



生命科学与技术学院近五年发表的SCI文章

序号	论文名外	期刊名(外)	卷期页
1	Hybridization assay of insect antifreezing protein gene by novel multilayered porous silicon nucleic acid biosensor	Biosensors and Bioelectronics	2013, 39(1)329-333
2	Porous silicon optical microcavity biosensor on silicon-on-insulator wafer for sensitive DNA detection	Biosensors and Bioelectronics	2013, 44(15)89-94
3	Porous silicon optical microcavity biosensor on silicon-on-insulator wafer for sensitive DNA detection	Biosensors and Bioelectronics	2013, 44:89-94
4	Genetic polymorphism of 17 Y chromosomal STRs in Kazakh and Uighur populations from Xinjiang, China	International Journal of Legal Medicine	2014, 128(5)743-744
5	Small RNA deep sequencing reveals the important role of microRNAs in the halophyte <i>Halostachys caspica</i>	Plant Biotechnology Journal	2015, 13(3)395-408
6	<i>Pleurotus ferulae</i> water extract enhances the maturation and function of murine bone marrow-derived dendritic cells through TLR4 signaling pathway	Vaccine	2015, 16(33)1923-1933
7	Chemical properties in fruits of mulberry species from the Xinjiang province of China	Food Chemistry	2015, 174(9)460-466
8	Spectrometer-free biological detection method using porous silicon microcavity devices	Optics Express	2015, 23(19)24626-24633
9	Dynamic high pressure microfluidization-assisted extraction and bioactivities of <i>Cyperus esculentus</i> (<i>C. esculentus</i> L.)leaves flavonoids	Food Chemistry	2016, 192:319-327
10	Effect of silencing CYP6B6 of <i>Helicoverpa armigera</i> on its growth, development and insecticide tolerance	Journal of Economic Entomology	2016
11	Molecular imprint of the enzyme active site by camel nanobodies: rapid and efficient approach to produce abzymes with alliinase activity	journal of biological chemistry	2012, 287(17)13713-13721
12	Silencing of cytochrome P450 CYP6B6 gene of cotton bollworm(<i>Helicoverpa armigera</i>)by RNAi	Bulletin of entomological research	2013, 103(5)584-591
13	Granulocyte-Macrophage Colony-Stimulating Factor Enhances the Humoral Immune Responses of Mouse <i>Zona Pellucida 3</i> Vaccine Strategy Based on DNA and Protein Coadministration in BALB/c Mice	Reproductive sciences	2013, 20(4)400-407
14	A novel function-Thermal protective properties of an antifreeze protein from the summer desert beetle <i>Microdera punctipennis</i>	Cryobiology	2013, 66(1)60-68
15	The in vitro and in vivo antioxidant properties of <i>Cyperus esculentus</i> oil from Xinjiang, China	Journal of the science of food and agriculture	2013, 93(6)1505-1509
16	Identification of the 2-tridecanone 2 responsive region in the promoter of 3 cytochrome P450	Bulletin of Entomological	2014, 104 801-808

	CYP6B6 of the cotton 4 bollworm. <i>Helicoverpa armigera</i> 5 (Lepidoptera: Noctuidae)	Research	
17	Inheritances and location of powdery mildew resistance gene in <i>Edisto47</i>	Euphytica	2014, 195(3) 345-353
18	Application of a cDNA microarray for profiling the gene expression of <i>Echinococcus granulosus</i> protoscoleces treated with albendazole and artemisinin	Molecular and Biochemical Parasitology	2014, 198(2) 59-65
19	Fine mapping of a gene that confers palmately lobed leaf (p11) in melon (<i>Cucumis melo</i> L.)	Euphytica	2014, 200(3) 337-347
20	Differential proteome analysis of the cell differentiation regulated by BCC, CRH, CXCR4, GnRH, GPCR, IL1 signaling pathways in Chinese fire-bellied newt limb regeneration	Differentiation	2014, 88(4-5) 85-96
21	The immunoregulatory effects of Chinese herbal medicine on the maturation and function of dendritic cells	Journal of Ethnopharmacology	2015, 171(15), 184-195
