zhuang J, Xing S, Feng J, Yang D, Yan X. Recognition of CD146 as an ERM-binding protein offers novel mechanisms for melanoma cell migration. <i>Oncogene</i> 2012;31(3):306-321.	6.4	1	阎锡蕴
45	Huo L, Yue Y, Ren JQ, Yu J, Liu JL, Yu Y, Ye F, Xu T, Zhang MJ, Feng W. The CC1-FHA Tandem as a Central	6.3	1	冯巍

	Hub for Controlling the Dimerization and Activation of Kinesin-3 KIF1A. <i>Structure</i> 2012;20(9):1550-1561.			
46	Yang J, Ge M, Pan XM. A time lag insensitive approach for estimating HIV-1 transmission direction. <i>Aids</i> 2012;26(8):921-928.	6.2	2	潘宪明
47	Liu CH, Miller H, Orłowski G, Hang HY, Upadhyaya A, Song WX. Actin Reorganization Is Required for the Formation of Polarized B Cell Receptor Signalosomes in Response to Both Soluble and Membrane-Associated Antigens. <i>Journal of Immunology</i> 2012;188(7):3237-3246.	5.8	3	Chen C
48	Liu J, Qian XM, Chen ZJ, Xu X, Gao F, Zhang SJ, Zhang RG, Qi JX, Gao GF, Yan JH. Crystal Structure of Cell Adhesion Molecule Nectin-2/CD112 and Its Binding to Immune Receptor DNAM-1/CD226. <i>Journal of Immunology</i> 2012;188(11):5511-5520.	5.8	5	Song W
49	Wang L, Zhang K, Wu LF, Liu SW, Zhang HL, Zhou QJ, Tong L, Sun F, Fan ZS. Structural Insights into the Substrate Specificity of Human Granzyme H: The Functional Roles of a Novel RKR Motif. <i>Journal of Immunology</i> 2012;188(2):765-773.	5.8	1	范祖森, 孙飞
50	Tong Q, Wang F, Zhou HZ, Sun HL, Song H, Shu YY, Gong Y, Zhang WT, Cai TX, Yang FQ, Tang J, Jiang T. Structural and functional insights into lipid-bound nerve growth factors. <i>FASEB J.</i> 2012 26(9):3811-21.	5.7	1	江涛
51	Jiang L, Duan DM, Shen Y, Li J. Direct microRNA detection with universal tagged probe and time-resolved fluorescence technology. <i>Biosensors & Bioelectronics</i> 2012;34(1):291-295.	5.6	2	Li J
52	Ding Y, Yang L, Zhang S, Wang Y, Du Y, Pu J, Peng G, Chen Y, Zhang H, Yu J, Hang H, Wu P, Yang F, Yang H, Steinbuechel A, Liu P. Identification of the major functional proteins of prokaryotic lipid droplets. <i>Journal of lipid research</i> 2012, 53(3):399-411.	5.6	1	刘平生
53	Zhao K, Zhou HJ, Zhao XY, Wolff DW, Tu YP, Liu HL, Wei TT, Yang FY. Phosphatidic acid mediates the targeting of tBid to induce lysosomal membrane permeabilization and apoptosis. <i>Journal of Lipid Research</i> 2012;53(10):2102-2114.	5.6	1	杨福愉, 卫涛涛
54	Yang L, Ding YF, Chen Y, Zhang SY, Huo CX, Wang Y, Yu JH, Zhang P, Na HM, Zhang HN, Ma YB, Liu PS. The proteomics of lipid droplets: structure, dynamics, and functions of the organelle conserved from bacteria to humans. <i>Journal of Lipid Research</i> 2012;53(7):1245-1253.	5.6	1	刘平生
55	Wolff DW, Xie Y, Deng CS, Gatalica Z, Yang MJ, Wang	5.4	3	屠亚平

	B, Wang JC, Lin MF, Abel PW, Tu YP. Epigenetic repression of regulator of G-protein signaling 2 promotes androgen-independent prostate cancer cell growth. <i>International Journal of Cancer</i> 2012;130(7):1521-1531.			
