

## Publications in 2011

No.	Title	Journal	Author
1.	Preparation of Quasi-Free-Standing Graphene with a Super Large Interlayer Distance by Methane Intercalation	J. Phys. Chem. C, 115, 20538–20545, 2011.	Q. S., Huang
2.	Nonpolar <i>a</i> -plane light-emitting diode with an <i>in-situ</i> SiN <sub>x</sub> interlayer on <i>r</i> -plane sapphire grown by metal-organic chemical vapour deposition	Chinese Phys. B, 20 (1), 017804, 2011	H., Fang
3.	Study of the stacking faults in a-plane GaN on r-plane sapphire grown by metal–organic chemical vapor deposition	J. Cryst. Growth, 318, 423–426, 2011	H., Fang
4.	Gradual variation method for thick GaN heteroepitaxy by hydride vapour phase epitaxy	Chinese Phys. B, 20 (9), 098101, 2011.	Y. H., Du
5.	Evolution and control of dislocations in GaN grown on cone-patterned sapphire substrate by Metal Organic Vapor Phase Epitaxy	J. Cryst. Growth, 315, 183–187, 2011.	Y. B., Tao
6.	Investigation of cracks in GaN films grown by combined hydride and metal organic vapor vaporphase epitaxial method	Nanoscale Res. Lett., 6:69, 1-8, 2011.	J. M., Liu
7.	Valence band offset of GaN/diamond heterojunction measured by X-ray photoelectron spectroscopy	Appl. Surf. Sci., 257, 8110–8112, 2011.	K., Shi
8.	Determination of InN/Diamond Heterojunction Band Offset by X-ray Photoelectron Spectroscopy	Nanoscale Res. Lett., 6:50, 1-5, 2011.	K., Shi
9.	GaN grown with InGaN as a weakly bonded layer	CrystEngComm, 13, 1580–1585, 2011.	X. Q., Xu
10.	Large-Scale and Highly Oriented Liquid Crystal Phase in Suspensions of Polystyrene-block-poly(L-lactide) Single Crystals	Langmuir, 27, 4351–4357, 2011.	C. B., Jiang
11.	Non-Peripheral Tetrahexyl-Substituted Vanadyl Phthalocyanines with Intermolecular Cofacial $\pi$ - $\pi$ Stacking for Solution Processed Organic Field-Effect Transistors,	Adv. Mater., 23, 2850-2854, 2011.	S. Q., Dong
12.	Interface engineering of high-Mg-content MgZnO/BeO/Si for p-n heterojunction solar-blind ultraviolet photodetectors,	APPL. PHYS. LETT., 98, 221902, 2011.	H. L., Liang
13.	Effects of nanostructure on optoelectronic properties of b phase polyoctylfluorene thin film	J. Lumin., 131, 1393–1396, 2011.	H., Wan
14.	Influence of indium composition in the prestrained InGaN interlayer	J. APPL. PHYS., 109,	L., Liu

	on the strain relaxation of InGaN/GaN multiple quantum wells in laser diode structures	073106, 2011.	
