化学与材料科学学院2018年发表论文统计表

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| **序号** | **作者** | **作者排名** | **是否通讯作者** | **论文名称** | **刊物名称** | **刊物性质** | **ISSN** | 论文分区 | 影响因子 |
| 1 | 李团结 | 6 | 是 | NHC-Catalyzed Efficient Syntheses of Isoquinolinones or Isochromanones through Formal [4+2] Cycloaddition of o-Quinodimethanes with Acylhydrazones or Ketones | ChemistrySelect | SCI | 1359-7345 | 四区 | 1.505 |
| 2 | 童敏曼 | 1 | 是 | Computation-Ready, Experimental Covalent Organic Framework for Methane Delivery: Screening and Material Design | The Journal of Physical Chemistry C | SCI | 1932-7447 | 二区TOP | 4.484 |
| 3 | 王海营 | 4 | 是 | Two metal–organic frameworks based on carboxyphenyl–terpyridine ligands: Synthesis, structure and highly luminescent sensing of nitrobenzene | Polyhedron | SCI | 0277-5387 | 四区 | 2.07 |
| 4 | 王晓军 | 10 | 是 | Highly Efficient and Selective Photooxidation of Sulfur Mustard Simulant by a Triazolobenzothiadiazole-Moiety-Functionalized Metal–Organic Framework in Air | Inorganic Chemistry | SCI | 0020-1669 | 二区TOP | 4.7 |
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| 8 | 冯秋梅 | 1 | 否 | Direct electrochemical detection of guanosine-5′-monophosphate at choline monolayer supported and gold nanocages functionalized carbon nanotubes sensing interface | Sensors and Actuators B: Chemical | SCI | 0925-4005 | 一区 | 5.667 |
| 9 | 冯秋梅 | 1 | 是 | Construction of a Cytosine-Adjusted Electrochemiluminescence Resonance Energy Transfer System for MicroRNA Detection | Langmuir | SCI | 0743-7463 | 二区TOP | 3.789 |
| 10 | 郝文娟 | 4 | 是 | Merging “Anti-Baldwin” 3-Exo-Dig Cyclization with 1,2-Alkynyl Migration for Radical Alkylalkynylation of Unactivated Olefins | Organic Letters | SCI | 1523-7060 | 一区 | 6.492 |
| 11 | 郝文娟 | 4 | 是 | Pd(II)-Catalyzed Carbonyl-Directing Activation of Alkenes: Selective Fluorosulfonylation and Aminosulfonylation of 1,7-Enynes | the Journal of Organic Chemistry | SCI | 0022-3263 | 二区TOP | 4.805 |
| 12 | 郝文娟 | 3 | 是 | Visible-light photocatalytic bicyclization of β-alkynyl propenones for accessing diastereoenriched syn-fluoren-9-ones | Chemical Communications | SCI | 1359-7345 | 一区 | 6.29 |
| 13 | 郝文娟 | 2 | 是 | Recent Advances in Radical-​Enabled Bicyclization and Annulation​/1,​n-​Bifunctionalization Reactions | Chemistry - An Asian Journal | SCI | 1861-4728 | 二区 | 3.692 |
| 14 | 贾文林 | 1 | 是 | Response of nitrite accumulation and microbial characteristics to low intensity static magnetic field during partial nitrification | Bioresource Technology | SCI | 0960-8524 | 一区 | 5.807 |
| 15 | 姜波 | 6 | 是 | Tunable Cu(I)-catalyzed site-selective dehydrogenative amination of β,γ-unsaturated hydrazones for divergent synthesis of pyrazol- 4-ones and 1,6-dihydropyradazines | Organic Chemistry Frontiers | SCI | 2052-4129 | 二区 | 5.455 |
| 16 | 姜波 | 7 | 是 | Metal-free naphthannulation reactions of yne-allenone esters for accessing polycyclic aromatic hydrocarbons | Chemical  Communications | SCI | 1359-7345 | 一区 | 6.29 |
| 17 | 姜波 | 7 | 是 | Substrate-Controlled Generation of 3‑Sulfonylated 1‑Indenones and 3‑Arylated (Z)‑Indenes via Cu-Catalyzed Radical Cyclization Cascades of o‑Alkynylbenzonitriles | the Journal of Organic Chemistry | SCI | 0022-3263 | 二区TOP | 4.805 |
| 18 | 姜波 | 5 | 是 | Recent advances in radical transformations of internal alkynes | Chemical  Communications | SCI | 1359-7345 | 一区 | 6.29 |
| 19 | 姜波 | 7 | 是 | N‑Sulfonyl Bisimidazoline Ligands and Their Applications in Pd(II)- Catalyzed Asymmetric Addition toward α‑Tertiary Amines | Organic Letters | SCI | 1523-7060 | 一区 | 6.492 |