56	Cao CC, Dong XY, Wu XB, Wen BY, Ji G, Cheng LP, Liu HR. Conserved Fiber-Penton Base Interaction Revealed by Nearly Atomic Resolution Cryo-Electron Microscopy of the Structure of Adenovirus Provides Insight into Receptor Interaction. <i>Journal of Virology</i> 2012;86(22):12322-12329.	5.4	3	程凌鹏
57	Yang LF, Song YF, Li XM, Huang XX, Liu JJ, Ding H, Zhu P, Zhou P. HIV-1 Virus-Like Particles Produced by Stably Transfected Drosophila S2 Cells: a Desirable Vaccine Component. <i>Journal of Virology</i> 2012;86(14):7662-7676.	5.4	2	zhou P
58	Guo ZG, Song E, Ma SC, Wang XR, Gao SJ, Shao C, Hu SQ, Jia LL, Tian R, Xu T, Gao YH. Proteomics Strategy to Identify Substrates of LNX, a PDZ Domain-containing E3 Ubiquitin Ligase. <i>Journal of Proteome Research</i> 2012;11(10):4847-4862.	5.1	2	Eli Song
59	Qiu Y, Zhang W, Zhao C, Wang Y, Wang WW, Zhang JH, Zhang ZY, Li GH, Shi YY, Tu XM, Wu JH. Solution structure of the Pdp1 PWWP domain reveals its unique binding sites for methylated H4K20 and DNA. <i>Biochemical Journal</i> 2012;442:527-538.	4.9	2	Wu J
60	Wang X, Wang LK, Sun F, Wang CC. Structural insights into the peroxidase activity and inactivation of human peroxiredoxin 4. <i>Biochemical Journal</i> 2012;441:113-118.	4.9	1	孙飞, 王志珍
61	Zheng P, Zhong Q, Xiong Q, Yang MK, Zhang J, Li CY, Bi LJ, Ge F. QUICK identification and SPR validation of signal transducers and activators of transcription 3 (Stat3) interacting proteins. <i>Journal of Proteomics</i> 2012;75(3):1055-1066.	4.9	3	毕利军
62	Zhuang J, Fan KL, Gao LZ, Lu D, Feng J, Yang DL, Gu N, Zhang Y, Liang MM, Yan XY. Ex Vivo Detection of Iron Oxide Magnetic Nanoparticles in Mice Using Their Intrinsic Peroxidase-Mimicking Activity. <i>Molecular Pharmaceutics</i> 2012;9(7):1983-1989.	4.8	1	梁敏敏, 阎锡蕴
63	Yu C, Lou JZ, Wu JJ, Pan LF, Feng W, Zhang MJ. Membrane-induced Lever Arm Expansion Allows Myosin VI to Walk with Large and Variable Step Sizes. <i>Journal of Biological Chemistry</i> 2012;287(42):35021-35035.	4.8	2	冯巍
64	Wu F, Li YP, Wang FX, Noda NN, Zhang H. Differential Function of the Two Atg4 Homologues in the Aggrephagy	4.8	2	张宏

	Pathway in <i>Caenorhabditis elegans</i> . <i>Journal of Biological Chemistry</i> 2012;287(35):29457-29467.			