15.	Well-aligned Zn-doped tilted InN nanorods grown on <i>r</i> -plane sapphire by MOCVD	Nanotechnology, 22, 235603, 2011.	B., Zhang
16.	All-Solution-Processed, High-Performance n-Channel Organic Transistors and Circuits: Toward Low-Cost Ambient Electronics	Adv. Mater., 23, 2448–2453, 2011.	Y., Zhao
17.	Structural characterization of La <sub>0.9</sub> Ba <sub>0.1</sub> MnO <sub>3</sub> /Y-ZrO <sub>2</sub> film by X-ray diffraction	Physica B, 406, 4115–4118, 2011.	W. S., Tan
18.	高分子有机场效应晶体管中半导体薄膜结晶行为及微观结构变化的研究	Acta Phys. Sin.-CH. ED., 60(2), 027201, 2011.	X. Y., Tian
19.	高分子有机场效应晶体管中退火引起的自组织微观结构变化的研究	Acta Phys. Sin.-CH. ED., 60(5), 057201, 2011.	X. Y., Tian
20.	同步辐射掠入射X 射线衍射法研究TiAlN 薄膜离子注入层的微观结构	Physics Examination and Testing, 29(2), 5-9, 2011.	W. S., Liang
21.	TiN 薄膜表面离子注入层微观结构的分析研究	Physics Examination and Testing, 29(1), 13-17, 2011	D. L., Guo
22.	XAFS studies on surface coordination of Pb <sup>2+</sup> on birnessites with different average oxidation states	Colloid Surface A, 379, 86–92, 2011.	W., Zhao
23.	Influences of surface-coated fulvic and humic acids on the adsorption of metal cations to SiO <sub>2</sub> nanoparticles,	Colloid Surface A, 389, 27– 32, 2011.	L., Liang
24.	Structural and Electronic Characterization of Supported Ni and Au Catalysts used in Environment Protection Determined by XRD, XAS and XPS methods	World Academy of Science, Engineering and Technology, 79, 2011.	N. Aldea
25.	High Temperature Transport Property of Copper site Doped La <sub>2</sub> CuO <sub>4</sub>	J. Am. Ceram. Soc., 94(5), 1471–1476, 2011.	W., Xu
26.	Coordination Structure of Adsorbed Zn(II) at Water-TiO <sub>2</sub> Interfaces	Environ. Sci. Technol., 45, 1873–1879, 2011.	G. Z., He
27.	Studies on the reaction pathway of arsenate adsorption at water–TiO <sub>2</sub> interfaces using density functional theory	J. Colloid Interf. Sci., 364, 476–481, 2011.	G. Z., He
28.	XAFS study of starch-stabilized magnetite nanoparticles and surface speciation of arsenate	Environ. Pollut., 159, 3509-3514, 2011.	M. Y., Zhang
29.	Insight to ternary complexes of co-adsorption of norfloxacin and	J. Hazard. Mater., 186,	Z. G., Pei

	Cu(II) onto montmorillonite at different pH using EXAFS	842–848, 2011.	
30.	Adsorption of diuron and dichlobenil on multiwalled carbon nanotubes as affected by lead	J. Hazard. Mater., 188, 156–163, 2011.	G. C., Chen
31.	Effects of metal cations on sorption-desorption of <i>p</i> -nitrophenol onto wheat ash	J ENVIRON SCI-CHINA, 23(1), 112–118, 2011.	Y. S., Wang
32.	The measurement of differential EXAFS modulated by high pressure	J. Synchrotron Radiat., 18, 728-732, 2011.	S. Q., Chu
33.	Co speciation in blue decorations of blue-and-white porcelains from Jingdezhen kiln by using XAFS spectroscopy	J. Anal. Atom. Spectrom., 26, 1796, 2011.	L. H., Wang
34.	液体样品硬X射线吸收光谱测量的新型样品池装置	核技术, 34 (10), 2011.	P. F., An
35.	Single-atom catalysis of CO oxidation using Pt1/FeOx,	Nat Chem., 3, 634–641, 2011.	B. T., Qiao
36.	A direct sulfation method for introducing the transition metal cation Co <sup>2+</sup> into ZrO <sup>2</sup> with little change in the Brønsted acid sites	Journal of Catalysis, 279, 301–309, 2011.	X. J., Wang
37.	Local structure of Se nanotube investigated by X-ray absorption fine structure spectroscopy	Rend. Fis. Acc. Lincei, 22( Suppl 1), S17–S24, 2011.	Y. J., Feng
38.	碱性土壤对Pb的吸附特性：内圈吸附和形成沉淀的XAFS证据	Spectroscopy and Spectral Analysis, 31(2), 560-564, 2011.	N. J., Hu
39.	Pb <sup>2+</sup> 在不同锰氧化度水钠锰矿表面配位形态的EXAFS研究	ACTA PEDOLOGICA SINICA, 48 (1), 28-38, 2011.	W., Zhao
40.	Magnetic and optical properties of Fe doped ZnS nanoparticles synthesized by microemulsion method	CHEM PHYS LETT, 517, 55–58, 2011.	Y. N., Li
41.	Structural and magnetic properties of Pt in Co/Pt multilayers	Applied Surface Science, 257, 7427–7431, 2011.	Y. K., An
42.	Quantum critical point in SmO <sub>1-x</sub> FxFeAs and oxygen vacancy induced by high fluorine dopant	J. Synchrotron Rad., 18, 723–727, 2011.	J., Cheng
43.	In situ XAS study on the mechanism of reactive adsorption desulfurization of oil product over Ni/ZnO	Appl. Catal. B-Environ., 106, 26– 38, 2011.	L. C., Huang
44.	Mechanochromic Luminescence Switch of Platinum(II) Complexes	Inorg Chem., 50,	J., Ni

	with 5-Trimethylsilylethynyl-2,20-bipyridine	9090-9096, 2011.	
