2015年百次引用论文奖

| **序号** | **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** | **备注** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | [P-Glycoprotein Antibody Functionalized Carbon Nanotube Overcomes the Multidrug Resistance of Human Leukemia Cells](http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=X2REKf9LXI8gj4lwqXW&page=1&doc=7) | 李瑞宾，吴仁安，赵樑，吴明火，杨凌，邹汉法 | 邹汉法 | ACS NANO | 2010 | 4 | 1399-1408 | 105 | 101 | 56 | 45 | 　 |
|  | Rh-Catalyzed Oxidative Coupling between Primary and Secondary Benzamides and Alkynes: Synthesis of Polycyclic Amides | 宋国勇，陈丹，潘成岭，李兴伟 | 李兴伟 | Journal of Organic Chemistry | 2015 | 51 | 17277-17280 | 118 | 100 | 58 | 42 | 　 |
|  | Rh(III)-Catalyzed Oxidative Coupling of N-Aryl-2-aminopyridine with Alkynes and Alkenes | 陈金磊，宋国勇，潘成岭，李兴伟 | 李兴伟 | Org. Lett. | 2010 | 12 | 5426-5429 | 117 | 101 | 56 | 45 | 　 |
|  |  Rh(III)-Catalyzed Oxidative Coupling of N-Aryl-2-aminopyridine with Alkynes and Alkenes | 李焕巧，孙公权，李钠，孙世国，苏党生，辛勤 | 孙公权 | J. Phys. Chem. C | 2007 | 111 | 5605-5617 | 110 | 106 | 59 | 47 | 　 |
|  | Comparison of different promotion effect of PtRu/C and PtSn/C electrocatalysts for ethanol electro-oxidation | 李焕巧，孙公权，曹雷，姜鲁华，辛勤 | 孙公权 | ELECTROCHIMICA ACTA | 2007 | 52 | 6622-6629 | 121 | 119 | 92 | 27 | 　 |
|  | Tuning of redox properties of iron and iron oxides via encapsulation within carbon nanotubes | 陈为，潘秀莲，包信和 | 包信和 | JOURNAL OF THE AMERICAN CHEMICAL SOCIETY | 2007 | 129 | 7421-7426 | 145 | 124 | 54 | 70 | 　 |
|  | Facile autoreduction of iron oxide/carbon nanotube encapsulates | 陈为，潘秀莲，Willinger, MG，苏党生，包信和  | 包信和 | JOURNAL OF THE AMERICAN CHEMICAL SOCIETY | 2006 | 128 | 3136-3137 | 128 | 103 | 36 | 67 | 　 |
|  | Reduced graphene oxide as a catalyst for hydrogenation of nitrobenzene at room temperature | 高勇军；马丁；王春雷；关静；包信和 | 包信和 | CHEMICAL COMMUNICATIONS | 2010 | 47 | 2432 - 2434 | 138 | 127 | 48 | 79 | 　 |
|  | Interface-Confined Ferrous Centers for Catalytic Oxidation | 傅强，李微雪，姚运喜，刘洪阳，苏海燕，马丁，顾向奎，陈礼敏，王珍，张辉，王兵，包信和 | 包信和 | Science | 2010 | 328 | 1141 - 1144 | 265 | 221 | 83 | 138 | 　 |
|  | Oxygen reduction reaction mechanism on nitrogen-doped graphene: A density functional theory study | 于良； 潘秀莲；曹宵鸣；胡培军；包信和 | 包信和 | JOURNAL OF CATALYSIS | 2011 | 282 | 183-190 | 114 | 106 | 55 | 51 | 　 |
|  | Reactions over catalysts confined in carbon nanotubes | 潘秀莲；包信和 | 包信和 | CHEMICAL COMMUNICATIONS | 2008 | 47 | 6271-6281 | 123 | 107 | 53 | 54 | 　 |
|  | Toward monodispersed silver nanoparticles with unusual thermal stability | 孙军明、马丁、张贺、刘秀梅、韩秀文、包信和、Weinberg, G、 Pfander, N、苏党生 | 包信和 | JOURNAL OF THE AMERICAN CHEMICAL SOCIETY | 2006 | 128 | 15756-15764 | 145 | 136 | 69 | 67 | 　 |
|  | Iron Encapsulated within Pod-like Carbon Nanotubes for Oxygen Reduction Reaction | 邓德会，于良，陈晓琪；汪国雄；金立；潘秀莲，邓浇；孙公权，包信和 | 包信和 | ANGEWANDTE CHEMIE-INTERNATIONAL EDITION | 2012 | 52 | 371-375 | 147 | 133 | 36 | 97 | 　 |
|  | Toward N-Doped Graphene via Solvothermal Synthesis | 邓德会，潘秀莲，于良，崔义，蒋烨平，齐静，李微雪，傅强，马旭村，薛其坤，孙公权，包信和 | 包信和 | CHEMISTRY OF MATERIALS | 2011 | 23 | 1188 – 1193 | 296 | 282 | 138 | 144 | 　 |
|  | The Effects of Confinement inside Carbon Nanotubes on Catalysis | 潘秀莲，包信和 | 包信和 | ACCOUNTS OF CHEMICAL RESEARCH | 2011 | 44 | 553-562 | 169 | 154 | 67 | 87 | 　 |
|  | Photocatalytic H2 Evolution on MoS2/CdS Catalysts under Visible Light Irradiation | 宗旭，吴国鹏，鄢洪建，马贵军，施晶莹，温福宇，王璐，李灿 | 李灿 | Journal of Physical Chemistry C | 2010 | 114 | 1963-1968 | 140 | 134 | 65 | 69 | 　 |
|  | Photocatalytic Overall Water Splitting Promoted by an alpha-beta phase Junction on Ga2O3  | 王翔，徐倩，李名润，沈帅，王秀丽，王耀川，冯兆池，施晶莹，韩洪宪，李灿 | 李灿 | ANGEWANDTE CHEMIE-INTERNATIONAL EDITION | 2012 | 51 | 13089-13092 | 143 | 127 | 42 | 85 | 　 |
|  | Porous nanosheet-based ZnO microspheres for the construction of direct electrochemical biosensors. | 卢宪波，张海军，倪余文，张青，陈吉平 | 陈吉平 | Biosensors and Bioelectronics | 2008 | 24 | 93-98 | 110 | 106 | 42 | 64 | 　 |
|  | Production of hydrogen by aqueous-phase reforming of glycerol | 温国栋，徐云鹏，马怀军，徐竹生，田志坚 | 田志坚 | International Journal of Hydrogen Energy | 2008 | 33 | 6657-6666 | 115 | 111 | 93 | 18 | 　 |
|  | Complete oxidation of formaldehyde over Ag/MnOx-CeO2 catalysts | 唐幸福，陈俊利，李永刚，李勇，徐奕德，申文杰 | 申文杰 | CHEMICAL ENGINEERING JOURNAL | 2006 | 118 | 119-125 | 103 | 101 | 31 | 70 | 　 |
|  | Novel Ni catalysts for methane decomposition to hydrogen and carbon nanofibers | 李勇，张保才，谢晓伟，刘俊龙，徐奕德，申文杰 | 申文杰 | JOURNAL OF CATALYSIS | 2006 | 238 | 412-424 | 110 | 107 | 63 | 44 | 　 |
|  | Pt/MnOx-CeO2 catalysts for the complete oxidation of formaldehyde at ambient temperature | 唐幸福，陈俊利，黄秀敏，徐奕德，申文杰 | 申文杰 | APPLIED CATALYSIS B-ENVIRONMENTAL | 2008 | 81 | 115-121 | 114 | 113 | 40 | 73 | 　 |
|  | Steam reforming of bio-ethanol for the production of hydrogen over ceria-supported Co, Ir and Ni catalysts | 张保才，唐晓兰，李勇，蔡伟杰，徐奕德，申文杰 | 申文杰 | CATALYSIS COMMUNICATIONS | 2006 | 7 | 367-372 | 107 | 101 | 61 | 40 | 　 |
|  | Hydrodynamics and mass transfer characteristics in gas-liquid flow through a rectangular microchannel | 乐军、陈光文、袁权、Luo Lingai、Gonthier Yves | 陈光文 | Chemical Engineering Science | 2007 | 62（7） | 2096-2108 | 127 | 100 | 75 | 25 | 　 |