65	Wang C, Yu J, Huo L, Wang L, Feng W, Wang CC. Human Protein-disulfide Isomerase Is a Redox-regulated Chaperone Activated by Oxidation of Domain a'. <i>Journal of Biological Chemistry</i> 2012;287(2):1139-1149.	4.8	1	冯巍, 王志珍
66	Bai M, Pang XY, Lou JZ, Zhou QJ, Zhang K, Ma J, Li J, Sun F, Hsu VW. Mechanistic Insights into Regulated Cargo Binding by ACAP1 Protein. <i>Journal of Biological Chemistry</i> 2012;287(34):28675-28685.	4.8	2	孙飞
67	Gong WB, Zhou T, Mo JJ, Perrett S, Wang JF, Feng YG. Structural Insight into Recognition of Methylated Histone Tails by Retinoblastoma-binding Protein 1. <i>Journal of Biological Chemistry</i> 2012;287(11):8531-8540.	4.8	1	王金凤, 冯银刚
68	Ding JJ, Wang W, Feng H, Zhang Y, Wang DC. Structural Insights into the <i>Pseudomonas aeruginosa</i> Type VI Virulence Effector Tse1 Bacteriolysis and Self-protection Mechanisms. <i>Journal of Biological Chemistry</i> 2012;287(32):26911-26920.	4.8	1	王大成
69	Hua T, Wu D, Ding W, Wang JY, Shaw N, Liu ZJ. Studies of Human 2,4-Dienoyl CoA Reductase Shed New Light on Peroxisomal beta-Oxidation of Unsaturated Fatty Acids. <i>Journal of Biological Chemistry</i> 2012;287(34):28956-28965.	4.8	1	Neil Shaw, 刘志杰
70	Ouyang SY, Gong B, Li JZ, Zhao LX, Wu W, Zhang FS, Sun LN, Wang SJ, Pan M, Li C, Liang WG, Shaw N, Zheng J, Zhao GP, Wang Y, Liu ZJ, Liang MF. Structural insights into a human anti-IFN antibody exerting therapeutic potential for systemic lupus erythematosus. <i>Journal of Molecular Medicine-Imm</i> 2012;90(7):837-846.	4.7	1	刘志杰
71	Li WE, Chen WW, Ma YF, Tuo QR, Luo XJ, Zhang T, Sai WB, Liu J, Shen JH, Liu ZG, Zheng YM, Wang YX, Ji GJ, Liu QH. Methods to measure and analyze ciliary beat activity: Ca ²⁺ influx-mediated cilia mechanosensitivity. <i>Pflugers Archiv-European Journal of Physiology</i> 2012;464(6):671-680.	4.5	2	姬广聚
72	Jiang JJ, Han PC, Zhang QZ, Zhao JM, Ma Y. Cardiac differentiation of human pluripotent stem cells. <i>Journal of Cellular and Molecular Medicine</i> 2012;16(8):1663-1668.	4.1	1	马跃
73	Wei XL, Wang YG, Zeng WF, Huang F, Qin L, Zhang CL, Liang W. Stability Influences the Biodistribution, Toxicity, and Anti-tumor Activity of Doxorubicin Encapsulated in PEG-PE Micelles in Mice. <i>Pharmaceutical Research</i> 2012;29(7):1977-1989.	4.1	1	梁伟, 张春玲

74	Zhai K, Hubert F, Nicolas V, Ji GJ, Fischmeister R, Leblais V. beta-Adrenergic cAMP Signals Are Predominantly Regulated by Phosphodiesterase Type 4 in Cultured Adult Rat Aortic Smooth Muscle Cells. <i>Plos One</i> 2012;7(10).	4.1	2	姬广聚
75	Liu K, Guo YH, Liu HP, Bian CB, Lam R, Liu YS, Mackenzie F, Rojas LA, Reinberg D, Bedford MT, Xu RM, Min JR. Crystal Structure of TDRD3 and Methyl-Arginine Binding Characterization of TDRD3, SMN and SPF30. <i>Plos One</i> 2012;7(2).	4.1	3	许瑞明
76	Gao MM, Li DF, Hu YL, Zhang Y, Zou QM, Wang DC. Crystal Structure of TNF-alpha-Inducing Protein from Helicobacter Pylori in Active Form Reveals the Intrinsic Molecular Flexibility for Unique DNA-Binding. <i>Plos One</i> 2012;7(7).	4.1	1	王大成
77	Liu XQ, He SM, Skogerbo G, Gong FZ, Chen RS. Integrated Sequence-Structure Motifs Suffice to Identify microRNA Precursors. <i>Plos One</i> 2012;7(3).	4.1	3	陈润生
78	Liu YF, Zhang N, Liu X, Wang XQ, Wang ZX, Chen YY, Yao HW, Ge M, Pan XM. Molecular Mechanism Underlying the Interaction of Typical Sac10b Family Proteins with DNA. <i>Plos One</i> 2012;7(4).	4.1	2	Meng Ge