22	A novel pyrazolone-based derivative induces apoptosis in human esophageal cells via reactive oxygen species ((ROS) generation and caspase-dependent mitochondria-mediated pathway	Chemico-Biological Interactions	2015, 231, 1-9
23	Ectopic overexpression of the aldehyde dehydrogenase ALDH21 from <i>Syntrichia caninervis</i> in tobacco confers salt and drought stress tolerance	Plant Physiology and Biochemistry	2015, 95(10) 83-91
24	Cadmium(II) complexes with 4-acyl pyrazolone derivative and co-ligands: crystal structure and antitumor activity	RSC Advances	2016, 6(116) 114997-115009
25	COMPARISON OF ANTIOXIDANT AND ANTIPROLIFERATIVE ACTIVITY BETWEEN KUNLUN CHRYSANTHEMUM FLOWERS POLYSACCHARIDES KCCP AND FRACTION PII SEPARATED BY COLUMN CHROMATOGRAPHY	JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES	2016, 1019, 169-177
26	Yeast one-hybrid screening the potential regulator of CYP6B6 overexpression of <i>Helicoverpa armigera</i> under 2-tridecanone stress	Bulletin of Entomological Research	2016, 106(2) 182-190
27	The combination of <i>Pleurotus ferulae</i> water extract and CpG-ODN enhances the immune responses and antitumor efficacy of HPV peptides pulsed dendritic cell-based vaccine	Vaccine	2016, 34(31) 568-3575
28	Accumulation of metallic elements by native species thriving in two mine tailings in Aletai, China.	Environ Earth Sci	2016, 75(9) 1-9
29	<i>Aspicilia volcanica</i> , a new saxicolous lichen from Northeast China	Mycotaxon	
30	<i>Rufibacter tibetensis</i> gen. nov., a novel member of the family Cytophagaceae isolated from soil	Antonie Van Leeuwenhoek international Journal of General and Molecular Microbiology	2012, 101(4) 725-731
31	Overexpression of a vacuolar H ⁺ -pyrophosphatase and a B subunit of H ⁺ -ATPase cloned from the halophyte <i>Halostachys caspica</i> improves salt tolerance in <i>Arabidopsis thaliana</i>	Plant Cell Tissue and Organ Culture	2012, 108(1) 63-71
32	Comparative effects of neutral salt and alkaline salt stress on seed germination, early seedling growth and physiological response of a halophyte species <i>Chenopodium glaucum</i>	African Journal of Biotechnology	2012, 11(40) 9572-9581
33	Identification and characterization of differentially expressed genes in the halophyte <i>Halostachys caspica</i> under salt stress	Plant Cell Tissue and Organ Culture	2012, 110(1) 1-12
34	Draft genome sequence of <i>Yersinia pestis</i> strain 2501, an isolate from the Great gerbil plague focus in Xinjiang, China	Journal of Bacteriology	2012, 194(19) 5447-5448

35	Differential expression of two antifreeze proteins in the desert beetle <i>Anatolica polita</i> (Coleoptera:Tenebrionidae): seasonal variation and environmental effects	Cryoletters	2012, 33 (5) 337-348
36	Isolation, molecular characterization and functional analysis of the vacuolar Na ⁺ /H ⁺ antiporter genes from the halophyte <i>Karelinia caspica</i>	Molecular Biology Reports	2012, 39 (6) 7193-7202
37	Overexpression of the halophyte <i>Kalidium foliatum</i> H ⁺ -pyrophosphatase gene confers salt and drought tolerance in <i>Arabidopsis thaliana</i>	molecular biology reports	2012, 39 (8) 7989-7996
38	Novel optical Immunoassay based on Macroporous silicon waveguide for determining hydroxysafflower yellowa	LATIN AMERICAN APPLIED RESEARCH	2012, 42 (1) 61-64
39	Isolation and characterization of a novel lectin with antifungal and antiproliferative activities from <i>Sophora alopecuroides</i> seeds	Acta Biochimica Et Biophysica Sinica	2012, 44 (7) 606-613
40	Differential gene expression in response to cold stress in <i>Lepidium apetalum</i> during seedling emergence	Biologia Plantarum	2012, 56 (1) 64-70
41	Study on properties of <i>Cyperus esculentus</i> starch grown in Xinjiang, China	Starch-Starke	2012, 64 (8) 581-589
