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序号	文章题目	期刊，年份，卷（期），页码	作者
1	(BEDT-TTF)2Cu2(HCOO)5: An Organic-Inorganic Hybrid Conducting Magnet	ChemistryOPen, 2017, 6, 320-324	张斌
2	3D carbon nanoframe scaffold-immobilized Ni3FeN nanoparticle electrocatalysts for rechargeable zinc-air batteries' cathodes	Nano Energy,40, 382-389, 2017	Wang Qing
3	3-Hydroxy-2-[(4-hydroxybenzyl)azaniumyl]propanoate monohydrate	IUCrData, 2017, 2, x170271	Min Gao
4	A convenient dynamic loading device for studying kinetics of phase transitions and metastable phases using symmetric	High Pressure Research,2017, 38(1): 1-9	程虎
5	A dioxidovanadium (V) complex of NNO-donor Schiff base as a selective inhibitor of protein tyrosine phosphatase 1B: Synthesis, characterization, and biological activities	European Journal of Medicinal Chemistry, 2017, 128, 287-292	Yuqi Jia
6	A liquid crystal material as the third component for ternary polymer solar cells with an efficiency of 10.83% and enhanced stability	Journal of Materials Chemistry A, 5, 13145-13153, 2017	马晓玲
7	A liquid-to-liquid crossover in GaIn eutectic alloy	Phys. Rev. B, 2017, 95, 224203	Q. Yu
8	A new method for developing defect-rich graphene nanoribbons/onion-like carbon@Co nanoparticles hybrid materials as an excellent catalyst for oxygen reactions	Nanoscale, 2017, 9, 1738-1744	Yang Wenxiu
9	A three-dimensional hierarchically porous Mo2C architecture: salt-template synthesis of a robust electrocatalyst and anode material towards the hydrogen evolution reaction and lithium storage	J. Mater. Chem. A, 2017, 5, 20228-20238	Meng Tao
10	A two-dimensional porous framework: solvent-induced structural transformation and selective adsorption towards malachite green	Dalton Transactions, 2017,46, 8350-8353	李焕芝
11	AA 7055 铝合金时效析出过程的小角度 X 射线散射定量表征	Acta Metallurgica Sinica, 2017, 53, 897-906	陈军洲

12	Abnormal enhancement of ferromagnetism for LaMnO3+ δ thin films with decreasing oxygen pressure	AIP Advances, 2017, 7, 055837	A.M. Zhang
13	Activating cobalt(II) oxide nanorods for efficient electrocatalysis by strain engineering	Nature Communications, 2017, 8, 1509	Tao Ling
14	Active {010} facet-exposed Cu2MoS4 nanotube as high-efficiency photocatalyst	Nano Research, 2017, 10(11): 3817–3825	Zhang Ke
15	Active Tetrahedral Iron Sites of γ -Fe2O3 Catalyzing NO Reduction by NH3	Environmental Science & Technology Letters, 2017, 4 (6), 246–250	Weiye Qu
16	Adsorption isotherm, mechanism, and geometry of Pb(II) on magnetites substituted with transition metals	Chemical Geology, 2017, 470,132-140	Liang Xiaoliang
17	AI-BL1.0: a program for automatic on-line beamline optimization using the evolutionary algorithm	J. Synchrotron Rad., 2017. 24, 367-373	席识博
18	Aligned growth of millimeter-size hexagonal boron nitride single-crystal domains on epitaxial nickel thin film	Small ,13, 1604179 (2017)	Junhua Meng
19	Alternative difference analysis scheme combining R-space EXAFS fit with global optimization XANES fit for X-ray transient absorption spectroscopy	J. Synchrotron Rad., 2017, 24, 818–824	Fei Zhan
20	Alumina Supported CoFe Alloy Catalysts Derived from Layered Double Hydroxide Nanosheets for Efficient Photothermal CO2 Hydrogenation to Hydrocarbons	Advanced Materials,2017, 30, 1704663	Guangbo Chen
21	Amorphous ferric oxide as a hole‐extraction and transfer layer on nanoporous bismuth vanadate photoanode for water oxidation	Chinese Journal of Catalysis, 38, 1045, 2017	钱岭
