

2024 年原始数据核查分组情况

序号	专家	观察员	联络员	接受核查组	组长
第一组	王方军、肖建平、侯广进	王纪霞、苏盼盼	陈璐璐	106	冯亮
				DNL0307	彭章泉
				DNL1901	陈萍
				DNL22	胡雁鸣
第二组	周永贵、史全、刘艳芳	王秀丽、王兴超、崔晓菊	于晓	103	陈吉平
				1824	卿光焱
				DNL0802	田志坚
				DNL0902	卫皇墨
				DNL0903	陈光文
				DNL1905	孙剑
第三组	吴凯丰、刘心昱、陈庆安	傅碧娜、蒋吉春、刘伟	何熠辉	212	刘宇
				504	朱凯月
				2500	张未卿
				DNL0604	吴小锋
				DNL1621	章福祥
第四组	周雍进、李刚、郭志谋	郑琼、陈平	张晓霞	2T6	戴文
				507	叶生发
				509	邓德会
				703	谭彦楠
				DNL0804	朱向学

2024 年原始数据核查论文明细

序号	研究组	论文题目	作者	通讯作者	刊名
1	103	Novel mesocellular silica foam supported poly(amidoxime-ethyleneimine)network for fast and highly efficient uranium extraction from seawater	杨甲甲, 李云, 田甜, 施海涛, Zia Ahmad, 耿柠波, 金静, 黄延强, 张海军, 樊红军, 陈吉平	李云, 陈吉平	CHEMICAL ENGINEERING JOURNAL
2	106	A novel flexible substrate-free NH ₃ sensing membrane based on PANI covered rGO functionalized fiber	王振名, 倪兰秀, 张晓波, 冯亮	冯亮	SENSORS AND ACTUATORS B-CHEMICAL
3	211	Tailoring the Amphiphilicity of Fluorescent Protein Chromophores to Detect Intracellular Proteome Aggregation in Diverse Biological Samples	王梦蝶, 张振铎, 荆彪, 董雪鹏, Kun Guo, 邓金泰, 王志铭, 万旺, 金文翰, Zhenming Gao, 刘宇	刘宇	ANALYTICAL CHEMISTRY
4	02T6	Facile Borylation of Alkenes, Alkynes, Imines, Arenes and Heteroarenes with NHC-Boranes and a Heterogeneous Semiconductor Photocatalyst	谢复开, 毛展, Dennis P. Curran, 梁宏亮, 戴文	Dennis P. Curran, 戴文	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION
5	504	MOF nanosheets as ion carriers for self-optimized zinc anodes	杨涵邈, 朱凯月, 谢威立, 张黎明, 蒋伟康, 李伟健, 王正森, 杨维慎	朱凯月, 杨维慎	Energy & Environmental Science
6	507	Triplet Bismuthinidenes Featuring Unprecedented Giant and Positive Zero Field Splittings	Mengyuan Wu, 陈旺, Dongmin Wang, Yizhen Chen, 叶生发, Gengwen Tan	叶生发, Gengwen Tan	National Science Review
7	509	Acetylene hydrogenation to ethylene by water at low temperature on a Au/ α -MoC catalyst	Rui Huang, 夏梅涵, 张云龙, 管晨曦, Yao Wei, Zheng Jiang, Mingrun Li, 赵柏蓓, 侯晓慧, 魏岩, 陈俏, 胡景庭, 崔晓菊, 于良, 邓德会	于良, 邓德会	Nature Catalysis
8	703	Population inversion mechanism of optically pumped metastable rare gas based on laser-induced preionization	胡墅, 李俊涛, 盖宝栋, 王鹏远, 蔡向龙, 徐明, 陈莹, 郭敬为	胡墅, 郭敬为	JOURNAL OF LUMINESCENCE
9	1824	Specific Clearance of Lipopolysaccharide from Blood Based on Peptide Bottlebrush Polymer for Sepsis Therapy	施振强, 张宪成, Xijing Yang, 张晓雨, Fei Ma, Hui Gan, 陈君君, 王东东, 孙文静, Jingxia Wang, 王存利, 吕力婷, 杨开广, Lijing Deng, 卿光焱	卿光焱	ADVANCED MATERIALS