45.	Control of organic and iron colloids on arsenic partition and transport in high arsenic groundwaters in the Hetao basin, Inner Mongolia	Appl. Geochem., 26, 360–370, 2011.	M. H., Guo
46.	铅锌矿区居民头发中Pb、Fe、Cu、Zn 元素的 SRXRF 微区分布分析与来源分析	核技术, 34 (6), 427-32, 2011.	T., Xu
47.	Microglial activation, recruitment and phagocytosis as linked phenomena in ferric oxide nanoparticle exposure	Toxicol Lett., 205, 26– 37, 2011.	Y., Wang
48.	在阿尔茨海默病转基因线虫模型中铜离子以浓度依赖的方式影响贝塔淀粉样多肽的毒性	中国科学: 生命科学, 41 (5): 369 ~ 376, 2011.	Y. F., Luo
49.	New opportunity to investigate physico-chemical phenomena: time-resolved X-ray and IR concurrent analysis	Rend. Fis. Acc. Lincei, 22 (Suppl 1): S59–S79, 2011.	W., Xu
50.	Electronic states of a C70 monolayer on the surface of Ag(111)	J. Phys.-Condens. Mat., 23, 395002 (6pp), 2011.	P., Wang
51.	Structural change of metallofullerene: an easier thermal decomposition	Nanoscale, 3, 4130-4134, 2011.	S. X., Zhao
52.	Supercritical synthesis and characterization of SWNT-based one dimensional nanomaterials	Nanoscale, 3, 3103, 2011.	J., Hao
53.	Charge transfer dynamics of 3,4,9,10-perylene-tetracarboxylic-dianhydride molecules on Au(111) probed by resonant photoemission spectroscopy	J. CHEM. PHYS., 135, 174701, 2011.	L., Cao
54.	Angular dependent NEXAFS study of the molecular orientation of PTCDA multilayers on Au (111) surface	Chinese Sci Bull, 56 (33), 3575-77, 2011.	L., Cao
55.	聚乙烯醇修饰Fe <sub>3</sub> O <sub>4</sub> 纳米颗粒的制备表征及同步辐射X射线光电子能谱研究	核技术, Vol.34, No.5, 331-335, 2011.	M., Li
56.	Griffiths Phase and Disorder in Perovskite Manganite Oxides La <sub>1-x</sub> Ca <sub>x</sub> MnO <sub>3</sub> and La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> ,	J Supercond Nov Magn: 24, 1665–1672, 2011.	H. G., Zhang
57.	覆钹膜阴极表面同步辐射光电子谱研究	电子与信息学报, 33 (12), 3040-3045, 2011.	S. Y., Yin
58.	3D configuration of mandibles and controlling muscles in rove beetles based on micro-CT technique	Anal Bioanal Chem: 401, 817–825, 2011.	D. Li
59.	Application of flow driven pore-network crack model to Zipingpu reservoir and Longmenshan slip	Sci China Phys Mech, 54 (8), 2011.	B. J., Zhu

60.	Study of OSEM with different subsets in grating-based X-ray differential phase-contrast imaging	Anal Bioanal Chem: 401, 837–844, 2011.	K. Zhang
61.	Grating-based X-ray phase contrast imaging using polychromatic laboratory sources	J ELECTRON SPECTROSC, 184, 342–345, 2011.	Z. L., Wang
62.	Luminescent properties of (Y, Gd)BO <sub>3</sub> :Eu <sup>3+</sup> under VUV excitation for PDP prepared by co-precipitation method,	OPTOELECTRON. ADV. MAT., 5(4), 348 – 352, 2011.	Y. C., Hu