| 20 | 姜波 | 5 | 是 | Fe(III)-catalyzed bicyclization of yne-allenones with indoles for the atom-economic synthesis of 3-indolyl cyclobutarenes | Frontiers in Chemistry | SCI | 2296-2646 | 二区 | 4.155 |
| 21 | 金海善 | 2（共同第一） | 否 | Protecting-Group-Free Synthesis of 3-Amino-3-α-prenyl-oxindoles through the Direct Prenylation of Isatin-Derived Imines | European Journal of Organic Chemistry | SCI | 1434-193X | 三区 | 2.882 |
| 22 | 刘会艳 | 1 | 是 | Assembly of Two Metal−Organic Frameworks Based on Distinct Cobalt Dimeric Building Blocks Induced by Ligand Modification: Gas Adsorption and Magnetic Properties | Inorganic Chemistry | SCI | 0020-1669 | 二区TOP | 4.7 |
| 23 | 刘明凯 | 7 | 是 | Hierarchical Carbon@SnS2 Aerogel with “Skeleton/Skin” Architectures as a High-Capacity, High-Rate Capability and Long Cycle Life Anode for Sodium Ion Storage | ACS Applied Materials & Interfaces | SCI | 1944-8244 | 一区 | 8.097 |
| 24 | 刘明凯 | 6 | 是 | High Areal Capacitance for Lithium Ion Storage Achieved by a Hierarchical Carbon/MoS2 Aerogel with Vertically Aligned Pores | ACS Appl. Energy Mater. | SCI |  | 暂未分区 |  |
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| 27 | 刘飒 | 1 | 是 | Metallic iron doped vitamin B12/C as efficient nonprecious metal catalysts for oxygen reduction reaction | International Journal of Hydrogen Energy | SCI | 0360-3199 | 二区TOP | 4.229 |
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| 30 | 刘飒 | 1 | 是 | On an Easy Way to Prepare Fe, S, N Tri-Doped Mesoporous Carbon Materials as Efficient Electrocatalysts for Oxygen Reduction Reaction | Electrocatalysis | SCI | 1868-5994 | 三区 | 2.889 |
| 31 | 孙立鸣 | 1 | 否 | Understanding the facet-dependent catalyticperformance of hematite microcrystals in a CO oxidation reaction | Inorganic chemistry frontiers | SCI | 2052-1553 | 二区TOP | 5.106 |
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| 33 | 屠树江 | 7 | 是 | Stereoselective synthesis of sulfonated 1-indenones via radical-triggered multi-component cyclization of b-alkynyl propenones | Chemical  Communications | SCI | 1359-7345 | 一区 | 6.29 |
| 34 | 屠树江 | 6 | 是 | Thiazolium salt-catalyzed C–C triple bond cleavage for accessing substituted 1-naphthols via benzannulation | Chemical  Communications | SCI | 1359-7345 | 一区 | 6.29 |
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| 36 | 屠树江 | 5 | 是 | Catalytic Double [2 + 2] Cycloaddition Relay Enabled C−C Triple Bond Cleavage of Yne−Allenones | Organic Letters | SCI | 1523-7060 | 一区 | 6.492 |
| 37 | 屠树江 | 7 | 是 | Atom-economic synthesis of cyclobuta[a] naphthalen-4-ols via a base-promoted [2 + 2] cycloaddition/1,6-nucleophilic addition cascade | Organic & Biomolecular Chemistry | SCI | 1477-0520 | 三区 | 3.423 |
| 38 | 屠树江 | 8 | 是 | I2‑Mediated Iodobenzannulation of Yne-Allenones toward 1‑Naphthols and Their Synthetic Application | the Journal of Organic Chemistry | SCI | 0022-3263 | 二区TOP | 4.805 |
| 39 | 屠树江 | 4 | 是 | A new dehydrogenative [4 + 1] annulation between para-quinone methides (p-QMs) and iodonium ylides for the synthesis of 2,3-dihydrobenzofurans | Organic Chemistry Frontiers | SCI | 2052-4129 | 二区 | 5.455 |
| 40 | 王健 | 1 | 否 | Aldehyde-functionalized metal–organic frameworks for selective sensing of homocysteine over Cys, GSH and other natural amino acids | Chemical  Communications | SCI | 1359-7345 | 一区 | 6.29 |
| 41 | 王健 | 1 | 是 | Highly Efficient Visible-Light-Driven H2 Production via an Eosin Y-Based Metal–Organic Framework | Inorganic Chemistry | SCI | 0020-1669 | 二区TOP | 4.7 |
