



发表文献

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招生

人才培养

研究生培养

序号	文章题目	刊物	作者	5年IF
1	Recent advances in microbial production of $\delta$ -aminolevulinic acid and vitamin B12	Biotechnology Advances	2012,30(6):1533-1542	Kang Z1, Zhang J, Zhou J, Qi Q, Du G*, Chen J* 11.847
2	Crystal structures of STING protein reveal basis for recognition of cyclic di-GMP	Nature Structural & Molecular Biology	2012,19(7):725-727	Guijun Shang, Deyu Zhu, Ning Li, Junbing Zhang, Chunyuan Zhu, Defen Lu, Cuilan Liu, Qian Yu, Yanyu Zhao, Sujuan Xu, Lichuan Gu* 11.681
3	Structural insight into the ISC domain of VibB from Vibrio cholerae at atomic resolution: a snapshot just before the enzymatic reaction	Acta Crystallographica Section D-Biological Crystallography	2012,68:1329-1338	Zhang, Ning Li, Bei Niu, Mengyuan Liu, Xiuhua Liu, Tiandi Wei, Deyu Zhu, Yan Huang, Sujuan Xu and Lichuan Gu* 8.751
4	IndelFR: a database of indels in protein structures and their flanking regions	Nucleic Acids Research	2012,40:D512-D518	Zheng Zhang, Cheng Xing, Lushan Wang, Bin Gong*, and Hui Liu 8.647
5	Structural insight of a concentration-dependent mechanism by which Y diV inhibits Escherichia coli flagellum biogenesis and motility	Nucleic Acid Research	2012,40(21):11073-11085	Bingqing Li, Ning Li, Feng Wang, Liming Guo, Yan Huang, Xiuhua Liu, Tiandi Wei, Deyu Zhu, Cuilan Liu, Hongfang Pan, Sujuan Xu, Hong-Wei Wang, Lichuan Gu* 8.647
6	Engineering of an N-acetylneuraminic acid synthetic pathway in Escherichia coli	Metabolic Engineering	2012,14:623-629	J Kang, P Gu, Y Wang, Y Li, F Yang, Q W, Q Qi* 8.322
7	Improvement of xylose fermentation in respiratory-deficient xylose-fermenting Saccharomyces cerevisiae	Metabolic Engineering	2012,14(1):9-18	Peng B, Shen Y, Li X, Chen X, Hou J, Bao X* 8.322
8	Structural insights into a unique Legionella pneumophila effector LidA recognizing both GDP and GTP bound Rab1 in their active state	Plos Pathogens	2012,8(3):e1002528.	Wei Cheng, Kun Yin, Defen Lu, Bingqing Li, Deyu Zhu, Yuzhen Chen, Hao Zhang, Sujuan Xu, Jijie Chai, Lichuan Gu* 7.758
9	A Dynamic Response Regulator Protein Modulates G-Protein-Dependent Polarity in the Bacterium Myxococcus xanthus	PLOS Genetics	2012,8(8):e1002872	Yong Zhang <sup>1,2</sup> , Mathilde Guzzo <sup>1</sup> , Adrien Ducret <sup>1</sup> , Yue-Zhong Li <sup>2</sup> , Ta <sup>^</sup> m Mignot* 7.481

10	Genetic structure of three fosmid-fragments encoding 16S rRNA genes of the Miscellaneous Crenarchaeotic Group (MCG): Implications for physiology and evolution of marine sedimentary archaea	Environmental Microbiology 2012,14(2):467-479	Ping-Yi Li1, Bin-Bin Xie*, Xi-Ying Zhang, Qi-Long Qin, Hong-Yue Dang, Xu-Min Wang, Xiu-Lan Chen, Jun Yu and Yu-Zhong Zhang*	6.288