22	Amorphous Metallic NiFeP: A Conductive Bulk Material Achieving High Activity for Oxygen Evolution Reaction in Both Alkaline and Acidic Media	Advanced Materials, 2017, 29, 1606570	胡飞
23	Amorphous nickel-cobalt complexes hybridized with 1T-phase molybdenum disulfide via hydrazine-induced phase transformation for water splitting	Nat Commun., 2017; 8: 15377	Li Haoyi
24	Amorphous nickel-iron oxides/carbon nanohybrids for an efficient and durable oxygen evolution reaction	Nano Research, 2017, 10, 3629–3637	Li Bo

25	An experimental study of the local electronic structure of B-site gallium doped bismuth ferrite powders	Physics Letters A, 2017, 381, 2367-2373	吐尔洪·吾拉木
26	An EXAFS investigation of the mechanism of competitive sorption between Co(II) and Ni(II) at γ-alumina/solution interface	Acta Geochimica, 2017, 36, 462–464	苟文贤
27	An experimental study of the local electronic structure of B-site gallium doped bismuth ferrite powders	Physics Letters A, 2017, 381, 2367-2373	Turghunjan Gholam
28	An ultrafast front-end ASIC for APD array detectors in X-ray time-resolved experiments	Chinese Physics C, 2017, 41, 6	周杨帆
29	Anisotropically biaxial strain in non-polar (11-20) plane InxGa1−xN/GaN layers investigated by X-ray reciprocal space mapping	Scientific Reports, 2017, 7, 4497	赵桂娟
30	Anomalous compression behavior of ~12 nm nanocrystalline TiO2	Journal of Applied Physics, 2017, 121, 215209	王齐明
31	Anomalous resistivity upturn in epitaxial L2(1)-Co2MnAl films	SCIENTIFIC REPORTS, 2017 , 7 :42931	Zhu L.J.
32	Application of Synchrotron Radiation Technologies to Electrode Materials for Li- and Na-Ion Batteries	Advanced Energy Materials, 2017, 7, 1700460	黄伟峰
33	Application of X-ray absorption near edge spectroscopy to the study of the effect of sulfate on selenium uptake and assimilation in wheat seedlings (Triticum aestivum)	Biologia Plantarum,61(4): 726-732, 2017	黄青青
34	Application of Synchrotron Radiation X-ray Fluorescence to Investigate Thedistribution of A rsenic in Different Organs of Panax Notoginseng	Applied Ecology and Environmental Research, 2017, 15, 335	Chen,L
35	Aquointermediate Assisted Highly Orientated Perovskite Thin Films toward Thermally Stable and Efficient Solar Cells	Adv. Energy Mater., 2017, 7, 1601433	李闻哲
36	Atomic layer confined vacancies for atomic-level insights into carbon dioxide electroreduction	Nat Commun., 2017, 8: 14503	Gao Shan
37	Atomically Dispersed Copper–Platinum Dual Sites Alloyed with Palladium Nanorings Catalyze the Hydrogen Evolution Reaction	Angew. Chem. Int. Ed.,56, 16047–16051, 2017	Chao Tingting

38	Atomically Dispersed Fe/N-Doped Hierarchical Carbon Architectures Derived from a Metal–Organic Framework Composite for Extremely Efficient Electrocatalysis	ACS Energy Lett., 2017, 2 (2), 504–511	Zhu Qi-Long
39	Atomic-layered Au clusters on α-MoC as catalysts for the low-temperature water-gas shift reaction	Science ,357, 389-393, 2017	姚思宇
40	Atomic-level energy storage mechanism of cobalt hydroxide electrode for pseudocapacitors	Nat Commun., 2017; 8: 15194	邓霆
41	Atomic-Level Insight into Optimizing the Hydrogen Evolution Pathway over a Co1-N4 Single-Site Photocatalyst	Angew. Chem. Int. Ed., 2017, 56, 12191-12196	曹元杰
42	Atomic-Level-Designed Catalytically Active Palladium Atoms on Ultrathin Gold Nanowires	Advanced Materials, 2017, 29(7), 1604571	Liu Rui
43	Benzothiadiazole-based D-p-A-p-D fluorophores: Synthesis, self-assembly, thermal and photophysical characterization	Dyes and Pigments,2017, 147, 190-198	Haipeng Fang
44	Bi-centric view of the isostructural phase transitions in α-Bi2Se3 and α-Bi2Te3	Phys. Status Solidi B, 2017, 254, 1700007	朱海亮