| 42 | 王颇 | 1 | 是 | Construction of a paper-based electrochemical biosensing platform for rapid and accurate detection of adenosine triphosphate (ATP) | Sensors and Actuators B: Chemical | SCI | 0925-4005 | 一区 | 5.667 |
| 43 | 王颇 | 6 | 是 | Label-Free Platform for MicroRNA Detection Based on the Fluorescence Quenching of Positively Charged Gold Nanoparticles to Silver Nanoclusters | Analytical Chemistry | SCI | 0003-2700 | 一区 | 6.042 |
| 44 | 王颇 | 4 | 是 | Direct electrochemical detection of guanosine-5-monophosphate at choline monolayer supported and gold nanocages functionalized carbon nanotubes sensing interface | Sensors and Actuators B: Chemical | SCI | 0925-4005 | 一区 | 5.667 |
| 45 | 武鹏彦 | 3 | 是 | A squaramide-based metal–organic framework as a luminescent sensor for the detection of lactose in aqueous solution and in milk | Chemical  Communications | SCI | 1359-7345 | 一区 | 6.29 |
| 46 | 武鹏彦 | 3 | 是 | Photoactive metal–organic framework as a bifunctional material for 4-hydroxy-4′-nitrobiphenyl detection and photodegradation of methylene blue | Dalton Transactions | SCI | 1477-9226 | 二区 | 4.099 |
| 47 | 武鹏彦 | 4 | 是 | A bi-metallic MOF catalyst via sensitive detection & adsorption of Fe3+ ions for size-selective reaction prompting | Dalton Transactions | SCI | 1477-9226 | 二区 | 4.099 |
| 48 | 闫岩 | 2 | 是 | Extraordinary lithium ion storage capability achieved by SnO2 nanocrystals with exposed {221} facets† | NANOSCALE | SCI | 2040-3364 | 一区 | 7.233 |
| 49 | 杨凤磊 | 1 | 是 | Synthesis, structures and magnetic properties of three copper(II) complexes of 2-(1H-pyrazol-3-yl) pyridine | Transition Metal Chemistry | SCI | 0340-4285 | 四区 | 1.261 |
| 50 | 展雯雯 | 3 | 否 | Engineering an effective noble-metal-free photocatalyst for hydrogen evolution: hollow hexagonal porous micro-rods assembled from In2O3@carbon core–shell nanoparticles | Journal of Materials Chemistry A | SCI | 2050-7488 | 一区 | 9.931 |
| 51 | 赵立明 | 6 | 是 | Access to 3‑Prenylated Oxindoles by α‑Regioselective Prenylation: Application to the Synthesis of (±)-Debromoﬂustramine E | Organic Letters | SCI | 1523-7060 | 一区 | 6.492 |
| 52 | 王庆红 | 1 | 否 | Research progress on vanadium-based cathode materials for sodium ion batteries | Journal of Materials Chemistry A | SCI | 2050-7488 | 一区 | 9.9 |
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| 54 | 王庆红 | 7 | 是 | Facile Fabrication of Honeycomb-like Carbon Network-Encapsulated Fe/Fe 3 C/Fe 3 O 4 with Enhanced Li-Storage Performance | ACS Applied Materials & Interfaces | SCI | 1944-8244 | 一区 | 8.097 |
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| 56 | 李亮 | 5 | 是 | Study of the Effects of the Magnetic Field on the Anodic Dissolution of Nickel With In-Line Digital Holography | International Journal of Electrochemical Science | SCI | 1452-3981 | 四区 | 1.369 |
| 57 | 荣良策 | 7 | 是 | An Efficient Fe-H2O Medium In-situ Reduction and Cyclization Reaction for the Synthesis of Pyrazolo[3,4-a]acridin-10-one and Pyrazolo[4,3-a]acridin-10-one Derivatives | Synthesis | SCI | 1943-5193 | 三区 | 2.722 |
| 58 | 荣良策 | 6 | 是 | The efficient in-situ reduction and cyclization reaction of aromatic aldehyde, 1,3-cyclopentanedione (tetronic acid), and nitro-compound under SnCl2⸳2H2O-THF medium | Applied Organometallic Chemistry | SCI | 0268-2605 | 三区 | 3.581 |
| 59 | 荣良策 | 5 | 是 | A green synthesis of 1,7‑dihydrodipyrazolo[3,4‑b:4′,3′‑e] pyridin‑3(2H)‑one derivatives from deamination cyclization reactions in aqueous medium | Research on Chemical Intermediates | SCI | 0922-6168 | 四区 | 1.674 |