11	An antioxidant exopolysaccharide devoid of pro-oxidant activity produced by the soil bacterium <i>Bordetella</i> sp. B4	Bioresource Technology Nov. 2012,124:245-251	YL Lin, JL Liu, YB Hu, Xin Song*, Yueran Zhao*. 并列5.744 通讯作者	5.744
12	Application of T-DNA insertional mutagenesis for improving cellulase production in the filamentous fungus <i>Trichoderma reesei</i> .	Bioresource Technology 2012,110:572-577	Zhong Yaohua1, Wang X, Yu H, Liang S, Wang Tianhong*.	5.744
13	Biocatalytic production of (2S,3S)-2,3-butanediol from diacetyl using whole cells of engineered <i>Escherichia coli</i>	Bioresource Technology 2012,115:111-116	Li Lixiang, Wang Yu, Zhang Lijie, Ma Cuiqing*, Xu ping*	5.744
14	Cell surface engineering of $\alpha$ -L-rhamnosidase for naringin hydrolysis	Bioresource Technology 2012,123:144-149	Qian Liu1, Lili Lu1, Min Xiao*	5.744
15	Efficient bioconversion of l-threonine to 2-oxobutyrate using whole cells of <i>Pseudomonas stutzeri</i> SDM	Bioresource Technology 2012,110:719-722	Zhang Wen1, Gao Chao, Che Bin, Ma Cuiqing *	5.744
16	Efficient conversion of 1,2-butanediol to (R)-2-hydroxybutyric acid using whole cells of <i>Gluconobacter oxydans</i>	Bioresource Technology 2012,115:75-78	Gao Chao1, Zhang Wen1, Xu Ping*	5.744
17	Efficient utilization of hemicellulose hydrolysate for propionic acid production using <i>Propionibacterium acidipropionici</i>	Bioresource Technology 2012,114:711-714	Zhen Liu1, Cuiqing Ma* , Chao Gao	5.744
18	Improved cellulase production via disruption of PDE01641 in cellulolytic fungus <i>Penicillium decumbens</i>	Bioresource Technology 2012,123:733-737	Y Zhang, J Zhang, P Xiao, Tianhong Wang*, Yinbo Qu*	5.744
19	Synthesis of galactooligosaccharides by CBD fusion $\beta$ -galactosidase immobilized on cellulose	Bioresource Technology 2012,116:327-333	Lili Lu1, Shuze Xu, Renfei Zhao, Dayu Zhang, Zhengyi Li, Yumei Li, Min Xiao*	5.744
20	Elastolytic mechanism of a novel M23 metalloprotease pseudoalterin from deep-sea <i>Pseudoalteromonas</i> sp. CF6-2: cleaving not only glycol bonds in the hydrophobic regions, but also peptide bonds in the hydrophilic regions involved in cross-linking	Journal of Biological Chemistry 2012,287(47):39710-39720	Hui-Lin Zhao1, Xiu-Lan Chen, Bin-Bin Xie, Ming-Yang Zhou, Xiang Gao, Xi-Ying Zhang, Bai-Cheng Zhou, Anthony S. Weiss and Yu-Zhong Zhang*	4.403
21	N-Glycoform Diversity of Cellobiohydrolase I from <i>Penicillium decumbens</i> and Synergism of Nonhydrolytic Glycoform in Cellulose Degradation	Journal of Biological Chemistry 2012,287(19):15906-15915	Le Gao, Feng Gao, Lushan Wang, Cunliang Geng, Lianli Chi, Jian Zhao, Yinbo Qu*	4.403
22	Unique iron coordination in the iron-chelating molecule vibriobactin helps <i>Vibrio cholera</i> evade the mammalian siderocalin-mediated immune response	Journal of Biological Chemistry 2012,287(12):8912-8919	Ning Li, Conggang Zhang, Bingqing Li, Xiuhua Liu, Yan Huang, Sujuan Xu, Lichuan Gu*	4.403