63.	Localized surface plasmon-enhanced electroluminescence from ZnO-based heterojunction light-emitting diodes	APPL. PHYS. LETT., 99, 181116.	S. G., Zhang
64.	Luminescence of LiTb(PO <sub>3</sub> ) <sub>4</sub> :Sm <sup>3+</sup> and energy transfer from Tb <sup>3+</sup> to Sm <sup>3+</sup> under vacuum ultraviolet–ultraviolet excitation	Appl Phys B-Lasers O, 104, :241–246, 2011.	B., Han
65.	Intense Cyan-Emitting of Li <sub>2</sub> CaSiO <sub>4</sub> :Eu <sub>21</sub> Under Low-Voltage Cathode Ray Excitation	Electrochem. Solid St., 14 (10), J69-J72.	M. B., Xie
66.	Bright green-emitting, energy transfer and quantum cutting of Ba <sub>3</sub> Ln(PO <sub>4</sub> ) <sub>3</sub> : Tb <sub>3+</sub> (Ln = La, Gd) under VUV-UV excitation	OPT EXPRESS, 19 (12), 11071, 2011.	D. J., Hou
67.	Luminescence and microstructures of Eu <sup>3+</sup> -doped Ca <sub>9</sub> LiGd <sub>2/3</sub> (PO <sub>4</sub> ) <sub>7</sub>	Dalton T., 40, 11433, 2011.	F. P., Du
68.	Nanoprobes: Quantitatively Detecting the Femtogram Level of Arsenite Ions in Live Cells	ACS NANO, 5 (7), 5560–5565, 2011.	R., Liu
69.	Photoluminescence of Tb <sup>3+</sup> and Mn <sup>2+</sup> activated Ca <sub>8</sub> MgGd(PO <sub>4</sub> ) <sub>7</sub> under vacuum ultraviolet excitation	Opt. Mater., 33, 1325–1330, 2011.	J., Zhang
70.	Single-Phase White-Emitting Ca <sub>8</sub> MgGd(PO <sub>4</sub> ) <sub>7</sub> :Ln <sup>3+</sup> , Mn <sup>2+</sup> (Ln <sup>3+</sup> =Ce <sup>3+</sup> , Tb <sup>3+</sup> , and Dy <sup>3+</sup> ) for Mercury-Free Lamps	J. Electrochem. Soc., 158 (4), J110-J114, 2011.	J., Zhang
71.	Vacuum ultraviolet and near-infrared excited luminescence properties of Ca <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> :RE <sup>3+</sup> , Na <sup>+</sup> (RE = Tb, Yb, Er, Tm, and Ho)	J. Solid State Chem., 184, 2178–2183, 2011	J., Zhang
72.	Photoluminescence properties of RE <sup>3+</sup> -activated Na <sub>3</sub> GdP <sub>2</sub> O <sub>8</sub> (RE <sup>3+</sup> = Tb <sup>3+</sup> , Dy <sup>3+</sup> , Eu <sup>3+</sup> , Sm <sup>3+</sup> ) under VUV excitation	Opt. Mater., 33, 475–479, 2011.	F., Zhang
73.	Photoluminescence Characteristics of Ca <sub>9</sub> Ln (PO <sub>4</sub> ) <sub>7</sub> :Tb <sup>3+</sup> (Ln <sup>3+</sup> = Y <sup>3+</sup> , La <sup>3+</sup> , Gd <sup>3+</sup> ) under VUV Excitation	Electrochem. Solid St. 14 (3), J16-J18, 2011.	F., Zhang
74.	Investigation of Na <sub>3</sub> GdP <sub>2</sub> O <sub>8</sub> :Tb <sup>3+</sup> as a potential green-emitting phosphor for plasma display panels	Mater. Res. Bull., 46, 722–725, 2011.	F., Zhang
75.	NaGdF <sub>4</sub> :Eu <sup>3+</sup> /AAO薄膜的制备与表征	高等学校化学学报, 32	M., Wang

		(5), 1037-1042.	