10	2500	Observation of Confinement-Free Neutral Group Three Transition Metal Carbonyls Sc(CO) ₇ and TM(CO) ₈ (TM=Y, La)	王冲, 田昌义, 赵亚, 江帅, 王天通, 郑会俊, 闫文汇, 李刚, 谢华, 李隽, 胡憾石, 杨学明, 江凌	谢华, 胡憾石, 江凌	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION
11	DNL0307	In Situ Spectroscopic Probing of Oxygen Crossover Effects on Solid Electrolyte Interphase in Aprotic Lithium-Oxygen Batteries	赵志伟, Long Pang, Yuyue Wu, 陈亚洲, 彭章泉	彭章泉	Advanced Energy Materials
12	DNL0604	Cobalt-catalyzed aminoalkylative carbonylation of alkenes toward direct synthesis of γ -amino acid derivatives and peptides	王乐程, 袁洋, 张有灿, 吴小锋	吴小锋	Nature Communications
13	DNL0802	Boosting catalytic performance via electron transfer effect for hydroisomerization on a low Pt-content PtCeOX/zeolite catalyst	彭岩, 王学林, 王从新, 毕文涛, 蒋齐可, 田志坚	王从新, 田志坚	Chem catalysis
14	DNL0804	Structural reconstruction of iron oxide induces stable catalytic performance in the oxidative dehydrogenation of n-butane to 1,3-butadiene	张新宝, 李俊杰, 郑颖滨, 辛文杰, 安杰, 朱向学, 李秀杰	李俊杰, 李秀杰	CHEMICAL ENGINEERING JOURNAL
15	DNL0902	Spherical activated carbons derived from resin-microspheres for the adsorption of acetic acid	吴慧玲, 卫皇翌...	顾彬, 孙承林	Journal of Environmental Chemical Engineering
16	DNL0903	Scale-up of antisolvent precipitation process with ultrasonic microreactors: Cavitation patterns, mixing characteristics and application in nanoparticle manufacturing	刘志凯, 杨梅, 赵乾坤, 尧超群, 陈光文	杨梅, 陈光文	CHEMICAL ENGINEERING JOURNAL
17	DNL1621	Rational design of heterogenized molecular phthalocyanine hybrid single-atom electrocatalyst towards two-electron oxygen reduction	范文俊, Zhiyao Duan, Wei Liu, Rashid Mehmood, 屈嘉铤, 曹雨程, 郭向阳, Jun Zhong, 章福祥	Zhiyao Duan, 章福祥	Nature Communications
18	DNL1901	NaH doped TiO ₂ as a high-performance catalyst for Mg/MgH ₂ cycling stability and room temperature absorption	Joshua Adedeji Bolarina, 邹韧, 曹湖军, 李智, 何腾, 陈萍	曹湖军, 陈萍	Journal of Magnesium and Alloys
19	DNL1905	Elucidating the structural evolution of highly efficient Co-Fe bimetallic catalysts for the hydrogenation of CO ₂ into olefins	刘娜, 位健, 徐晶, 于杨, 俞佳枫, 韩誉, 王凯, Joshua Iseoluwa Orege, 葛庆杰, 孙剑	位健, 葛庆杰	APPLIED CATALYSIS B-ENVIRONMENTAL
20	DNL2200	Synthesis of α,ω -End Functionalized Polydienes: Allylic-Bearing Heteroleptic Aluminums for Selective Alkylation and Transalkylation in Coordinative Chain Transfer Polymerization	刘丕博, 杨潇, 李贺, 张松波, 胡雁鸣, 周光远, Nikos Hadjichristidis	胡雁鸣, 周光远	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION