

2017年度百次引用论文奖

序号	研究组	论文题目	作者	组长	期刊名称	发表日期	卷	页码	总引次数	他引次数	国外机构他引	国内机构他引
1	201	Dihydrophenanthridine: A New and Easily Regenerable NAD(P)H Model for Biomimetic Asymmetric Hydrogenation	陈庆安, 高凯, 段英, 叶智识, 时磊, 杨雁, 周永贵	周永贵	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	2012	134	2442-2448	128	111	54	57
2	209	Rh(III)- and Ir(III)-Catalyzed C - H Alkynylation of Arenes Under Chelation Assistance	谢芳, 戚自松, 于松杰, 李兴伟	李兴伟	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	2014	136	4780-4787	203	186	86	100
3	209	Synthesis of 2-Pyridones and Iminoesters via Rh(III)-Catalyzed Oxidative Coupling between Acrylamides and Alkynes	苏艳, 赵秒, 韩克利, 宋国勇, 李兴伟	李兴伟	ORGANIC LETTERS	2010	12	5462-5465	131	113	71	42
4	209	Palladium-Catalyzed Oxidative Cross-Coupling between Pyridine N-Oxides and Indoles	公雪, 宋国勇, 张泓, 李兴伟	李兴伟	ORGANIC LETTERS	2011	13	1766-1769	132	123	62	61
5	209	Rhodium-Catalyzed C-H Activation of Phenacyl Ammonium Salts Assisted by an Oxidizing C-N Bond: A Combination of Experimental and Theoretical Studies	于松杰, 刘松, 蓝宇, 万伯顺, 李兴伟	李兴伟	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	2015	137	1623-1631	131	104	33	71
6	209	Substrate Activation Strategies in Rhodium(III)-Catalyzed Selective Functionalization of Arenes	宋国勇, 李兴伟	李兴伟	Accounts of Chemical Research	2015	48	1007-1020	324	271	131	140
7	501	Hydrogen production from ethanol over Ir/CeO ₂ catalysts: A comparative study of steam reforming, partial oxidation and oxidative steam reforming	蔡伟杰, 王发根, 展恩胜, Van Veen, A. C., Mirodatos Claude, 申文杰	申文杰	JOURNAL OF CATALYSIS	2008	257	96-107	112	100	56	44
8	501	Rod-Shaped Fe ₂ O ₃ as an Efficient Catalyst for the Selective Reduction of Nitrogen Oxide by Ammonia	牟效玲, 张炳森, 李勇, 姚利德, 苏党生, 申文杰	申文杰	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	2012	51	2989-2993	118	111	18	93
9	501	Morphology control of cobalt oxide nanocrystals for promoting their catalytic performance	谢晓伟, 申文杰	申文杰	NANOSCALE	2009	1	50-60	126	118	55	63

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10	501	Stabilized Gold Nanoparticles on Ceria Nanorods by Strong Interfacial Anchoring	塔娜, 刘景月, Chenna Santhosh ; Crozier Peter A., 李勇, 陈阿玲, 申文杰	申文杰	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	2012	134	20585-20588	129	125	38	87
11	502	Catalysis with two-dimensional materials and their heterostructures	邓德会, 康斯坦丁·诺沃肖洛夫, 傅强, 郑南峰, 田中群, 包信和	傅强	NATURE NANOTECHNOLOGY	2016	11	218-230	194	178	60	118
12	502	Size-Dependent Electrocatalytic Reduction of CO ₂ over Pd Nanoparticles	高敦峰, 周虎, 王静, 苗澍, 杨帆, 汪国雄, 王建国, 包信和	傅强	Journal of The American Chemical Society	2015	137	4288-4291	145	133	63	70
13	502	Enhanced Electron Penetration through an Ultrathin Graphene Layer for Highly Efficient Catalysis of the Hydrogen Evolution Reaction	邓尧, 任鹏举, 邓德会, 包信和	傅强	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	2015	54	2100-2104	212	204	25	179
14	502	Podlike N-Doped Carbon Nanotubes Encapsulating FeNi Alloy Nanoparticles: High-Performance Counter Electrode Materials for Dye-Sensitized Solar Cells	郑霄家, 邓尧 (共同第一作者), 王楠, 邓德会, 张文华, 包信和, 李灿	傅强	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	2014	53	7023-7027	133	123	31	91
15	502	Triggering the electrocatalytic hydrogen evolution activity of the inert two-dimensional MoS ₂ surface via single-atom metal doping	邓尧, 李昊博(共同第一作者), 肖建平, 涂云川, 邓德会, 杨槐馨, 田焕芳, 李建奇, 任鹏举, 包信和	傅强	ENERGY & ENVIRONMENTAL SCIENCE	2015	8	1594-1601	131	125	27	98
16	503	Surface phases of TiO ₂ nanoparticles studied by UV Raman spectroscopy and FT-IR spectroscopy	苏玮光, 张静, 冯兆池, 陈涛, 应品良, 李灿	李灿	JOURNAL OF PHYSICAL CHEMISTRY C	2008	112	7710-7716	134	129	71	58
17	503	Roles of cocatalysts in Pt-PdS/CdS with exceptionally high quantum efficiency for photocatalytic hydrogen production	杨金辉, 鄢洪建, 王秀丽, 温福宇, 王志君, 范大勇, 施晶莹, 李灿	李灿	JOURNAL OF CATALYSIS	2012	290	151-157	131	123	33	90
18	503	Enhancement of the Performance of a Platinum Nanocatalyst Confined within Carbon Nanotubes for Asymmetric Hydrogenation	陈志坚, 管再鸿, 李明润, 杨启华, 李灿	李灿	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	2011	50	4913-4917	109	104	32	77