|  | Ion exchange membranes for vanadium redox flow battery (VRB) applications | 李先锋，张华民，麦振声，张洪章，Ivo Vankelecom | 李先锋 | ENERGY & ENVIRONMENTAL SCIENCE | 2011 | 4 |  1147-1160 | 169 | 140 | 85 | 55 | 　 |
|  | Electrochemical investigation of electrocatalysts for the oxygen evolution reaction in PEM water electrolyzers | 宋世栋，张华民，马宵平，邵志刚，R.T. Baker，衣宝廉 | 李先锋 | International Journal of Hydrogen Energy | 2008 | 33 |  4955-4961 | 119 | 113 | 100 | 13 | 　 |
|  | Micro-porous layer with composite carbon black for PEM fuel cells | 王晓丽 ， 张华民 ， 张建鲁，徐海峰，田植群，陈剑，钟和香，梁永民，衣宝廉 | 李先锋 | ELECTROCHIMICA ACTA | 2006 | 51 |  4909-4915 | 112 | 105 | 86 | 19 | 　 |
|  | A novel non-noble electrocatalyst for PEM fuel cell based on molybdenum nitride | 钟和香，张华民，刘刚，梁永民，胡经纬，衣宝廉 | 李先锋 | ELECTROCHEMISTRY COMMUNICATIONS | 2006 | 8 |  707-712 | 128 | 111 | 77 | 34 | 　 |
|  | Hydrolysis of cellulose into glucose over carbons sulfonated at elevated temperatures | 庞纪峰，王爱琴，郑明远，张涛 | 张涛 | CHEMICAL COMMUNICATIONS | 2010 | 46 | 6935-6937 | 128 | 112 | 58 | 54 | 　 |
|  | Synthesis of Thermally Stable and Highly Active Bimetallic Au-Ag Nanoparticles on Inert Supports | 刘晓艳，王爱琴，杨小峰，张涛，牟中原，苏党生，李俊 | 张涛 | CHEMISTRY OF MATERIALS | 2008 | 21 | 410-418 | 126 | 103 | 53 | 50 | 　 |
|  | Au–Cu Alloy nanoparticles confined in SBA-15 as a highly efficient catalyst for CO oxidation | 刘晓艳，王爱琴，王晓东，牟中原，张涛 | 张涛 | CHEMICAL COMMUNICATIONS | 2008 | 　 | 3187-3189 | 144 | 124 | 52 | 72 | 　 |
|  | Spatial separation of photogenerated electrons and holes among {010} and {110} crystal facets of BiVO4 | 李仁贵，章福祥，王冬娥，杨竞秀，李名润，朱剑，周新，韩洪宪，李灿 | 李灿 | Nature Communications | 2013 | 4 | 1-7 | 176 | 163 | 63 | 100 | 　 |

2015年近期热点论文奖

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| **1** | Rhodium(III)-Catalyzed C-C and C-O Coupling of Quinoline N-Oxides with Alkynes: Combination of C-H Activation with O-Atom Transfer | 张学云，戚自松，李兴伟 | 李兴伟 | ANGEWANDTE CHEMIE-INTERNATIONAL EDITION | 2014 | 53 | 10794-10798 | 36 | 29 | 14 | 15 | 　 |
| **2** | 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 | J. Am. Chem. Soc.  | 2015 | 137 | 1623-1631 | 32 | 27 | 7 | 20 | 　 |
| **3** | Podlike N-Doped Carbon Nanotubes Encapsulating FeNi Alloy Nanoparticles: High-Performance Counter Electrode Materials for Dye-Sensitized Solar Cells | 郑霄家，邓浇 (共同第一作者)，王楠；邓德会；张文华； 包信和，李灿 | 包信和 | ANGEWANDTE CHEMIE-INTERNATIONAL EDITION | 2014 | 53 | 7023-7027 | 44 | 39 | 7 | 32 | 　 |
| **4** | Highly efficient photocatalysts constructed by rational assembly of dual-cocatalysts separately on different facets of BiVO4  | 李仁贵，韩洪宪，章福祥，王冬娥，李灿 | 李灿 | Energy & Environmental Science | 2014 | 7 | 1369-1376 | 43 | 40 | 9 | 31 |  |