76.	LUMINESCENCE MECHANISM STUDY OF A POTENTIAL SCINTILLATION CRYSTAL $\text{YBa}_3\text{B}_9\text{O}_{18}$	Int. J. Mod. Phys. B, 25, (12), 1637–1644, 2011.	M., He
77.	Synchrotron radiation circular dichroism(SRCD) spectroscopy: An emerging method in structural biology for examining protein conformations and protein interactions	Nucl. Instrum. Meth. A, 649, 177–178, 2011	B.A., Wallace
78.	Energy transfer processes in $\text{Ce}^{3+}$ and $\text{Tb}^{3+}$ co-doped $\text{Ln}_2\text{Si}_2\text{O}_7$ (Ln = Y, Gd)	Opt. Mater., 33 (8) , 1239–1242, 2011.	Y., Li
79.	Fluorescence lifetime measurement from a designated single-bunch in the BEPC/ colliding mode	Chinese Phys. C, 35(10): 969-973, 2011.	S. S., Sun
80.	同步辐射圆二色谱及其在糖生物学及生物分子中的应用	生命科学, 7, 714, 2011.	Z. Y., Zhang
81.	Ultraviolet-vacuum ultraviolet photoluminescence and X ray radioluminescence of $\text{Ce}^{3+}$ -doped $\text{Ba}_3\text{MgSi}_2\text{O}_8$	J. Appl. Phys. 110, 113522, 2011.	X. M., Ding
82.	The tribological chemistry of the triazine derivative additives in rape seed oil and synthetic diester	Appl. Surf. Sci., 257, 3843–3849, 2011.	R., Qiao
83.	The tribological behaviour of a novel triazine derivative and its combination with ZDDP as additive in mineral oil,	Ind. Lubr. Tribol., 63/3, 216–221, 2011.	L. L., Peng
84.	The Tribological Chemistry of Novel Triazine Derivatives as Additives in Synthetic Diester,	Tribol. T., 54: 793-799, 2011.	J. C., Li
85.	Analysis of the elemental sulfur bio-oxidation by Acidithiobacillus ferrooxidans with sulfur K-edge XANES	World J Microb. Biot., 27, 1927–1931, 2011.	H., He
86.	Sulfur oxidation activities of pure and mixed thermophiles and sulfur speciation in bioleaching of chalcopyrite	Bioresource Technol., 102, 3877–3882, 2011.	W., Zhu
87.	Transformation of arsenic in offshore sediment under the impact of anaerobic microbial activities	Water Res., 45, 6781–6788, 2011.	Y. L., Xu
88.	New insights into the sorption mechanism of cadmium on red mud	Environ. Pollut., 159, 1108-1113, 2011.	L., Luo
89.	Isolation and characterization of a novel sulfuroxidizing chemolithoautotroph <i>Halothiobacillus</i> from Pb polluted paddy soil	Afr. J. Biotechnol., Vol. 10(20), 4121-4126, 2011.	J. Y., Shi
90.	Characterization of the thermo-reduction process of chalcopyrite at 65 °C by cyclic voltammetry and XANES spectroscopy	Hydrometallurgy, 107, 13–21, 2011.	C. L., Liang
91.	中度嗜热菌浸出黄铁矿过程中矿物表面硫的化学形态	北京科技大学学报, 33, No.11, 2011.	H., He

92.	复合样品厚度参数同步辐射测量方法	强激光与粒子束, 23(4), 974-976, 2011.	R. Q., Yi
93.	Soft X-ray Induced Photoreduction of Organic Cu(II) Compounds Probed by X-ray Absorption Near-Edge (XANES) Spectroscopy	Anal. Chem., 83, 7856–7862, 2011.	J. J., Yang
94.	黄土区次生植被恢复对土壤有机碳官能团的影响	生态学报, 31(18), 5119-206, 2011.	T., Li
95.	X射线二极管阴极灵敏度测量及其不确定度分析	强激光与粒子束, 23(4), 969-973, 2011.	Y. T., Yuan
96.	Compressibility and hardness of Co-based bulk metallic glass: A combined experimental and density functional theory study	APPL. PHYS. LETT., 99, 151911, 2011.	J. F., Wang