23	Molecular insights into the terminal energy acceptor in cyanobacterial phycobilisome	Molecular Microbiology 2012,85(5):907-915	Xiang Gao, Tian-Di Wei(并列第一) , Nan Zhang(并列第一) , BinBin Xie, Hai-	4.347

24	Characterization of Bacterial Polysaccharide Capsules and Detection in the Presence of Deliquescent Water by Atomic Force Microscopy	Applied and Environmental Microbiology 2012,78(9):3476-3479	Nan Su, Xi-Ying Zhang, Xiu-LanChenBai-Cheng Zhou, Zhi-Xin Wang, Jia-Wei Wu* Yu-zhong Zhang* Hai-Nan Su1, Zhi-Hua Chen ( 并列第一 ) , Sheng-Bo Liu, Li-Ping Qiao, Xiu-Lan Chen, Hai-Lun He, Xian Zhao, Bai-Cheng Zhou and Yu-Zhong Zhang* 4.303
25	Development of a markerless gene replacement system for <i>Acidithiobacillus ferrooxidans</i> and construction of a <i>pfkB</i> mutant	Applied and Environmental Microbiology 2012,78:1826-1835	Huiyan Wang, Xiangmei Liu*, Shuangshuang Liu, Yangyang Yu, Jianqun Lin, Jianqiang Lin, Xin Pang, and Jian Zhao 4.303
26	Development of simvastatin selection marker for hyperthermophilic acidophile, <i>sulfolobus islandicus</i>	Applied and Environmental Microbiology 2012,78(2):568-574	Zheng T, Huang H, Zhang C, Ni J, She Q, Shen Y* 4.303
27	Employing a recombinant strain of <i>Advenella imigardefordensis</i> .for biotechnical production of homopolythioesters from 3,3' - dithiodipropionic acid	Applied and Environmental Microbiology. 2012,doi:10.1128/AEM.00007-12.	Yongzhen Xia1, Jan Hendrik Wübbeler, Qingsheng Qi, Alexander Steinbüchel*. 4.303
28	Relative catalytic efficiency of <i>ldhL</i> - and <i>ldhD</i> -encoded products is crucial for the optical purity of lactic acid produced by <i>Lactobacillus</i> strains	Applied and Environmental Microbiology 2012,78(9):3480-3483	Zheng Zhaojuan1, Sheng Binbin, Ma Cuiqing*,Xu Ping* 4.303
29	A strategy of gene overexpression based on tandem repetitive promoters in <i>Escherichia coli</i>	Microbial Cell Factories 2012,11:19.	Mingji Li1, Junshu Wang, Yanping Geng, Yikui Li, Qian Wang, Quanfeng Liang and Qingsheng Qi*. 4.281
30	One-step of tryptophan attenuator inactivation and promoter swapping to improve the production of L-tryptophan in <i>Escherichia coli</i> .	Microbial Cell Factories 2012,11:30 doi:10.1186/1475-2859-11-30	Pengfei Gu1, Fan Yang, Junhua Kang, Qian Wang and Qingsheng Qi*. 4.281
31	Rationally re-designed mutation of NAD-independent L-lactate dehydrogenase: high optical resolution of racemic mandelic acid by the engineered <i>Escherichia coli</i>	Microbial Cell Factories 2012,11:151	Jiang Tianyi, Gao Chao, Dou Peipei, Ma Cuiqing*,Xu Ping* 4.281
32	Surface and biological activity of sphorolipid molecules produced by <i>Wickerhamiella domercqiae</i> var. <i>sphorolipid</i> CGMCC 1576	Colloids and Surfaces B: Biointerfaces 2012,376:165-172	XJ Ma, LJ Shao, H Li, J Shen, Xin Song* 4.269