42	The Effects of GM-CSF and IL-5 as Molecular Adjuvants on Immune Responses and Contraception Induced by mZP3 DNA Vaccination	American Journal of Reproductive Immunology	2012, 68 (6) 476-485
43	Intranasal Co-delivery with the Mouse Zona Pellucida 3 and GM-CSF Expressing Constructs Enhances Humoral Immune Responses and Contraception in Mice	Scandinavian Journal of Immunology	2012, 76 (6) 521-586
44	Expression of cytochrome P450 CYP6B6 in the different developmental stages of the insect <i>Helicoverpa armigera</i> (Lepidoptera:Noctuidae)	Eur. J. Entomol.	2013, 110 (1) 39-45
45	Antifreeze protein detection using Rhodamine B as photoluminescence label in porous silicon	Current Applied Physics	2013, 13 (4) 736-742
46	Antifreeze protein detection using Rhodamine B as photoluminescence label in porous silicon		2013, 13 (4) 736-742
47	Genetic diversities of cytochrome B in Xinjiang Uyghur unveiled its origin and migration history	BMC genetics	2013, 14 (100) 1-11
48	Seed germination, plant growth and physiological responses of <i>Salsola ikonnikovii</i> to short-term NaCl stress	Plant biosystems	2013, 147 (2) 285-297
49	Habitat dynamics and its influence on the genetic diversity of Tarim red deer (<i>Cervus elaphus yarkandensis</i>) Xayar population of Xinjiang, China	Quaternary International	2013, 311 (10) 140-145
50	Sexing live pupae and adults of two wax blooming beetles, <i>Colposcelis microderoides microderoides</i> and <i>Anatolica polita borealis</i>	Journal of insect science	2013, 36 (136) 1-8
51	Taxonomic notes on <i>Erythmelus Enoch</i> (Hymenoptera: Mymaridae) from Xinjiang, China, with description of a new species	Turkish Journal of Zoology	2013, 37 (4) 423-430
52	Changes in isoflavone glucoside and aglycone contents of chickpea yoghurt during fermentation by <i>Lactobacillus bulgaricus</i> and <i>Streptococcus thermophilus</i>	Journal of food processing and preservation	2013, 37 (5) 744-750
53	Molecular cloning and recombinant expression of cytochrome P450 CYP6B6 from <i>Helicoverpa armigera</i> in <i>Escherichia coli</i>	Mol Biol Rep	2013, 40 (2) 1211-1217
54	Purification and Characterization of a Novel antifungal Protein with antiproliferation and anti-HIV-1 reverse transcriptase activities from <i>Peganum harmala</i> seeds	Acta Bioch Biophys Sin	2013, 45 (2) 87-94
55	Expression and characterization of cecropinXJ, abioactive antimicrobial peptide from <i>Bombyx mori</i> (Bombycidae, Lepidoptera) in <i>Escherichia coli</i>	Experimental and therapeutic medicine	2013, 5 (6) 1745-1751

56	Development of Silicon-on-insulator-based nanoporous silicon photonic crystals for label-free DNA detection	Optical Engineering	2013, 52(6)064401(1-5)
57	<i>Sphingobacterium hotanense</i> sp nov., isolated from soil of a <i>Populus euphratica</i> forest, and emended descriptions of <i>Sphingobacterium daejeonense</i> and <i>Sphingobacterium shayense</i>	International journal of systematic and evolutionary microbiology	2013, 63(3)815-820
58	<i>Rhizobium tarimense</i> sp nov., isolated from soil in the ancient Khuyik River	International journal of systematic and evolutionary microbiology	2013, 63(7)2424-2429
59	Expression, purification and characterization of cecropin antibacterial peptide from <i>Bombyx mori</i> in <i>Saccharomyces cerevisiae</i>	Protein expression and purification	2013, 90(1)47-54
60	<i>Diploschistes xinjiangensis</i> , a new saxicolous lichen from northwest China	MYCOTAXON	2014, 129(2)465-471
61	Adaptation of the Egg of the Desert Beetle, <i>Microdera punctipennis</i> (Coleoptera: Tenebrionidae), to Arid Environment	Journal of Insect Science	2014, 14(246)1-8
62	Screening of Transgenic Frost-resistant Cotton Using a Porous Silicon Biosensing Platform	Cryoletters	2014, 35(1)70-76
