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学术论文

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化工学院2016年以来一区论文

序号	论文题目	期刊	发表时间	第一或通讯作者	SCI一区类别
1	Supercritical fluid-assisted controllable fabrication of open and highly interconnected porous scaffolds for bone tissue engineering	SCIENCE CHINA Life Sciences	2019-12-15	陈爱政	生物1区
2	Reduction of Organoarsenical Herbicides and Antimicrobial Growth Promoters by the Legume Symbiont Sinorhizobium meliloti	Environmental Science & Technology	2019-12-03	闫钰	环境科学与生态学1区
3	Effects of Marichromatium gracile YL28 on the nitrogen management in the aquaculture pond water	Bioresource Technology	2019-11-01	杨素萍	工程技术1区
4	Metal Species-Encapsulated Mesoporous Silica Nanoparticles: Current Advancements and Latest Breakthroughs	Advanced Functional Materials	2019-10-15	陈爱政	工程技术1区
5	Rational Engineering of Multilayered Co ₃ O ₄ /ZnO Nanocatalysts through Chemical Transformations from Matryoshka-Type ZIFs	Advanced Functional Materials	2019-10-10	詹国武	工程技术1区
6	Unraveling interactive characteristics of microbial community associated with bioelectric energy production in sludge fermentation fluid-fed microbial fuel cells	Bioresource Technology	2019-10-01	辛晓东	工程技术1区
7	Gas-mediated cancer bioimaging and therapy	ACS Nano	2019-09-20	陈丽婵	工程技术1区
8	Rerouting engineered metal-dependent shapes of mesoporous silica nanocontainers to biodegradable Janus-type (sphero-ellipsoid) nanoreactors for chemodynamic therapy	Chemical Engineering Journal	2019-08-15	陈爱政	工程技术1区
9	Supercritical Fluid-Assisted Fabrication of Manganese (III) Oxide Hollow Nanozymes Mediated by Polymer Nanoreactors for Efficient Glucose Sensing Characteristics	ACS Applied Materials & Interfaces	2019-08-14	陈爱政	工程技术1区
10	Kinetics and Thermodynamics of CO ₂ Absorption into a Novel DETA-AMP-PMDETA Biphasic Solvent	ACS Sustainable Chemistry & Engineering	2019-08-05	吕碧洪	化学1区
11	Effect of microplastics exposure on the photosynthesis system of freshwater algae	Journal of Hazardous Materials	2019-07-15	郭沛涌	环境科学与生态学1区
12	Supercritical Fluid-Assisted Porous Microspheres for Efficient Delivery of Insulin and Inhalation Therapy of Diabetes	Advanced Healthcare Materials	2019-06-15	陈爱政	工程技术1区
13	Highly Porous Microcarriers for Minimally Invasive In Situ Skeletal Muscle Cell Delivery	Small	2019-06-01	陈爱政	工程技术1区
14	Exceptional activity over the submonolayer MoO ₃ motif on TiO ₂ for nitrogen oxide emission abatement	Environmental Science & Technology	2019-05-07	黄志伟	环境科学与生态学1区
15	Preparation and characterization of octenyl succinic anhydride modified agarose derivative	Food Chemistry	2019-05-01	陈国	农林科学1区
16	Chemisorption and kinetic mechanisms of elemental mercury on immobilized V ₂ O ₅ /TiO ₂ at low temperatures	Journal of Hazardous Materials	2019-04-15	申华臻	生物1区
17	Catalytic performance and mechanism of graphene electrode doped with S and N heteroatoms for N-(4-hydroxyphenyl)ethanamide electrochemical Check tor degradation	Journal of Hazardous Materials	2019-04-15	张倩	环境科学与生态学1区
18	Preparation and characterization of amino/thiol bifunctionalized magnetic nanoadsorbent and its application in rapid removal of Pb (II) from aqueous system	Journal of Hazardous Materials	2019-04-15	陈国	环境科学与生态学1区
19	Dual Functional Modification of Alkaline Amino Acids Induces the Self-Assembly of Cylinder-Like Tobacco Mosaic Virus Coat Proteins into Gear-Like Architectures	Small	2019-03-08	张建庭	工程技术1区
20	Fabrication of Ultrathin 2D Cu-BDC Nanosheets and the Derived Integrated MOF Nanocomposites	Advanced Functional Materials	2019-02-28	詹国武	工程技术1区