33	Synthesis of galactosyl sucralose by $\beta$ -galactosidase from <i>Lactobacillus bulgaricus</i> L3	Food Chemistry 2012,134(1): 269-275	Lili Lu1, Shuze Xu, Lan Jin, Dayu Zhang, Yumei Li, Min Xiao* 4.232
34	Tenderization effect of cold-adapted collagenolytic protease MCP-01 on beef meat at low temperature and its mechanism	Food Chemistry 2012,134:1738-1744	Guo-Yan Zhao1, Ming-Yang Zhou, Hui-Lin Zhao, Xiu-Lan Chen*, Bin-Bin Xie, Xi-Ying Zhang, Hai-Lun He, Bai-Cheng Zhou, Yu-Zhong Zhang 4.232
35	Metabolic responses to ethanol in <i>Saccharomyces cerevisiae</i> using a gas chromatography tandem mass spectrometry-based metabolomics approach	Int. J. Biochem. Cell Biol. 2012, 44:1087-1096	Hao Li*, Man-Li Ma, Sha Luo, Rui-Min Zhang, Pei Han, Wei Hu* (并列通讯) SCI 4.172
36	Structural insight into how <i>Pseudomonas aeruginosa</i>	Biochemical Journal 2012,448(2):201-211	Guijun Shang, Xiuhua Liu, Defen Lu, Junbing Zhang, 4.116

	peptidoglycan-hydrolase Tse1 and its immunity protein Tsi1 function		Ning Li, Chunyuan Zhu, Shiheng Liu, Qian Yu, Yanyu Zhao, Heqiao Zhang, Junqiang Hu, Huaixing Cang, Sujuan Xu, Lichuan Gu*	
37	Cultivable alginate lyase-excreting bacteria associated with the arctic brown alga laminaria	Marine Drugs 2012,10:2481-2491	Dong S1, Yang J, Zhang XY, Shi M, Song XY, Chen XL*, Zhang YZ	4.031
38	Phase transfer catalyst supported, room-temperature biphasic: a facile approach to the synthesis of coordination polymers	Dalton Trans. 2012,41,4320-4323	Xiao-Liang Zhao, Di Sun, Tuo-Ping Hu, Shuai Yuan, Li-Chuan Gu*, Heng-Jiang Cong, Hai-Yan He and Dao-Feng Sun*. 并列	4.003
39	A new locus affects cell motility, cellulose binding, and degradation by <i>Cytophaga hutchinsonii</i>	Applied microbiology and biotechnology 2012,96 (1):161-170	Ji X., Xu Y., Zhang C., Chen N., Lu X *	3.882
40	A novel cold-active xylanase from the cellulolytic myxobacterium <i>Sorangium cellulosum</i> So9733-1: gene cloning, expression, and enzymatic characterization	Applied Microbiology and Biotechnology 2012,93(4):1503-1512	Shu-Yun Wang, Wei Hu, Xiao-Yu Lin, Zhi-Hong Wu*, Yue-Zhong Li	3.882
41	An efficient xylose-fermenting recombinant <i>Saccharomyces cerevisiae</i> strain obtained through adaptive evolution and its global transcription profile	Applied Microbiology and Biotechnology 2012,96(4):1079-1091	Yu Shen1, Xiao Chen, Bingyin Peng, Liyuan Chen, Jin Hou, Xiaoming Bao*	3.882
42	Bioconversion of D-galactose to D-tagatose: continuous packed bed reaction with an immobilized thermostable L-arabinose isomerase and efficient purification by selective microbial degradation	Applied Microbiology and Biotechnology 2012,93(4):1469-1474	Min Liang, Min Chen, Xinying Liu, Yafei Zhai, Xian-wei Liu*, Houcheng Zhang*, Min Xiao, Peng Wang	3.882
43	Development of Replicative <i>oriC</i> Plasmids and Their Versatile Use in Genetic Manipulation of <i>Cytophaga hutchinsonii</i>	Applied Microbiology and Biotechnology 2012,93(2):697-705	Yuanxi Xu, Xiaofei Ji, Ning Chen, Pengwei Li, Weifeng Liu and Xuemei Lu*	3.882