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19	503	Phosphotungstic Acid Encapsulated in Metal-Organic Framework as Catalysts for Carbohydrate Dehydration to 5-Hydroxymethylfurfural	张艳梅, Degirmenci, Volkan; 李灿, Hensen, Emiel J. M	李灿	CHEMSUSCHEM	2011	4	59-64	109	105	50	55
20	503	Highly efficient photocatalysts constructed by rational assembly of dual-cocatalysts separately on different facets of BiVO ₄	李仁贵, 韩洪宪, 章福祥, 王冬娥, 李灿	李灿	Energy & Environmental Sciences	2014	7	1369-1376	130	120	88	32
21	504	Metal-organic framework nanosheets as building blocks for molecular sieving membranes	彭媛, 李砚硕, 班宇杰, 金花, 矫文美, 刘新磊, 杨维慎	杨维慎	Science	2014	346	1356-1359	234	217	105	112
22	504	An organophilic pervaporation membrane derived from metal-organic framework nanoparticles for efficient recovery of bio-alcohols	刘新磊, 李砚硕, 朱广奇, 班宇杰, 徐龙伢, 杨维慎	杨维慎	Angewandte Chemie International Edition	2011	50	10636-10639	150	134	64	70
23	504	Microwave synthesis of zeolite membranes: a review	李砚硕, 杨维慎	杨维慎	Journal of Membrane Science	2008	316	3-17	121	105	63	42
24	506	Functionalized periodic mesoporous organosilicas for catalysis	杨启华, 刘健, 张磊, 李灿	杨启华	Journal of Materials Chemistry	2009	19	1945-1955	182	169	110	59
25	1101	Redox-Responsive Fluorescent Probes with Different Design Strategies	楼张蓉, 李鹏, 韩克利	韩克利	Accounts of Chemical Research	2015	48	1358-1368	117	114	41	73
26	1501	Remarkable Performance of Ir ₁ /FeO _x Single-Atom Catalyst in Water Gas Shift Reaction	林坚, 王爱琴, 乔波涛, 刘晓艳, 杨小峰, 王晓东, 梁锦霞, 李隽, 刘景月, 张涛	王晓东	Journal of the American Chemical Society	2013	135	15314-15317	163	123	50	73
27	1502	FeO _x -supported platinum single-atom and pseudo-single-atom catalysts for chemoselective hydrogenation of functionalized nitroarenes	魏海生, 刘晓艳, 王爱琴, 张磊磊, 乔波涛, 杨小峰, 黄延强, 苗澍, 刘景月, 张涛	王爱琴	Nature Communications	2014	5	5624	154	126	52	74

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28	1502	Recent Advances in Preferential Oxidation of CO Reaction over Platinum Group Metal Catalysts	刘阔, 王爱琴, 张涛	王爱琴	ACS Catalysis	2012	2	1165-1178	136	124	69	55
29	1502	A new 3D mesoporous carbon replicated from commercial silica as a catalyst support for direct conversion of cellulose into ethylene glycol	张艳华, 王爱琴, 张涛	王爱琴	Chemical Communications	2010	46	862-864	151	114	56	58
30	1502	One-Pot Conversion of Cellulose to Ethylene Glycol with Multifunctional Tungsten-Based Catalysts	王爱琴, 张涛	王爱琴	Accounts of Chemical Research	2013	46	1377-1386	154	112	43	69
31	1502	Catalytic Transformation of Lignin for the Production of Chemicals and Fuels	李昌志, 赵晓晨, 王爱琴, George W. Huber, 张涛	王爱琴	Chemical Reviews	2015	115	11559-11624	277	268	127	141
32	1502	One-pot catalytic hydrocracking of raw woody biomass into chemicals over supported carbide catalysts: simultaneous conversion of cellulose, hemicellulose and lignin	李昌志, 郑明远, 王爱琴, 张涛	王爱琴	Energy Environmental Science	2012	5	6383-6390	124	103	46	57
33	1805	Purification and identification of a ACE inhibitory peptide from oyster proteins hydrolysate and the anti hypertensive effect of hydrolysate in spontaneously hypertensive rats	王佳培, 胡建恩, 崔金哲, 白雪芳, 杜昱光, Miyaguchi, Yuji, 林炳承	尹恒	Food Chemistry	2008	111	302-308	101	101	59	42
34	1805	Conversion of biomass into 5-hydroxymethylfurfural using solid acid catalyst	杨凤丽, 刘启顺, 白雪芳, 杜昱光	尹恒	Bioresource Technology	2010	102	3424-3429	106	105	62	43
35	1808	Analytical strategies in lipidomics and applications in disease biomarker discovery	胡春秀, van der Heijden R, Wang M, van der Greef J, Hankemeier T, 许国旺	许国旺	Journal of Chromatography B- Analytical Technologies in the Biomedical Sciences	2009	877	2836-2846	111	100	84	16
36	1808	Comprehensive two-dimensional gas chromatography/time-of-flight mass spectrometry for metabonomics: Biomarker discovery for diabetes mellitus	李响, 许志良, 路鑫, 杨学辉, 尹沛源, 孔宏伟, 于英, 许国旺	许国旺	Analytica Chimica Acta	2009	633	257-262	126	107	87	20

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37	1808	Metabonomics study of liver cancer based on ultra performance liquid chromatography coupled to mass spectrometry with HILIC and RPLC separations	陈静, 王文昭, 吕申, 尹沛源, 赵欣捷, 路鑫, 张凤霞, 许国旺	许国旺	Analytica Chimica Acta	2009	650	3-9	123	106	52	54
38	1809	Large-scale phosphoproteome analysis of human liver tissue by enrichment and fractionation of hosphopeptides with strong anion exchange chromatography	韩广辉, 叶明亮, 周厚江, 江新宁, 封顺, 蒋小岗, 田瑞军, 万达方, 邹汉法, 顾建人	叶明亮	Proteomics	2008	8	1346-1361	129	108	70	38
39	1816	Solid acid and microwave-assisted hydrolysis of cellulose in ionic liquid	张泽会, 赵宗保	赵宗保	Carbohydrate Research	2009	344	2069-2072	107	102	53	49
40	DNL0305	Effect of alloying degree in PtSn catalyst on the catalytic behavior for ethanol electro-oxidation	朱明远, 孙公权, 辛勤	孙公权	ELECTROCHIMICA ACTA	2009	54	1511-1518	116	109	82	27
41	DNL0305	Nonprecious-Metal Catalysts for Low-Cost Fuel Cells	苏党生, 孙公权	孙公权	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	2011	50	11570-11572	119	108	29	79
42	DNL0305	Catalyst-Free Synthesis of Crumpled Boron and Nitrogen Co-Doped Graphite Layers with Tunable Bond Structure for Oxygen Reduction Reaction	金具涛, 潘富平, 姜鲁华, 付小刚, 梁爱民, 魏志阳, 张俊彦, 孙公权	孙公权	ACS NANO	2014	8	3313-3321	105	102	25	77
43	DNL0601	Efficient Aerobic Oxidation of 5-Hydroxymethylfurfural to 2,5-Diformylfuran, and Synthesis of a Fluorescent Material	马继平、杜中田、徐杰、楚庆辉、庞毅	徐杰	ChemSusChem	2011	4	51-54	129	105	45	60
44	DNL17	Investigations on transfer of water and vanadium ions across Nafion membrane in an operating vanadium redox flow battery	孙晨曦, 陈剑, 张华民, 韩希, 罗庆涛	李先锋	JOURNAL OF POWER SOURCES	2010	195	890-897	137	118	86	32
45	DNL17	A simple model for the vanadium redox battery	尤东江, 张华民, 陈剑	李先锋	ELECTROCHIMICA ACTA	2009	54	6827-6836	116	110	90	20