97.	Stable structure of Zr <sub>49</sub> Cu <sub>44</sub> Al <sub>7</sub> metallic glass matrix composite with CuZr phase under high pressure up to 40.8 GPa	Chinese Sci Bull, 56 (4-5) , 372-375, 2011.	G., Li
98.	Structural Properties and Halogen Bonds of Cyanuric Chloride under High Pressure	J. Phys. Chem. B, 115, 4639–4644, 2011.	K., Wang
99.	Pressure-Induced Phase Transitions in Ammonium Squarate: A Supramolecular Structure Based on Hydrogen-Bonding and $\pi$ -Stacking Interactions	J. Phys. Chem. B, 115, 8981–8988, 2011.	S. R., Li
100.	Pressure-Induced Phase Transition in Guanidinium Perchlorate: A Supramolecular Structure Directed by Hydrogen Bonding and Electrostatic Interactions	J. Phys. Chem. B, 115, 11816–11822, 2011.	S. R., Li
101.	Phase transition of cadmium fluoride under high pressure	Solid State Commun., 151, 1899–1902, 2011.	G. T., Liu
102.	High Pressure X-Ray Diffraction Study of a Grossular–Andradite Solid Solution and the Bulk Modulus Variation along this Solid Solution	CHINESE PHYS. LETT., 28(7), 076101, 2011.	D. W., Fan
103.	Synchrotron X-ray diffraction study of haüyne athighpressure	Physica B, 406, 4404–4406, 2011	D. W., Fan
104.	Phase transformation of Ho <sub>2</sub> O <sub>3</sub> at high pressure	J. APPL. PHYS., 110, 013526, 2011.	S., Jiang
105.	Amorphization of C60 nanotubes under pressure	J. APPL. PHYS., 110, 014301, 2011.	J. Y., Hu
106.	Synthesis of boron-doped diamond with laser heated diamond anvil cell	Chinese Sci Bull, Vol.56 No.13, 1336-1339, 2011.	W. W., Zhang

107.	Study on phase transition of SrTiO <sub>3</sub> by in situ impedance measurement under high pressure	Phys. Status Solidi B, 248 (5), 1111–1114, 2011.	Q. L., Wang
108.	The structural transition behavior of CdSe/ZnS core/shell quantum dots under high pressure	Physica Status Solidi B, 248, 1149-1153, 2011.	Z. P., Li
109.	Structural and elastic properties of CaGeO <sub>3</sub> perovskite at high pressures	PHYS EARTH PLANET IN, 189, 151-156, 2011.	X., Wu
110.	冰晶石(Na <sub>3</sub> AlF <sub>6</sub> )的高压研究: 同步辐射X射线衍射和第一性原理计算	核技术, 34, 406, 2011.	J., Yang
111.	Pressure-Induced Phase Transitions of C-70 Nanotubes	J. Phys. Chem. C, 115, 8918-8922, 2011.	D. D., Liu
112.	High-Pressure Studies on CeO <sub>2</sub> Nano-Octahedrons with a (111)-Terminated Surface	J. Phys. Chem. C, 115, 4546-4551, 2011.	B., Liu
113.	The Study of Structural Transition of ZnS Nanorods under High Pressure	J. Phys. Chem. C, 115, 357-361, 2011.	Z. P., Li
114.	Low-compressibility of tungsten tetraboride: a high pressure X-ray diffraction study	High Pressure Research, 31, 275–282, 2011.	C. J., Liu
115.	Pressure-induced magnetoresistivity reversal in magnetite	Appl. Phys. Lett., 99, 211902, 2011.	N. N., Su
116.	Multiform structures with silicon nanopillars by cesium chloride self-assembly and dry etching	Appl. Surf. Sci., 257, 10489– 10493, 2011.	Y. X., Liao
117.	利用LIGA技术研制微细电火花异形和阵列结构电极	电加工与模具, 第5期, P14-17, 2011.	F. T., Yi
118.	Crystal structure of DNA polymerase III sliding clamp from Mycobacterium tuberculosis	Biochem Bioph Res Co., 405, 272–277, 2011.	W. J., Gui