44	Identification of nicotine biotransformation intermediates by <i>Agrobacterium tumefaciens</i> strain S33 suggests a novel nicotine degradation pathway	Applied Microbiology and Biotechnology 2012,95:1567-1578	Shuning Wang*, Haiyan Huang, Kebo Xie, Ping Xu*	3.882
45	Adherence to <i>Streptococci</i> facilitates <i>Fusobacterium nucleatum</i> Microb Ecol. integration into an oral microbial community	2012,63(3):532-542	Xuesong He1, Wei Hu1, Christopher W. Kaplan, Lihong Guo, Wenyuan Shi1, Renate Lux1* ( 并列第一 )	3.56
46	<i>Acidithiobacillus caldus</i> Sulfur Oxidation Model Based on Transcriptome Analysis between the Wild Type and Sulfur Oxygenase Reductase Defective Mutant	PLoS One 2012,9:e39470	Linxu Chen1, Yilin Ren, Jianqun Lin*, Xiangmei Liu, Xin Pang, Jianqiang Lin	3.535
47	Antimicrobial Peptide Trichokonin VI-Induced Alterations in the Morphological and Nanomechanical Properties of <i>Bacillus subtilis</i>	PLoS One 2012,7(9):e45818	Hai-Nan Su1., Zhi-Hua Chen(并列第一., Xiao-Yan Song*, Xiu-Lan Chen, Mei Shi, Bai-Cheng Zhou, Xian Zhao, Yu-Zhong Zhang* Wei Hu1, Lina Li, Shivani Sharma, Jing Wang, Ian McHardy, Renate Lux, Zhe Yang, Xuesong He, James K. Gimzewski, Yuezhong Li, Wenyuan Shi*	3.535
48	DNA Builds and Strengthens the Extracellular Matrix in <i>Myxococcus xanthus</i> Biofilms by Interacting with Exopolysaccharides	PLoS One 2012 12,26-Online	McHardy, Renate Lux, Zhe Yang, Xuesong He, James K. Gimzewski, Yuezhong Li, Wenyuan Shi*	3.535

49	Efficient 2,3-butanediol production from cassava powder by a crop-biomass-utilizer, <i>Enterobacter cloacae</i> subsp. <i>dissolvens</i> SDM	PLoS One 2012,7(7):e40442	Wang Ailong1, Xu Youqiang, Ma Cuiqing*	3.535
50	Efficient Production of Pyruvate from DL-Lactate by the Lactate-Utilizing Strain <i>Pseudomonas stutzeri</i> SDM	PLoS One 2012,7:e40755	Gao Chao1, Qiu Jianhua, Ma Cuiqing*, Xu Ping	3.535
51	Fine Tuning of the Lactate and Diacetyl Production through Promoter Engineering in <i>Lactococcus Lactis</i>	Plos One 2012,7(4):1-10	Tingting Guo, Jian Kong*, Li Zhang, Chenchen Zhang, Shumin Hu	3.535
52	NAD-Independent L-lactate dehydrogenase required for L-lactate utilization in <i>Pseudomonas stutzeri</i> SDM	PLoS One 2012,7:e36519	Gao Chao1, Ma Cuiqing*, Li Lixiang, Xu Ping*	3.535
53	Ras GTPases Modulate Morphogenesis, Sporulation and Cellulase Gene Expression in the Cellulolytic Fungus <i>Trichoderma reesei</i>	PLoS One 2012,7(11):e48786	Jiwei Zhang, Yanmei Zhang, Yaohua Zhong, Yinbo Qu*, Tianhong Wang*	3.535
54	Structural and Functional Characterization of Mature Forms of Metalloprotease E495 from Arctic Sea-Ice Bacterium <i>Pseudoalteromonas</i> sp. SM495	PLoS One 2012,7(4):e35442	Hai-Lun He1, Jun Guo ( 并列第一 ), Xiu-Lan Chen, Bin-Bin Xie, Xi-Ying Zhang, Yong Yu, Bo Chen, Bai-Cheng Zhou, and Yu-Zhong Zhang*	3.535