45	Bioorganometallic ferrocene-tripeptide nanoemulsions	Nanoscale, 2017, 9, 15323–15331	杨雪娇，王跃飞
46	Bis-Diketopyrrolopyrrole Moiety as a Promising Building Block to Enable Balanced Ambipolar Polymers for Flexible Tansistors	Advanced materials, 36, 1606162, 2017	杨杰、王翰林
47	Black Tungsten Nitride as a Metallic Photocatalyst for Overall Water Splitting Operable at up to 765 nm	Angew. Chem. Int. Ed.,2017, 56, 7430-7434	王雨蕾
48	Boosting the Electrocatalytic Activity of Co3O4 Nanosheets for a Li-O2 Battery through Modulating Inner Oxygen Vacancy and Exterior Co3+/Co2+ Ratio	ACS Catal. ,2017, 7, 6533−6541	Junkai Wang, Rui Gao
49	Brønsted base site engineering of graphitic carbon nitride for enhanced photocatalytic activity	J. Mater. Chem. A,2017, 5, 19227-19236	Wang Xue Lu
50	Bulk self-assembly and ionic conductivity of a block copolymer containing an azobenzene-based liquid crystalline polymer and a poly(ionic liquid)	Polymer Chemistry,2017, 8, 1689-1698	张玉栋
51	Carbon Dioxide Electroreduction into Syngas Boosted by a Partially Delocalized Charge in Molybdenum Sulfide Selenide Alloy Monolayers	Angew. Chem. Int. Ed.,2017, 56, 9121-9125	Xu Jiaqi
52	Carrier effects on ferromagnetism of MnxGe1−x quantum dots	Applied Physics Letters, 111, 072103 (2017)	L. Wang

53	Cation composition sensitive visible quantum cutting behavior of high efficiency green phosphors Ca9Ln(PO4)7:Tb3+ (Ln = Y, La, Gd)	Journal of Materials Chemistry C,2017,5, 872	F. Zhang
54	Chemical Insights into the Design and Development of Face-Centered Cubic Ruthenium Catalysts for Fischer–Tropsch Synthesis	J. Am. Chem. Soc.,2017, 139 (6), 2267–2276	李为真
55	Co Nanoparticles Encapsulated in N-Doped Carbon Nanosheets: Enhancing Oxygen Reduction Catalysis without Metal–Nitrogen Bonding	ACS Appl. Mater. Interfaces,2017, 9 (44), 38499–38506	Zhang Xinlei
56	CO2/Water Emulsions Stabilized by Partially Reduced Graphene Oxide	ACS Appl. Mater. Interfaces,2017, 20, 17614-17620	刘乘乘
57	Colossal magnetoresistance at wide temperature range in Pr0.7Sr0.3MnO3 film grown on (0001) sapphire	J Mater Sci: Mater Electron,28:11275–11278, 2017	Haiou Wang
58	Comparative study of S, Fe and Cu speciation transformation during chalcopyrite bioleaching by mixed mesophiles and mixed thermophiles	Minerals Engineering, 106 (2017) 22–32	Hong-chang Liu
59	Competitive complexation of solid lanthanide nitrates with tri-n-butyl phosphate in n-hexane	Journal of Radioanalytical and Nuclear Chemistry,2017, 311, 483–489	Wang Zhuangfei
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61	Composition dependent relaxation in La-Al-Ni/Cu metallic glasses	J. Alloys & Compounds,2017, 726, 1024	J. Zhang
62	Compressibility of natural manganite at high pressure: Influence of Jahn-Teller effect and hydrogen bond	High Temperatures-High Pressures,2017, 46(1), 61-79	赵东宇
63	Confocal depth-resolved fluorescence micro-X-ray absorption spectroscopy for the study of cultural heritage materials: a new mobile endstation at the Beijing Synchrotron Radiation Facility	J. Synchrotron Rad. ,2017. 24, 1000-1005	陈光
64	Control of supramolecular nanoassemblies by tuning the interactions of bent-shaped rod–coil molecules	Soft Matter,2017, 13, 3334	Shengnan You
65	Cooperative Electron–Phonon Coupling and Buckled Structure in Germanene on Au (111)	ACS Nano, 2017, 11, 3553	J. Zhuang
66	Correlation of alkylaluminum cocatalyst in Nd-based ternary catalyst with the polymerization performance of isoprene Polymer	Polymer,2017, 119(16): 176-184	H. L. Guo

