

生物工程与食品学院2018年收录论文一览表

序号	论文题目	第一作者/通讯作者	发表刊物/论文集
1	Synthesis and Characterization of Carboxyl-terminated Polyethylene Glycol Functionalized Mesoporous Silica Nanoparticles	刘明星	Journal of Wuhan University of Technology-Mater. Sci. Ed
2	Hydroxyl radical-induced early stage oxidation improves the foaming and emulsifying properties of ovalbumin	李述刚	Poultry Science
3	Stability and digestibility of one- or bi-layered medium chain triglyceride emulsions with gum Arabic and whey proteins isolates by pancreatic lipase in vitro	姚晓琳	Food & Function
4	Novel Cordyceps vinegar functions as free radical scavenger	王军	Chinese Medicine
5	Inhibition of enterovirus 71 replication and viral 3C protease by quercetin.	魏艳红	Virol J.
6	emulsions and application of hydrocolloids at Phillips Hydrocolloids Research Centre	西成胜好	Food Hydrocolloids
7	Gold Nanorods-based Multifunctional Nanocarrier for Synergistic Chemo-photothermal Therapy in Tumor	孙宏浩	RSC advances
8	Transcriptomic analysis of cells in response to EV71 infection and 2Apro as a trigger for apoptosis via TXNIP gene.	魏艳红	Genes & Genomics
9	Comparison of Phytochemical Profiles and Antiproliferative Activities of Different Proanthocyanidins Fractions from Choerospondias axillaris Fruit Peels	李倩	Food Research International
10	Simple preparation of photothermal nanomaterial GNR@SiO ₂ with enhanced drug loading content	孙宏浩	IET Nanobiotechnology
11	Synthesis and Characterization of Carboxyl Modified Mesoporous Silica Nanoparticles with Disulfide Bond as a Cross Linker	刘明星	Materials Science and Engineering
12	The Effect on the Morphology of Mesoporous Silica Nanoparticles Modified with Different Functional Groups	刘明星	Materials Science and Engineering
13	Purification and characterization of alkaline lipase production by Pseudomonas	蔡俊	Biotechnology & Biotechnological Equipment
14	The preparation of Ag-TiO ₂ and the study on its bacteriostatic	孙宏浩	IOP Conference Series: Earth and Environmental Science
15	Increasing the distance between two monomers of topoisomerase II β under the action of antitumor agent 4'-demethylepipodophyllotoxin derivatives	汤亚杰	Scientific Reports
16	Fermentation Improves the Potentiality of Capsicum on Decreasing High-fat Diet-induced Obesity in C57BL/6 mice Modulating Lipid Metabolism and Hormones Response	胡勇	Food Research International
	Thermal conductivity, structure and mechanical properties of		

18	Controlled-release urea encapsulated by ethyl cellulose/butyl acrylate/vinyl acetate hybrid latex	镇达	Polish Journal of Chemical Technology
19	Identification, Characterization and High-Performance Liquid Chromatography Quantification for Process-Related Impurities in Abiraterone Acetate Bulk Drug	苏江涛	Journal of Chromatographic Science
20	Discover the leading compound of 4b-S-(5-fluorobenzoxazole)-4'-deoxy-4'-demethylepipodophyllotoxin with millimolar-potency toxicity by modifying the molecule	汤亚杰	European Journal of Medicinal Chemistry
21	Preparation and stability of nano-scaled gel beads of λ -carrageenan bound with ferric ions	姚晓琳	International Journal of Biological Macromolecules
22	Cell Signaling of <i>Caenorhabditis elegans</i> in Response to Enterotoxigenic <i>Escherichia coli</i> Infection and <i>Lactobacillus zeae</i> Protection	周梦舟	Frontier in immunology
23	Regulatory networks governing methionine catabolism into volatile organic sulfur-containing compounds in <i>Clonostachys rosea</i>	汤亚杰	Applied and Environmental Microbiology
24	Ambient storage of microencapsulated <i>Lactobacillus plantarum</i> ST-III by complex coacervation of type-A gelatin and gum arabic	赵萌	Food & Function
25	cleavage of C-C and C-O bonds to form C-C bonds: direct cross-coupling between acetylenic alcohols and benzylic carbonates	糜志远	EUROPEAN JOURNAL OF ORGANIC CHEMISTRY
26	Impact of titanium dioxide on the bioaccessibility of β -carotene in emulsions with different particle sizes	李倩	Journal of Agricultural and Food Chemistry
27	Effect of alkaline electrolyzed water on physicochemical and structural properties of apricot protein isolate	李述刚	Food Science and biotechnology
28	Induced exopolysaccharide synthesis and the molecular mechanism in <i>Synechocystis</i> sp. PCC 6803 under clinorotation	张玉	Microgravity-Science and Technology
29	Analysis of Protein Moiety of Polysaccharide Conjugates Water- extracted from Low Grade Green Tea	陈小强	Chem. Res. Chin. Univ.
30	Thermostable ethanol tolerant xylanase from a cold-adapted marine species <i>Acinetobacter johnsonii</i>	薛栋升	Chinese Journal of Chemical Engineering
31	p53/PIK specific inhibitor interacts with PCNA and inhibits cell cycle progression in <i>Saccharomyces cerevisiae</i>	夏献民	Basic & Clinical Pharmacology & Toxicology
32	The Preparation of Gold Magnetic Nanoparticles Through Layer-by-Layer Assembly Technique	孙宏浩	IOP Conf. Series: Materials Science and Engineering
33	Preparation and characterization of calcium carbonate microspheres and their potential application as drug carriers	宋娟	MOLECULAR MEDICINE REPORTS
34	Fe ₃ O ₄ @PAM@NTA-Ni ²⁺ Magnetic Composite Nanoparticles for Highly Specific Separation of His-tagged Proteins	郭惠玲	Journal of Wuhan University of Technology-Mater.Sci.Ed.
35	Hydrophobic pore gates regulate ion permeation in polycystic kidney disease 2 and 2L1 channels	陈兴珍	Nature communications