21	Oxidation of bisphenol A by persulfate via Fe ₃ O ₄ -alpha-MnO ₂ nanoflower-like catalyst: Mechanism and efficiency	Chemical Engineering Journal	2019-02-01	洪俊明	工程技术1区
22	An integrated approach for waste activated sludge management towards electric energy production/resource reuse	Bioresource Technology	2019-02-01	辛晓东	工程技术1区
23	Low-viscosity and efficient regeneration of carbon dioxide capture using a biphasic solvent regulated by 2-amino-2-methyl-1-propanol	Applied Energy	2019-02-01	荆国华	工程技术1区
24	Synthetic architecture of integrated nanocatalysts with controlled spatial distribution of metal nanoparticles	Chemical Engineering Journal	2019-01-01	詹国武	工程技术1区
25	Degradation of acetaminophen with ferrous/copperoxide activate persulfate: Synergism of iron and copper	Water Research	2018-12-01	洪俊明	环境科学与生态学1区
26	Fabrication of Integrated Cu ₂ O@HKUST-1@Au Nanocatalysts via Galvanic Replacements toward Alcohols Oxidation Application	ACS Applied Materials & Interfaces	2018-09-20	詹国武	工程技术1区
27	Biomass-to-Methanol by dual-stage entrained flow gasification: Design and techno-economic analysis based on system modeling	Journal of Cleaner Production	2018-09-05	杨时颖	环境科学与生态学1区
28	Deciphering acetaminophen electrical catalytic degradation using single-form S doped graphene/Pt/TiO ₂	Chemical Engineering Journal	2018-07-01	张倩	工程技术1区
29	A novel biphasic solvent of amino-functionalized ionic liquid for CO ₂ capture: High efficiency and regenerability	Journal of CO ₂ Utilization	2018-05-31	荆国华	工程技术1区
30	In Vitro Model To Assess Arsenic Bioaccessibility and Speciation in Cooked Shrimp	Journal of Agricultural and Food Chemistry	2018-05-09	侯艳伟	农林科学1区
31	Solvothermal fabrication of La-WO ₃ /SrTiO ₃ heterojunction with high photocatalytic performance under visible light irradiation	Solar Energy Materials & Solar Cells	2018-03-01	黄昀昉	工程技术1区
32	Fast fabricated high performance antisolvent-free perovskite solar cells via dual-flash process	Electrochimica Acta	2018-01-01	黄昀昉	工程技术1区
33	Synthesis of 3-(Arylsulfonyl)benzothiophenes and Benzosenophenes via TBHP-Initiated Radical Cyclization of 2-Alkynylthioanisoles or -selenoanisoles with Sulfinic Acids	Organic Letters	2017-12	许健	化学1区
34	Human health risk assessment and source analysis of metals in soils along the G324 Roadside, China, by Pb and Sr isotopic tracing	Geoderma	2017-11	胡恭任	农林科学1区
35	Fabrication of arbitrary 3D components in cardiac surgery: from macro-, micro-to nanoscale	Biofabrication	2017-09	陈爱政	工程技术1区
36	Merging gold catalysis, organocatalytic oxidation, and Lewis acid catalysis for chemodivergent synthesis of functionalized oxazoles from N-propargylamides	Chemical Communications	2017-09	宋秋玲	化学1区
37	Base-controlled highly selective synthesis of alkyl 1,2-bis(boronates) or 1,1,2-tris(boronates) from terminal alkynes	Green Chemistry	2017-09	宋秋玲	化学1区
38	Cu-Catalyzed Synthesis of 3-Formyl Imidazo[1,2-a]pyridines and Imidazo[1,2-a]pyrimidines by Employing Ethyl Tertiary Amines as Carbon Sources	Organic Letters	2017-09	宋秋玲	化学1区
39	Supercritical Fluid Technology: An Emphasis on Drug Delivery and Related Biomedical Applications	Advanced Healthcare Materials	2017-08	陈爱政	工程技术1区
40	Visible-light-induced thiotrifluoromethylation of terminal alkenes with sodium triflinate and benzenesulfonothioates	Chemical Communications	2017-08	宋秋玲	化学1区
41	Co-catalyzed highly selective C(sp ³)-H nitration	Chemical Communications	2017-08	宋秋玲	化学1区
42	Divergent Synthesis of Disulfanes and Benzenesulfonothioates Bearing 2-	Angewandte Chemie	2017-06	宋秋玲	化学1区