55	The existence and diversity of myxobacteria in lakemud – a previously unexplored myxobacteria habitat	Environmental Microbiology Reports 2012,4(6),587-595	Shu-guang Li,† Xiu-wen Zhou,† Peng-fei Li, Kui Han, Wei Li, Zhi-feng Li, Zhi-hong Wu and Yue-zhong Li*	3.517
56	Crystal structure of Periplasmic Catecholate-Siderophore Binding protein VctP from <i>Vibrio cholerae</i> at 1.7Å Resolution	Febs Letters 2012,586(8):1240-1244	Xiuhua Liu, Qian Du, Zhi Wang, Shiheng Liu, Ning Li, Ying Chen, Chunyuan Zhu, Deyu Zhu, Tiandi Wei, Yan Huang, Sujuan Xu, Lichuan Gu*.	3.478
57	Dissection of the functional domains of an archaeal Holliday junction helicase	DNA Repair 2012,11:102-111	Hong Y1, Chu M, Li Y, Ni J, Sheng D, Hou G, She Q*, Shen Y*	3.445
58	Differential Involvement of - Glucosidases from <i>Hypocrea jecorina</i> in Rapid Induction of Cellulase Genes by Cellulose and Cellobiose	Eukaryotic Cell 2012,11(11):1371-1381	Qingxin Zhou1 Jintao Xu1,Yanbo Kou, Xinxing Lv, Xi Zhang, Guolei Zhao, Weixin Zhang, Guanjuan Chen, and Weifeng Liu*	3.328
59	Purification and characterization of a flavin reductase from the biodesulfurizing bacterium <i>Mycobacterium goodii</i> X7B	Process Biochemistry 2012,47:1144-1149	Li Qian1,Zhang Zhengzhi, Ma Cuiqing*, Gu Lichuan*,Xu Ping	3.067
60	Incremental truncation of PHA synthases results in altered product specificity	Enzyme and Microbial Technology 2012,50:293-297	Qian Wang1, Yongzhen Xia, Quan Chen, Qingsheng Qi*	3.064
61	Development of a method for the efficient release of N-glycans from glycoproteins generating native deglycosylated proteins	Enzyme and Microbial Technology 2012,51:139-142	Shengjun Wang1, Chuanliang Ma, Huili Yu, Changgan Huang, Qingsheng Qi*	3.064
62	Molecular cloning and characterization of an endogenous digestive $\beta$ -glucosidase from the	Insect Molecular Biology 2012,21:604-614	Wu Y, Chi S, Yun C, Shen Y, Tokuda G, Ni J*.	3.025

	midgut of the fungus-growing termite <i>Macrotermes barneyi</i>		
63	Draft genome sequence of strain p7-3-5, a new flavobacteriaceae bacterium isolated from intertidal sand	Journal of Bacteriology 2012,194(23):6632	Zhang XY1, Xie BB, Qin QL, Liu A, Chen XL, Zhou BC, Zhang YZ* 2.936
64	Genome sequence of <i>Enterobacter cloacae</i> subsp. <i>dissolvens</i> SDM, an efficient biomass-utilizing producer of platform chemical 2,3-butanediol	Journal of Bacteriology 2012, 194(4):897-898	Xu Youqiang1, Su Fei, Tang Hongzhi, Ma Cuiqing*, Xu Ping* 2.936
65	Genome Sequence of Proteorhodopsin-Containing Sea Ice Bacterium <i>Glaciecola punicea</i> ACAM 611 <sup>T</sup>	Journal of Bacteriology 2012, 194(12):3267	Qi-Long Qin1, Bin-Bin Xie, Yan-Li Shu, Jin-Cheng Rong, Dian-Li Zhao, Xi-Ying Zhang, Xiu-Lan Chen, Bai-Cheng Zhou and Yu-Zhong Zhang* 2.936