36	The Current Status of PrEP in Key Populations	张毅	Journal of Advances in Molecular Biology
37	Relationship Between Yolk Sac Liquid Crystal Formation and Calcium Transport in Pigeon Egg Yolk Sac Endoderm	宋娟	Agricultural Research
38	Effect of alkanol surface grafting on the hydrophobicity of starch-based films	乔冬玲	International Journal of Biological Macromolecules
39	Controllable hydrophilicity-hydrophobicity and related properties of konjac glucomannan and ethyl cellulose composite films	吴考	Food Hydrocolloids
40	Effect of zein-based microencapsules on the release and oxidation of loaded limonene	姚晓琳	Food Hydrocolloids
41	Increasing of activity and thermostability of cold active butanol tolerant endoglucanase from a marine <i>Rhodococcus</i> sp. under high concentrations of butanol	曾徐浩	3 Biotech
42	温度和溶剂条件对阿拉伯胶和透明质酸相分离导致的分子分级的影响	胡冰	International Journal of Biological Macromolecules
43	Relationships between cooking properties and physicochemical properties in brown and white rice	吴考	Starch-Starke
44	Synthesis of Gd-functionalized Fe ₃ O ₄ @polydopamine nanocomposites for T1/T2 dual-modal magnetic resonance imaging-guided photothermal therapy	孙红梅	New Journal of Chemistry
45	Exploring the sequence–structure–function relationship for the intrinsically disordered $\beta\gamma$ -crystallin Hahellin	黄永棋	Journal of Biomolecular Structure and Dynamics
46	Effect of citrus peel on phenolic compounds, organic acids and antioxidant activity of soy sauce	徐宁	LWT - Food Science and Technology
47	Enhancing emulsification and antioxidant ability of egg albumin by	袁江兰	food research international
48	Using Green Fluorescence Protein as Probe to Screen Compound Rescuing Non-Sense Mutation of the Tumor Suppressor p53 Gene	苏正定	Biophysical Journal
49	Crystal Structure and Characterization of 3-Ketosteroid- Δ 1-Dehydrogenase from <i>Mycobacterium</i> Strain HGMS2GL	苏正定	Biophysical Journal
50	Crystal Structure and Characterization of Δ 5-3-Ketosteroid Isomerase from <i>Mycobacterium</i> Strain HGMS2GL	苏正定	Biophysical Journal
51	An Efficient Cell Model for Screening Small Molecule Agonists of GLP-1 Receptor	苏正定	Biophysical Journal
52	Identification of the Flexible Regions Differentiating Ligand-Binding Affinity for Mdm2 and MdmX	苏正定	Biophysical Journal
53	Effect of the Flexible Regions of the Oncoprotein Mouse Double Minute X on Inhibitor-Binding Affinity	苏正定	Biophysical Journal

54	A Protein Biosynthesis Machinery Strategy for Identifying P53PTC - Rescuing Compounds as Synergic Anti - Tumor Drugs	苏正定	ChemistrySelect
55	Ethanol tolerant endoglucanase from <i>Aspergillus niger</i> isolated from wine	薛栋升	Biocatalysis and Agricultural Biotechnology
56	Synthesis and characterization of rhodamine B-ethylenediamine-hyaluronan acid as potential biological functional materials	刘明星	Materials Science and Engineering
57	Microstructure and filtration performance of konjac glucomannan-based aerogels strengthened by wheat straw	姜发堂	International Journal of Low-Carbon Technologies
58	Stability, microstructure and rheological behavior of konjac glucomannan-zein mixed systems	倪学文	Carbohydrate Polymers
59	Direct Binding between Pre-S1 and TRP-like Domains in TRPP Channels Mediates Gating and Functional Regulation by PIP2	陈兴珍	Cell Reports
60	Exploring the Roles of Proline in Three-Dimensional Domain Swapping from Structure Analysis and Molecular Dynamics Simulations	黄永棋	Protein Journal
61	Effect of sodium alginate on the stability of soybean natural oil body emulsions	杨楠	RSC Advances
62	A cold adapt and ethanol tolerant endoglucanase from a marine	薛栋升	Chinese Journal of Chemical Engineering
63	PrEP: AIDS-Free Hope in Namibia?	王军	International Journal of Biology
64	Synthesis and characterization of hyaluronic acid modified colloidal mesoporous silica nanoparticles	刘明星	Materials Science and Engineering
65	Screening and purification of a novel thermophilic esterase in Chinese Daqu liquor	张玉	Advances in Food Sciences
66	Recent advances in the study of hepatitis B virus covalently	胡康洪	VIROLOGICA SINICA