	Aminofurans From N-Tosylhydrazone-Bearing Thiocarbamates	International Edition			
43	Pd-Catalyzed Regioselective 1,2-Difunctionalization of Vinylarenes with Alkenyl Triflates and Aryl Boronic Acids at Ambient Temperature	Organic Letters	2017-05	宋秋玲	化学1区
44	Possible Insecticidal Mechanisms Mediated by Immune-Response-Related Cry-Binding Proteins in the Midgut Juice of <i>Plutella xylostella</i> and <i>Spodoptera exigua</i>	Journal of Agricultural and Food Chemistry	2017-03	林毅	农林科学1区
45	Lewis Acid-Mediated [3+3] Annulation for the Construction of Substituted Pyrimidine and Pyridine Derivatives	Advanced Synthesis & Catalysis	2017-03	宋秋玲	化学1区
46	Silver-Catalyzed Radical-Involved Cascade Cyclization of Diphenylphosphine with Cinnamamides: Access to 2-Phosphinoyl-3H-pyrrolo[1,2-a]indoles	Organic Letters	2017-03	许健	化学1区
47	Copper/B(2)pin(2)-catalyzed C-H difluoroacetylation-cycloamidation of anilines leading to the formation of 3,3-difluoro-2-oxindoles	Chemical Communications	2017-02	宋秋玲	化学1区
48	Copper-Catalyzed 1,6-Hydrodifluoroacetylation of para-Quinone Methides at Ambient Temperature with Bis(pinacolato)diboron as Reductant	Advanced Synthesis & Catalysis	2017-02	宋秋玲	化学1区
49	Anti-inflammatory activity of 3 beta-hydroxycholest-5-en-7-one isolated from <i>Hippocampus trimaculatus</i> leach via inhibiting iNOS, TNF-alpha, and IL-1 beta of LPS induced RAW 264.7 macrophage cells	Food & Function	2017-02	宋秋玲	农林科学1区
50	Pd-Catalyzed Regioselective Arylboration of Vinylarenes	Organic Letters	2016-11	宋秋玲	化学1区
51	Diboron-Assisted Palladium-Catalyzed Transfer Hydrogenation of N-Heteroaromatics with Water as Hydrogen Donor and Solvent	Organic Letters	2016-08	轩晴晴	化学1区
52	(Z)-Selective Synthesis of γ,δ -Unsaturated Ketones via Pd-Catalyzed Ring-Opening of 2-Alkylencyclobutanones with Arylboronic Acids	Organic Letters	2016-08	宋秋玲	化学1区
53	Diborane-Mediated Deoxygenation of o-Nitrostyrenes to form Indoles	Organic Letters	2016-08	宋秋玲	化学1区
54	Palladium-Catalyzed Nitration of Meyer-Schuster Intermediates with tBuONO as Nitrogen Source at Ambient Temperature	Organic Letters	2016-07	宋秋玲	化学1区
55	The effect of sodium chloride on the pyrolysis of rice husk	Applied Energy	2016-06	李宝霞	工程技术1区
56	Co-pyrolysis characteristics of the sugarcane bagasse and <i>Enteromorpha prolifera</i>	Energy Conversion and Management	2016-05	李宝霞	工程技术1区
57	Cellulose sulfate based film with slow-release antimicrobial properties prepared by incorporation of mustard essential oil and beta-cyclodextrin	Food Hydrocolloids	2016-04	陈国	工程技术1区
58	Unraveling characteristics of nutrient removal and microbial community in a novel aerated landscape - Activated sludge ecological system	Bioresource Technology	2016-04	洪俊明	工程技术1区
59	Enhanced thermal stability of lichenase from <i>Bacillus subtilis</i> 168 by SpyTag/SpyCatcher-mediated spontaneous cyclization	Biotechnology for Biofuels	2016-03	张光亚	工程技术1区
60	An efficient absorbent of amine-based amino acid-functionalized ionic liquids for CO ₂ capture: High capacity and regeneration ability	Chemical Engineering Journal	2016-01	吕碧洪	工程技术1区
61	Transition-metal-free regioselective synthesis of alkylboronates from arylacetylenes and vinyl arenes	Green Chemistry	2016-01	宋秋玲	化学1区

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