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68	Counits Content and Stretching Temperature-Dependent Critical Stress for Destruction of γ Crystals in Propylene−Ethylene Random Copolymers	ACS OMEGA, 2017, 2, 6896-6205	赵佳仪
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71	Crystallization and Preliminary Crystallographic Analysis of Thioredoxin-dependent Thiol Peroxidase (SF2523) From Shigella flexneri 2a str. 301	Progress in Biochemistry and Biophysics, 2017, 253-258	刘永
72	Crystallization and X-ray diffraction analysis of native and selenomethionine-substituted PhyH-DI from Bacillus sp. HJB17	Acta Crystallographica Section F Structural Biology Communications, 2017, F73, 607-611	鲁芳
73	Crystallization of Hard Segments in MDI/BD-based Polyurethanes Deformed at Elevated Temperature and Their Dependence on the MDI/BD Content	European Polymer Journal, 2017, 97, 423-436	李许可
74	Crystallization Temperature Dependence of Cavitation and Plastic Flow in the Tensile Deformation of Poly(ε -caprolactone)	The Journal of Physical Chemistry B, 2017, 121, 6673-6684	姜志勇
75	Crystallographic-plane tuned Prussian-blue wrapped with RGO: a high-capacity, long-life cathode for sodium-ion batteries	J. Mater. Chem. A, 2017, 5, 3569-3577	Wang Hui
76	Defect-Engineered Ultrathin δ -MnO2 Nanosheet Arrays as Bifunctional Electrodes for Efficient Overall Water Splitting	Advanced Energy Materials, 2017, 7, 1700005	Yunxuan Zhao
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80	Design and property study of micro-slot optics	Chemistry Select, 2017, 2：8577-8582	王雨婷

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82	Design of ultrathin Pt-Mo-Ni nanowire catalysts for ethanol electrooxidation	Science Advances, 2017, 3, 1603068	Mao Junjie 陈文星
83	Development of an integrated four-channel fast avalanche-photodiode detector system with nanosecond time resolution	Nuclear Instructurements & Methods In Physics Research Section A -Accelerators Spectrometers Detectors and Associated Equipment, 2017, 870, 43-49	李贞杰
84	Development of picosecond time-resolved X-ray absorption spectroscopy by high-repetition-rate laser pump/X-ray probe at Beijing Synchrotron Radiation Facility	J. Synchrotron Radiation,2017, 24, 667 – 673	Hao Wang
85	Dielectric and mechanical properties of polyimide composite films reinforced with graphene nanoribbon.	Surface & Coatings Technology, 2017, 320, 497-502	刘晓旭
86	Diesel soot elimination over potassium-promoted Co3O4 nanowires monolithic catalysts under gravitation contact mode	Applied Catalysis B: Environmental, 2017, 218: 32-45	曹春梅
87	Dipole-correlated carrier transportation and orbital reconfiguration in strain-distorted SrNb xTi1 xO3/KTaO3	Physical Chemistry Chemical Physics, 2017,19, 29913-29917	Jikun Chen
88	Direct self-focusing synthesis of monodisperse [Au8(PPh3)7]2+ nanoclusters	Dalton Trans., 2017, 46, 12239-12244	Huang Ting
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106	Electric field modulated conduction mechanism in Al/BaTiO3/La0.67Sr0.33MnO3 heterostructures	Applied Physics Letters,111, 062901, 2017	郑东兴
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117	Enhanced catalytic performance for CO preferential oxidation over CuO catalysts supported on highly defective CeO2 nanocrystals	Applied Surface Science,2017, 422, 932-943	王成
118	Enhanced Framework Rigidity of a Zeolitic Metal-Azolate via Ligand Substitution	Crystals,2017, 7, 99	高宏强
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