79	Xie Q, Wang YH, Lin JZ, Qin Y, Wang Y, Bu WJ. Potential Key Bases of Ribosomal RNA to Kingdom-Specific Spectra of Antibiotic Susceptibility and the Possible Archaeal Origin of Eukaryotes. <i>Plos One</i> 2012;7(1).	4.1	2	Bu Wenjun
80	Li L, Chang SH, Xiang JF, Li Q, Liang HH, Tang YL, Liu YF. Screen Anti-influenza Lead Compounds That Target the PA(C) Subunit of H5N1 Viral RNA Polymerase. <i>Plos One</i> 2012;7(8).	4.1	2	刘迎芳
81	Zheng SD, Wang J, Feng YG, Wang JF, Ye KQ. Solution Structure of MSL2 CXC Domain Reveals an Unusual Zn(3)Cys(9) Cluster and Similarity to Pre-SET Domains of Histone Lysine Methyltransferases. <i>Plos One</i> 2012;7(9).	4.1	4	叶克穷
82	Cheng CY, Shaw N, Zhang XJ, Zhang M, Ding W, Wang BC, Liu ZJ. Structural View of a Non Pfam Singleton and Crystal Packing Analysis. <i>Plos One</i> 2012;7(2).	4.1	1	刘志杰
83	Li T, Zhao KX, Huang V, Li DF, Jiang CY, Zhou N, Fan Z, Liu SJ. The TetR-Type Transcriptional Repressor RolR from Corynebacterium glutamicum Regulates Resorcinol Catabolism by Binding to a Unique Operator, roIO. <i>Applied and Environmental Microbiology</i> 2012;78(17):6009-6016.	3.8	3	Liu SJ

84	Qu Y, Bi LJ, Ji XL, Deng ZL, Zhang HT, Yan YF, Wang M, Li AQ, Huang XX, Yang RF, Han YP. Identification by cDNA cloning of abundant sRNAs in a human-avirulent <i>Yersinia pestis</i> strain grown under five different growth conditions. <i>Future Microbiology</i> 2012;7(4):535-547.	3.8	2	Han Y
85	Sawyer EB, Claessen D, Gras SL, Perrett S. Exploiting amyloid: how and why bacteria use cross-beta fibrils. <i>Biochemical Society Transactions</i> 2012;40:728-734.	3.7	1	柯莎
86	Feng YG, Geng Y, Zhou T, Wang JF. NMR structure note: human esophageal cancer-related gene 2. <i>Journal of Biomolecular Nmr</i> 2012;53(1):65-70.	3.6	1	王金凤
87	Yao HW, Feng YG, Zhou T, Wang JF, Wang ZX. NMR Studies of the Interaction between Human Programmed Cell Death 5 and Human p53. <i>Biochemistry</i> 2012;51(13):2684-2693.	3.4	2	王金凤
88	Mou XN, Wu YB, Cao HH, Meng QZ, Wang QH, Sun CC, Hu SS, Ma Y, Zhang H. Generation of disease-specific induced pluripotent stem cells from patients with different karyotypes of Down syndrome. <i>Stem Cell Research & Therapy</i> 2012;3(14):2~14.	3.2	1	马跃
89	Xuan JS, Feng YG. The Archaeal Sac10b Protein Family: Conserved Proteins with Divergent Functions. <i>Current Protein & Peptide Science</i> 2012;13(3):258-266.	2.9	2	宣劲松
90	Zhang X, Huang B, Chen C. SNO spectral counting (SNOSC), a label-free proteomic method for quantification of changes in levels of protein S-nitrosation. <i>Free Radical Research</i> 2012;46(8):1044-1050.	2.9	1	陈畅
91	Ryanodine receptors are involved in nuclear	2.5	1	姬广聚
92	Feng WJ, Liang T, Yu JW, Zhou W, Zhang YD, Wu ZX, Xu T. RAB-27 and its effector RBF-1 regulate the tethering and docking steps of DCV exocytosis in <i>C. elegans</i> . <i>Science China-Life Sciences</i> 2012;55(3):228-235.	2.0	2	徐涛
93	Wong KL, Li H, Wong KKK, Jiang T, Shaw PC. Location and Reduction of Icarapin Antigenicity by Site Specific Coupling to Polyethylene Glycol. <i>Protein and Peptide Letters</i> 2012;19(2):238-243.	1.9	2	PC Shaw
94	Fei XW, Gu X, Fan SL, Yang ZX, Li F, Zhang C, Gong WM, Mao YM, Ji CN. Crystal Structure of Human ASB9-2 and Substrate-Recognition of CKB. <i>Protein Journal</i> 2012;31(4):275-284.	1.0	2	季朝能
95	Li L, Chang SH, Xiang JF, Li Q, Liang HH, Tang YL, Liu YF. NMR identification of anti-influenza lead compound targeting at PA(C) subunit of H5N1 polymerase. <i>Chinese</i>	1.0	2	刘迎芳

	<i>Chemical Letters</i> 2012;23(1):89-92.			