| 60 | 朱广州 | 1 | 否 | An Efficient Synthesis of 1',7',8',9'-Tetrahydrospiro[indoline-3,4'-pyrazolo[3,4-b]quinoline]- 2,5'(6'H) -dione Derivatives in Aqueous Medium | Journal of Heterocyclic Chemistry | SCI | 0022-152X | 四区 | 1.141 |
| 61 | 韩锡光 | 7 | 是 | Engineering an N-doped TiO2@N-doped C butterfly-like nanostructure with long-lived photo-generated carriers for efficient photocatalytic selective amine oxidation | Journal of Materials Chemistry A | SCI | 2050-7488 | 一区 | 9.931 |
| 62 | 韩锡光 | 1 | 是 | MOF-derived honeycomb-like N-doped carbon structures assembled from mesoporous nanosheets with superior performance in lithium-ion batteries | Journal of Materials Chemistry A | SCI | 2050-7488 | 一区 | 9.931 |
| 63 | 韩锡光 | 1 | 是 | MOF-derived honeycomb-like N-doped carbon structures assembled from mesoporous nanosheets with superior performance in lithium-ion batteries | ACS Catalysis | SCI | 2155-5435 | 一区 | 11.384 |
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| 69 | 刘蕴 | 4 | 是 | Copper-catalyzed aerobic cyclizations of tetrahydroisoquinolines with bromoketones and alkenes for the synthesis of 5,6-dihydropyrrolo[2,1-a]isoquinolines | Organic Biomolecular Chemistry | SCI | 1477-0520 | 三区 | 3.423 |
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| 74 | 王香善 | 3 | 是 | Dioxane-Involving Reaction for the Synthesis of 3-Aryl-1-(2-(vinyloxy)ethoxy)isoquinolines Catalyzed by AgOTf | Organic & Biomolecular Chemistry | SCI | 1477-0520 | 三区 | 3.546 |
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| 77 | 赵文峰 | 1 | 是 | Ultrasensitive free bilirubin detection in whole blood via counting quantum dots aggregates at single nanoparticle level | Sensors & Actuators: B. Chemical | SCI | 0925-4005 | 一区 | 5.667 |
| 78 | 贾文林 | 1 | 否 | Response of greenhouse gas emissions and microbial community dynamics to temperature variation during partial nitrification | Bioresource technology | SCI |  | 一区 | 5.651 |
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| 80 | 石枫 | 5 | 是 | Catalytic Asymmetric [2+3] Cyclizations of Azlactones with Azonaphthalenes | Angewandte Chemie, International Edition | SCI | 1433-7851 | 一区 | 12.102 |
| 81 | 石枫 | 5 | 是 | Metal-Catalyzed (4 + 3) Cyclization of Vinyl Aziridines with para-Quinone Methide Derivatives | ACS Catalysis | SCI | 2155-5435 | 一区 | 11.384 |
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| 84 | 石枫 | 5 | 是 | Application of Homophthalic Anhydrides as 2C Building Blocks in Catalytic Asymmetric Cyclizations of ortho-Quinone Methides: Diastereo- and Enantioselective Construction of Dihydrocoumarin Frameworks | Advanced Synthesis & Catalysis | SCI | 1615-4150 | 二区TOP | 5.123 |
| 85 | 石枫 | 6 | 是 | Design of C3-Alkenyl-Substituted 2-Indolylmethanols for Catalytic Asymmetric Interrupted Nazarov-Type Cyclization | Advanced Synthesis & Catalysis | SCI | 1615-4150 | 二区TOP | 5.123 |
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| 87 | 石枫 | 5 | 是 | Diastereo- and Enantioselective Construction of Dihydrobenzo[e]indole Scaffolds via Catalytic Asymmetric [3+2] Cycloannulations | Journal of Organic Chemistry | SCI | 0022-3263 | 二区TOP | 4.805 |
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| 89 | 石枫 | 5 | 是 | Catalytic Asymmetric [4+2] Cycloaddition of in Situ Generated o‑Quinone Methide Imines with o‑Hydroxystyrenes: Diastereo- and Enantioselective Construction of Tetrahydroquinoline Frameworks | Journal of Organic Chemistry | SCI | 0022-3263 | 二区TOP | 4.805 |
| 90 | 石枫 | 6 | 是 | Catalytic Asymmetric Dearomative [3 + 2] Cycloaddition of Electron-Deficient Indoles with All-Carbon 1,3-Dipoles | Journal of Organic Chemistry | SCI | 0022-3263 | 二区TOP | 4.805 |