66	Genome sequence of <i>Pseudomonas stutzeri</i> SDM-LAC, a typical strain for studying the molecular mechanism of lactate utilization	Journal of Bacteriology 2012,194(4):894-895	Jiang Tianyi, Gao Chao, Ma Cuiqing* , Xu Ping* 2.936
67	Genome Sequence of the Cycloprodigiosin-Producing Bacterial Strain <i>Pseudoalteromonas rubra</i> ATCC 29570 <sup>T</sup>	Journal of Bacteriology 2012,194(6):1637-1638	Bin-Bin Xie1, Yan-Li Shu, Qi-Long Qin, Jin-Cheng Rong, Xi-Ying Zhang, Xiu-Lan Chen, Bai-Cheng Zhou and Yu-Zhong Zhang* 2.936
68	Genome Sequence of the Lactate-Utilizing <i>Pseudomonas aeruginosa</i> Strain XMG	Journal of Bacteriology 2012,194:4751-4752	Gao Chao1, Hu Chunhui, Ma Cuiqing* ,Su Fei, Yu Hao, Jiang Tianyi, Dou Peipei, Wang Yujiao, Qin Tong, Lv Min, and Xu Ping 2.936
69	Genome Sequence of the Protease-Producing Bacterium <i>Rheinheimera nanhaiensis</i> E407-8 <sup>T</sup> , Isolated from Deep-Sea Sediment of the South China Sea	Journal of Bacteriology 2012,194(24):7001-7002	Zhang XY1, Xie BB, Qin QL, Liu A, Chen XL, Zhou BC, Zhang YZ* 2.936
70	Genome Sequences of Six <i>Pseudoalteromonas</i> Strains Isolated from Arctic Sea Ice	Journal of Bacteriology 2012,194:908-909	Fei Bian1, Bin-Bin Xie, Qi-Long Qin, Yan-Li Shu, Xi-Ying Zhang, Yong Yu, Bo Chen, Xiu-Lan Chen, Bai-Cheng Zhou, and Yu-Zhong Zhang* 2.936
71	Genome sequences of two thermophilic <i>Bacillus licheniformis</i> strains, efficient producers of platform chemical 2,3-butanediol	Journal of Bacteriology 2012,194(15):4133-4134	Li Lixiang, Su Fei, Li Jingwen, Ma Cuiqing*, Xu Ping* 2.936
72	Genome Sequences of Type Strains of Seven Species of the Marine Bacterium <i>Pseudoalteromonas</i>	Journal of Bacteriology 2012,194(10):2746-2747	Bin-Bin Xie1, Yan-Li Shu, Qi-Long Qin, Jin-Cheng Rong, Xi-Ying Zhang, Xiu-Lan Chen, Mei Shi, Hai-Lun He, Bai-Cheng Zhou and Yu-Zhong Zhang* 2.936
73	Lactate utilization is regulated by the FadR-type regulator LldR in <i>Pseudomonas aeruginosa</i>	Journal of Bacteriology 2012,194:2687-2692	Gao Chao1, Hu Chunhui, Zheng Zhaojuan, Ma Cuiqing*, Xu Ping* 2.936
74	Electron bifurcation involved in the energy metabolism of the acetogenic bacterium <i>Moorella thermoacetica</i> growing on glucose or H <sub>2</sub> plus CO <sub>2</sub> .	Journal of Bacteriology 2012,194:3689-3699	Huang H1, Wang S, Moll J, Thauer RK. 2.936
75	Antimicrobial peptaibols from	Microbiology	Mei Shi1, Lei Chen ( 并列) 2.879

	Trichoderma pseudokoningii induce programmed cell death in plant fungal pathogens	2012,158:166-175	第一), Xiao-Wei Wang, Tian Zhang, Pei-Bao Zhao, Xiao-Yan Song*, Cai-Yun Sun, Xiu-Lan Chen, Bai-Cheng Zhou, and Yu-Zhong Zhang*	
76	Production of pyruvate in Saccharomyces cerevisiae through adaptive evolution and rational cofactor metabolic engineering.	Biochemical Engineering Journal 2012,67:126-131	Wang Z, Gao C, Wang Q, Liang Q*, Qi Q*	2.859