119.	Structural insights into energy regulation of light-harvesting complex CP29 from spinach	Nat. struct. & mol. Boil., 18(3), 309-316, 2011.	X. W., Pan
120.	Crystal structure of PHD domain of UHRF1 and insights into recognition of unmodified histone H3 arginine residue 2	Cell Research, 21, 1374-1378, 2011.	L. L., Hu
121.	Mononuclear copper(II) complexes with 3,5-substituted-4-salicylidene-amino-3,5-dimethyl-1,2,4-triazole: synthesis, structure and potent inhibition of protein tyrosine phosphatases	Dalton T., 40, 6532–6540, 2011.	L., Ma
122.	Structural basis for mechanochemical role of Arabidopsis thaliana	Journal of Molecular Cell	L. M., Yan



	dynamamin-related protein in membrane fission	Biology, 3 (6) , 378-381, 2011.	
123.	Crystal structure and site-directed mutagenesis of a nitroalkane oxidase from <i>Streptomyces ansochromogenes</i>	Biochem Bioph Res Co., 405, 344–348, 2011.	Y. H., Li
124.	Conformational Changes of rBTI from Buckwheat upon Binding to Trypsin: Implications for the Role of the P(8)' Residue in the Potato Inhibitor I Family	Plos One: 6, e20950–e20950, 2011.	L. F., Wang
125.	Biochemical and Structural Insights into the Mechanisms of SARS Coronavirus RNA Ribose 29-O-Methylation by nsp16/nsp10 Protein Complex	PLoS Pathog. , 7 ( 10 ), e1002294, 2011.	Y., Chen
126.	Reconstitution and structural analysis of the yeast box H/ACA RNA-guided pseudouridine synthase	Gene Dev., 25: 2409-2421, 2011.	S., Li
127.	Structures of human pancreatic $\alpha$ -amylase in complex with acarviosatins: Implications for drug design against type II diabetes	J. Struct. Biol., 174, 196–202, 2011.	X. H., Qin
128.	Crystal Structure of Outer Membrane Protein NMB0315 from <i>Neisseria meningitidis</i>	PLoS ONE, 6 (10), e26845, 2011.	X. Y., Wang
129.	Structural insight into human variegate porphyria disease	FASEB J., Vol. 25, 53-64, 2011.	X. H., Qin
130.	Ultra-high resolution crystal structure of a dimeric defensin SPE10	FEBS Lett., 585, 300–306, 2011	X. M., Song
131.	Crystal structure of human Gadd45 reveals an active dimer	Protein Cell: 2(10), 814–826, 2011.	W. Z., Zhang
132.	Structure of the putative dihydroorotate dehydrogenase from <i>Streptococcus mutans</i>	ACTA CRYSTALLOGR F, F67, 182–187, 2011.	Y., Liu
133.	Structural basis of pre-mRNA recognition by the human cleavage factor Im complex	Cell Research: 21, 1039-1051, 2011.	H., Li
134.	Structural Insights into the Down-regulation of Overexpressed p185 <sup>her2/neu</sup> Protein of Transformed Cells by the Antibody chA21	J. Biol. Chem. , 286: 31676–31683, 2011.	H., Zhou
135.	A novel “open-form” structure of sortaseC from <i>Streptococcus suis</i>	Proteins, 2764-69, 2011.	G. W., Lu
136.	Crystal structure of a novel dimer form of FlgD from <i>P. aeruginosa</i> PAO1	Proteins, 2346-51, 2011.	H., Zhou
137.	ATRX ADD domain links an atypical histone methylation recognition mechanism to human mental-retardation syndrome	Nature Structural & Molecular Biology,	S., Iwase

		769-776, 2011.	
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