96	Yang S, Teng Y, Xu PY. A Novel Fluorescent Protein Pair for Dual-color Two-photon Laser Scanning Microscopy. <i>Progress in Biochemistry and Biophysics</i> 2012;39(10):1012-1016.	0.6	1	徐平勇
97	Shen XH, Hu YL, Wang DC. A Novel Substitution of The Heme-binding Residue Histidine-245 by Histidine-249 in Heme Oxygenase HUGZ. <i>Progress in Biochemistry and Biophysics</i> 2012;39(9):871-876.	0.6	1	王大成
98	An YH, Zhang HF, Sun M, Zhang J, Chen XQ, Chen D, Lu D, Feng J, Yang DL, Song LN, Yan XY. sTn is a Novel Biomarker for Type I Endometrial Carcinoma. <i>Progress in Biochemistry and Biophysics</i> 2012;39(6):548-555.	0.6	1	阎锡蕴
99	Wang W, Ding JJ, Wang DC. Three Dimensional Structure of Pseudomonas aeruginosa Tsi2: a Novel Species-specific Antitoxin-like Protein With Coiled Coil Conformation. <i>Progress in Biochemistry and Biophysics</i> 2012;39(7):640-646.	0.6	1	DING Jing-Jin, 王大成
100	Feng WJ, Zhou W, Zhang YD, Wu ZX, Xu T. UNC-10 Regulates The Docking Step of DCV Exocytosis in C. elegans. <i>Progress in Biochemistry and Biophysics</i> 2012;39(6):556-562.	0.6	2	徐涛
101	Dong WJ, Zhou YJ, Liang W. Lipid-based siRNA Delivery Systems. <i>Progress in Biochemistry and Biophysics</i> 2012;39(5):396-401.	0.6	1	梁伟
102	Liu JL, Feng L, Shi YW, Feng W. Crystallization and preliminary X-ray diffraction analysis of alanine racemase from Pseudomonas putida YZ-26. <i>Acta Crystallographica Section F-Structural Biology and Crystallization Communications</i> 2012;68:1240-1242.	0.5	2	冯巍
103	Gao J, Ma YY, Sun YN, Zhao HD, Hong DP, Yan LM, Lou ZY. Crystallization and preliminary crystallographic analysis of Arabidopsis thaliana BRI1-associated kinase 1 (BAK1) cytoplasmic domain. <i>Acta Crystallographica Section F-Structural Biology and Crystallization Communications</i> 2012;68:340-342.	0.5	3	娄智勇
104	Wang XY, Ding JJ, Wang DC. Crystallization and preliminary X-ray analysis of the C-terminal domain of CCM2, part of a novel adaptor protein involved in cerebral cavernous malformations. <i>Acta Crystallographica Section F-Structural Biology and Crystallization Communications</i> 2012;68:683-686.	0.5	1	王大成
105	Lu SS, Yao SG, Chen R, Zhang NZ, Chen JM, Gao F, Xia	0.5	2	Xia Chun

	C. Expression, purification, crystallization and preliminary X-ray diffraction analysis of nurse shark beta(2)-microglobulin. <i>Acta Crystallographica Section F-Structural Biology and Crystallization Communications</i> 2012;68:460-463.			
106	Yu K, Ming ZH, Li YY, Chen C, Bao ZH, Ren ZL, Liu BF, Tao W, Rao ZH, Lou ZY. Purification, crystallization and preliminary X-ray analysis of nonstructural protein 2 (nsp2) from avian infectious bronchitis virus. <i>Acta Crystallographica Section F-Structural Biology and Crystallization Communications</i> 2012;68:716-719.	0.5	2	娄智勇
107	Chen XY, Xu XH, Sun YN, Zhou JW, Ma YY, Yan LM, Lou ZY. Purification, crystallization and preliminary X-ray crystallographic analysis of Arabidopsis thaliana dynamin-related protein 1A GTPase-GED fusion protein. <i>Acta Crystallographica Section F-Structural Biology and Crystallization Communications</i> 2012;68:69-72.	0.5	3	娄智勇
108	Wang QH, Mou XN, Cao HH, Meng QZ, Ma YN, Han PC, Jiang JJ, Zhang H, Ma Y. A novel xeno-free and feeder-cell-free system for human pluripotent stem cell culture. <i>Protein & Cell</i> 2012;3(1):51-59.	/	1	马跃
109	Wen D, Xue YH, Liang K, Yuan TY, Lu JZ, Zhao W, Xu T, Chen LY. Bulk-like endocytosis plays an important role in the recycling of insulin granules in pancreatic beta cells. <i>Protein & Cell</i> 2012;3(8):618-626.	/	1	徐涛
110	Zhang X, Huang B, Zhang LF, Zhang YY, Zhao YY, Guo XF, Qiao XH, Chen C. SNObase, a database for S-nitrosation modification. <i>Protein & Cell</i> 2012;3(12):929-933.	/	1	陈畅
111	Xue YH, Zhao W, Du W, Zhang X, Ji G, Ying W, Xu T. Ultra-structural study of insulin granules in pancreatic beta-cells of db/db mouse by scanning transmission electron microscopy tomography. <i>Protein & Cell</i> 2012;3(7):521-525.	/	1	徐涛
112	Wu JB, Peng SY, Wu R, Hao YM, Ji GJ, Yuan ZQ. Generation of Calhm1 knockout mouse and characterization of calhm1 gene expression. <i>Protein & Cell</i> 2012;3(6):470-480.	/	1	袁增强, 姬广聚
113	Zhang WQ, Duan SL, Li Y, Xu XL, Qu J, Zhang WZ, Liu GH. Converted neural cells: induced to a cure? <i>Protein & Cell</i> 2012;3(2):91-97.	/	1	刘光慧
114	Yi F, Liu GH, Belmonte JCI. Human induced pluripotent stem cells derived hepatocytes: rising promise for disease modeling, drug development and cell therapy. <i>Protein &</i>	/	3	刘光慧

	<i>Cell</i> 2012;3(4):246-250.			
115	Yi F, Qu J, Li M, Suzuki K, Kim NY, Liu GH, Belmonte JCI. Establishment of hepatic and neural differentiation platforms of Wilson's disease specific induced pluripotent stem cells. <i>Protein & Cell</i> 2012;3(11):855-863.	/	2	Belmonte JC
116	Sawyer EB, Barker PD. Continued surprises in the cytochrome c biogenesis story. <i>Protein & Cell</i> 2012;3(6):405-409.	/	1	E. Sawyer
117	Sun QF, Han CH, Liu L, Wang YZ, Deng HY, Bai L, Jiang T. Crystal structure and functional implication of the RUN domain of human NESCA. <i>Protein & Cell</i> 2012;3(8):609-617.	/	1	江涛
118	Xie W, Yang X, Xu M, Jiang T. Structural insights into the assembly of human translesion polymerase complexes. <i>Protein & Cell</i> 2012;3(11):864-874.	/	1	江涛
119	Wang SL, Sunf. Dynactin is an indispensable helper for dynein ' s function in intracellular motility. <i>Acta Biophysica Sinica</i> 2012;28(10):785-793.	/	1	孙飞
120	Huang B, Chen C. Function and Mechanism of Nitric Oxide (I)— Characteristics and Function. <i>Acta Biophysica Sinica</i> 2012;28(3):173-184	/	1	陈畅
121	Huang B, Chen C. Function and Mechanism of Nitric Oxide (II)—Mechanism and Protein S-Nitrosation. <i>Acta Biophysica Sinica</i> 2012; 28(4) : 268-277.	/	1	陈畅