77	Idiomarina maris sp. nov., a marine bacterium isolated from sediment	International Journal of Systematic and Evolutionary Microbiology 2012,62:370-375	Yan-Jiao Zhang, Xi-Ying Zhang(并列第一), Hui-Lin Zhao, Ming-Yang Zhou, Hui-Juan Li, Zhao-Ming Gao, Xiu-Lan Chen, Hong-Yue Dang, Yu-Zhong Zhang*	2.782
78	Marinobacter antarcticus sp. nov., a halotolerant bacterium isolated from Antarctic intertidal sandy sediment	International Journal of Systematic and Evolutionary Microbiology 2012,62:1838-1844	Chen, Xi-Ying Zhang*, Yong Yu, Ang Liu, Guo-Wei Li, Xiu-Lan Chen, Bo Chen, Yu-Zhong Zhang	2.782
79	In vitro evaluation of Lactobacillus crispatus K313 and K243:High-adhesion activity and anti-inflammatory effect on salmonella braenderup infected intestinal epithelial cell	Veterinary Microbiology 2012,159:212-220	Zhilan Sun, Lihua Huang, Jian Kong*	2.745
80	Metabolic Engineering of Recombinant Protein Secretion by Saccharomyces cerevisiae (第二单位)	FEMS Yeast Res, 2012,12(5):491-510	Jin Hou1, Keith E.J. Tyo, Zihe Liu, Dina Petranovic, Jens Nielsen*.	2.608
81	In Situ Demonstration and Quantitative Analysis of the Intrinsic Properties of Glycoside Hydrolases	Electrophoresis 2012,33(2):280-287	Xiaomei Zhang, Ning Liu, Fan Yang, Jinghua Li, Lushan Wang*, Guanjun Chen and Peiji Gao	2.372
82	Substrate specificity of galactokinase from Streptococcus pneumoniae TIGR4 toward galactose,glucose,and their derivatives	Bioorganic & Medicinal Chemistry Letters 2012,22:3540-3543	YangZou,Weniun Wang,Li Cai,Leilei Chen,Mengyang Xue,Xiaomei Zhang,Jie Shen,Min Chen*	2.303
83	Detection and validation of a small broad-host-range plamid pBBR1MCS-2 for use in genetic manipulation of the extremely acidophilic Acidithiobacillus sp	Journal of Microbiological Methods 2012,90:309-314	Likai Hao, Xiangmei Liu*, Huiyan Wang, Jianqun Lin, Xin Pang, Jianqiang Lin	2.247
84	Enzymatic Saccharification and Ethanol Fermentation of Reed Pretreated with Liquid Hot Water	Biomed Research International (J Biomed Biotechnol) 2012,Doi:10.1155/2012/276278	Jie Lu1,XueZhi Li,Jian Zhao* Yinbo Qu	2.149
85	Improved biomass saccharification by Trichoderma reesei through heterologous expression of lacA gene from Trametes sp. AH28-2.	Journal of Bioscience and Bioengineering 2012,113(6):697-703	Zhang J, Qu Y, Xiao P, Wang X, Wang Tianhong*.	2.058
86	Carotenogenesis gene cluster and and phytoene desaturase catalyzing both three- and four-step desaturations from Rhodobacter azotoformans.	FEMS Microbiology Letters 2012,333(2):138-145	Jinhua Zhang1, Lili Lu, Lijie Yin, Shen Xie, Min Xiao*	2.056
87	Direct visualization of the interaction between pilin and exopolysaccharides of Myxococcus xanthus with eGFP-fused PilA protein. (第三单位)	Fems Microbiology Letters 2012,326(1):23-30	W.Hu, Z.Yang, R.Lux, M.Zhao, J.Wang, X.He & W.Shi	2.056

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