| 91 | 石枫 | 6 | 是 | Diastereo- and enantioselective construction of chiral cyclopenta[b]indole framework via a catalytic asymmetric tandem cyclization of 2-indolymethanols with 2-naphthols | Organic Chemistry Frontiers | SCI | 2052-4129 | 二区 | 5.455 |
| 92 | 石枫 | 8 | 是 | Catalytic enantioselective and regioselective substitution of 2,3-indolyldimethanols with enaminones | Organic Chemistry Frontiers | SCI | 2052-4129 | 二区 | 5.455 |
| 93 | 石枫 | 6 | 是 | Synergistic-Catalysis-Enabled Reaction of 2-Indolymethanols with Oxonium Ylides for the Construction of 3-Indolyl-3-Alkoxy Oxindole Frameworks | Chemistry - An Asian Journal | SCI | 1861-4728 | 二区 | 3.692 |
| 94 | 石枫 | 6 | 是 | Metal-Catalyzed Oxa-[4+2] Cyclizations of Quinone Methides with Alkynyl Benzyl Alcohols | Journal of Organic Chemistry | SCI | 0022-3263 | 二区TOP | 4.805 |
| 95 | 石枫 | 5 | 是 | A catalytic asymmetric interrupted Nazarov-type cyclization of 2-indolylmethanols with cyclic enaminones | Organic & Biomolecular Chemistry | SCI | 1477-0520 | 三区 | 3.423 |
| 96 | 石枫 | 5 | 是 | Direct C3-arylations of 2-indolylmethanols with tryptamines and tryptophols via an umpolung strategy | Organic & Biomolecular Chemistry | SCI | 1477-0520 | 三区 | 3.423 |
| 97 | 渠陆陆 | 8 | 是 | Highly reproducible solid-phase extraction membrane for removal and surface-enhanced Raman scattering detection of antibiotics | Journal of Material Science | SCI | 0022-2461 | 三区 | 2.993 |
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| 99 | 渠陆陆 | 1 | 否 | Recyclable Visible Light-driven Og-C3N4/GO/N-CNT Membrane for Efficient Removal of Organic Pollutants | ACS Applied Materials & Interfaces | SCI | 1944-8244 | 一区 | 8.097 |
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| 102 | 陈国建 | 1 | 是 | Constructing POSS and viologen-linked porous cationic frameworks induced by the Zincke reaction for efficient CO2 capture and conversion | Chemical  Communications | SCI | 1359-7345 | 一区 | 6.29 |
| 103 | 杨国海 | 1 | 是 | Removal of Antibiotics From Water with an All-Carbon 3D Nanofiltration Membrane | Nanoscale Research Letters | SCI | 556-276X | 二区 | 3.125 |
| 104 | 杨国海 | 6 | 是 | Thin layer chromatography combined with surface-enhanced ramanspectroscopy for rapid sensing aflatoxins | Journal of Chromatography A | SCI | 0021-9673 | 二区 | 3.713 |
| 105 | 杜本妮 | 1 | 否 | Quantum chemical study on the role of water in the reaction of singlet methoxysulfonyl nitrene CH3OS(O)2N | Chemical Physics Letters | SCI | 0009-2614 | 四区 | 1.668 |
| 106 | 张为超 | 2 | 是 | The mechanism of pyrolysis of 2-azidoethanol: A theoretical study | Computational and Theoretical Chemistry | SCI | 2210-271X | 四区 | 1.443 |
| 107 | 杨舜 | 5 | 是 | Surface-Engineered Hollow Polymer Spheres for Efficient Enrichment and Photodegradation of Aqueous Organic Wastes | ChemistrySelect | SCI | 2365-6549 | 四区 | 1.505 |
| 108 | 盖艳丽 | 1 | 否 | A new strategy for constructing disulfide-functionalized ZIF-8 analogue using structure-directing ligand-ligand covalent interaction | Chemical  Communications | SCI |  | 一区 | 6.29 |
| 109 | 盖艳丽 | 6 | 是 | Europium Coordination Compound with Highly Improved Luminescent Quantum Yield | Chinese Journal of Structural Chemistry | SCI |  | 四区 | 0.659 |
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| 111 | 熊克才 | 8 | 是 | A cyano-bridged Cu(I)-based organic framework coupled with the C–C bond cleavage of acetonitrile for selective and sensitive sensing of Fe3+ ions | Dalton Transactions | SCI |  | 二区 | 4.099 |
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