63	CHARACTERIZATION AND EXPRESSION ANALYSIS OF SIX CHITINASE GENES FROM THE DESERT BEETLE MICRODERA PUNCTIPENNIS IN RESPONSE TO LOW TEMPERATURE	CryoLetters	2014, 35(5)438-448
64	Glyoxalase I in Tumor Cell Proliferation and Survival and as a Potential Target for Anticancer Therapy	Oncol Res Treat	2014, 37(10)570-574
65	De novo transcriptome of the desert beetle <i>Microdera punctipennis</i> (Coleoptera:Tenebrionidae) using illumine RNA-seq technology	Mol Biol Rep	2014, 41:7293-7303
66	CecropinXJ, a silkworm antimicrobial peptide, induces cytoskeleton disruption in esophageal carcinoma cells	Acta Biochim Biophys Sin(ABBS)	2014, 46(10)867-876
67	Molecular cloning, expression, and characterization of a <i>Sophora alopecuroides</i> lectin from <i>Escherichia coli</i>	Acta Biochimica et Biophysica Sinica	2014, 46(9)749-756
68	Maternal and paternal diversity in Xinjiang Kazakh population from China	RUSSIAN JOURNAL OF GENETICS	2014, 50(11)1218-1229
69	Genetic diversity among Chinese Hami melon and its relationship with melon germplasm of diverse origins revealed by microsatellite markers	Biochemical Systematics and Ecology	2014, 57:432-438
70	Genetic diversity among Chinese Hami melon and its relationship with melon germplasm of diverse origins revealed by microsatellite markers	BIOCHEMICAL SYSTEMATICS AND ECOLOGY	2014, 57:432-438
71	Maintenance of self-incompatibility in peripheral populations of a circumboreal woodland subshrub	Annals of Botany	2014, 6:plu063
72	<i>Rhizobium populi</i> sp. nov., an endophytic bacterium isolated from <i>Populus euphratica</i>	Int J Syst Evol Microbiol	2014, 64(9)3215-3221
73	Intranasal immunization with recombinant Lactococci carrying human papillomavirus E7 protein and mouse interleukin-12 DNA induces E7-specific antitumor effects in C57BL/6 mice	ONCOLOGY LETTERS	2014, 7(2)576-582
74	Paternal and maternal genetic analysis of a desert Keriyan population: Keriyan are not the descendants of Guge Tibetans	Public library of science one	2014, 9(6)1-13
75	Suppression of Tumor Growth by <i>Pleurotus ferulae</i> Ethanol Extract through Induction of Cell Apoptosis, and Inhibition of Cell Proliferation and Migration	Public library of science one	2014, 9(7)1-14
76	Synthesis, crystal structure and biological properties of one Zinc(II) complex based on 4-acyl pyrazolone derivative	Chin. J. Struct. Chem.	2015, 34(7)1019-1027
77	Enhancement effect of solutes of low molecular mass on the insect antifreeze protein ApAFP752 from <i>Anatolica polita</i>	J Therm Anal Calorim	2015, 120(1)307-315

78	Development of a Nondestructive Method for Sexing Live Adult <i>Sternoplax souvorowiana</i> (Coleoptera:Tenebrionidae)	Journal of Insect Science	2015, 15(1):1-5
79	Genetic differentiation between red deer from different sample sites on the Tianshan Mountains (<i>Cervus elaphus</i>), China	Mitochondrial DNA	2015, 26(1)101-111
80	Towards a revision of Chinese Succineidae: comparative morphology of two Succinea species from Xinjiang, northwestern China	Molluscan Research	2015, 35(2)102-111
81	Review of <i>Tumidiclava</i> Girault (Hymenoptera: Trichogrammatidae) from Xingjiang, China, with description of two new species and taxonomic notes on other Holarctic taxa	ZOOTAXA	2015, 3949(3)393-407
82	The immunoregulatory effects of traditional Chinese medicine on treatment of asthma or asthmatic inflammation	American Journal of Chinese Medicine	2015, 43(6)1059-1081
83	CecropinXJ inhibits the proliferation of human gastric cancer BGC823 cells and induces cell death in vitro and in vivo	INTERNATIONAL JOURNAL OF ONCOLOGY	2015, 46(5)2181-2193
84	Differentiation of the seed coat and composition of the mucilage of <i>Lepidium perfoliatum</i> L.: a desert annual with typical myxospermy	Acta Biochim Biophys Sin	2015, 47(10), 775-787
85	Contribution and distribution of inorganic ions and organic compounds to the osmotic adjustment in <i>Halostachys caspica</i> response to salt stress	Scientific Reports	2015, 5:13639
86	Characteristics of inositol phosphorylceramide synthase and effects of aureobasidin A on growth and pathogenicity of <i>Botrytis cinerea</i>	J. Gen. Appl. Microbiol.	2015, 61, 108-116
87	Isolation and characterization of twenty two polymorphic simple sequence repeat markers from AFLP sequences of <i>Crassostrea gigas</i>	Conservation Genetics Resources	2015, 7(3)659-661
88	Effects of salinity on the growth, physiology and relevant gene expression of an annual halophyte grown from heteromorphic seeds	AOB Plants	2015, 7, 1-12
89	Does persistence of showy calyces in <i>Limonium leptolobum</i> enhance pollinator attraction?	journal of plants ecology	2015, 8(2)182-186
90	The diversity of major histocompatibility complex class II DRB1 gene in sheep breeds from Xinjiang, China	TISSUE ANTIGENS	2015, 85(1)50-57
91	Phenylethanoid Glycosides from <i>Cistanche tubulosa</i> inhibits the growth of B16-F10 cells both in vitro and in vivo by induction of apoptosis via mitochondria-dependent pathway	Journal of Cancer	2016, 7(13) 1877-1887
92	Cloning of PEPC-1 from a C4 halophyte <i>Suaeda aralocaspica</i> without Kranz anatomy and its recombinant enzymatic activity in responses to abiotic stresses	Enzyme and Microbial Technology	2016, 83: 57-67
93	The antibacterial peptide from <i>Bombyx mori</i> cecropinXJ induced growth arrest and apoptosis in human hepatocellular carcinoma cells	ONCOLOGY LETTERS	2016, 12(1)57-62
94	<i>Sarcogyne saphyniana</i> sp. nov., a saxicolous lichen from northwestern China	MYCOTAXON	2016, 131(1)135-139
95	<i>Diploschistes tianshanensis</i> sp. nov., a corticolous species from Northwestern China	MYCOTAXON	2016, 131:565-574
96	The complete mitochondrial DNA sequence of the cape hare <i>Lepus capensis pamirensis</i>	Mitochondrial DNA	2016, 27(6)4572-4573
97	HEAT INDUCIBLE EXPRESSION OF ANTIFREEZE PROTEIN GENES FROM THE BEETLES <i>Tenebrio molitor</i> AND <i>Microdera punctipennis</i>	CryoLetters	2016, 37(1)10-18
98	Review of <i>Cosmocomoidea</i> (Hymenoptera: Mymaridae) from China, with descriptions of two new species	Zootaxa	2016, 4085 (4)525-535
99	Descriptions of three new species of <i>Dzhanokmenia</i> (Hymenoptera: Eulophidae) from China	Zootaxa	2016, 4121(4)447-457
100	<i>Anagrus turpanicus</i> sp. n. (Hymenoptera: Mymaridae) from China, an egg parasitoid of	Zootaxa	2016, 4161(4)573-578

	Arboridia kakogowana (Hemiptera: Cicadellidae)		
101	Expression and immunogenicity of recombinant glycoprotein D of herpes simplex virus 1 in <i>Drosophila</i> S2 cells	Preparative Biochemistry and Biotechnology	2016, 46(4)384-391
102	Cloning and characterization of metallothionein gene (HcMT) from <i>Halostachys caspica</i> and its expression in <i>E. coli</i> .	Gene	2016, 585: 221 - 227
103	<i>Pseudomonas populi</i> sp. nov., an endophytic bacterium isolated from <i>Populus euphratica</i>		2016, 66(3)1419-1425
104	Mathematical Model for Assessing Wort Filtration Performance Based on Granularity Analysis	Journal of the American Society of Brewing Chemists	2016, 74(3)191-199
105	Granulocyte-Macrophage Colony-Stimulating Factor Enhances the Humoral Immune Responses of Mouse <i>Zona Pellucida</i> 3 Vaccine Strategy Based on DNA and Protein Coadministration in BALB/c Mice	Reproductive Sciences	2012

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地址: 新疆维吾尔自治区乌鲁木齐市胜利路666号 邮编: 830000