

## 生物与化学工程学院2021年度科学研究优秀成果(论文)奖评审结果

序号	申报人	成果名称	获奖级别	奖励金额 (元)
1	宋伟	Improve the tribological performance of anodic coating by plasma discharge treatment	三等奖	3333
2	宋伟	Improving the Photocatalytic Properties of TiO <sub>2</sub> Coatings by Modification of the Pore Size and the Crystalline Structure by Combining Anodization and MAO Technology	三等奖	10000
3	宋伟	Improving insulation and thermal conductivity of anodic coating by plasma discharge treatment	三等奖	3333
4	李焕新	Solid-liquid ternary phase equilibrium of 3,5-Dibromo-4-hydroxybenzaldehyde+3-bromo-4-hydroxybenzaldehyde+N,N-dimethylformamide/1,4-dioxane/dimethylsulfoxide:determination and model correlation	二等奖	15000
5	李焕新	Comprehensive insight into solubility,dissolution properties and solvation behavior of dapsone in co-solvent solutions	一等奖	35000
6	陈海玲	甜菜碱表面活性剂/交联聚合物微球复合体系的研究	优秀奖	1000
7	王莹	迷迭香脂溶性提取物在花生油中抗氧化性能研究	四等奖	5000
8	王莹	超声波辅助萃取牛至草迷迭香酸和绿原酸工艺研究	优秀奖	1000
9	王莹	溶剂萃取法纯化迷迭香酸研究	优秀奖	1000
10	闫卫红	Crystal structure of 1,4-bis(methylpyridiniumbenzene) bis(1,2-dicyanoethene-1,2-dithiolato-κ <sup>2</sup> S:S)nickel(II), C <sub>26</sub> H <sub>18</sub> N <sub>6</sub> NiS <sub>4</sub>	三等奖	10000
11	闫卫红	Two New Copper Complexes by H(4)AQTC (Anthraquinone-1,4,5,8-tetracarboxylic Acid): Syntheses, Structures and Properties((1))	三等奖	10000
12	闫卫红	Crystal structure of 1,1'-(1,4-phenylenebis(methylene))bis(pyridinium) bis(1,2-dicyanoethene-1,2-dithiolato-κ(2)S:S) zinc(II), C <sub>26</sub> H <sub>18</sub> N <sub>6</sub> ZnS <sub>4</sub> .	三等奖	10000

13	闫卫红	Crystal structure of 1,1'-(1,4-phenylenebis(methylene))bis(pyridin-1-ium) bis(1,2-dicyanoethene-1,2-dithiolato-κ2 S,S) platinum(II), $C_{26}H_{18}N_6PtS_4$	三等奖	10000
14	程爽	一株脂肪酶产生菌的筛选鉴定及其发酵条件优化	优秀奖	1000
15	王春艳	宋河浓香型白酒不同窖龄窖壁泥与窖底泥真菌菌群结构分析	五等奖	2000
16	肖连冬	枯草芽孢杆菌发酵麦糟制备蛋白肽培养基研究	五等奖	2000
17	肖连冬	米曲霉制备麦糟蛋白肽固态发酵培养基优化	五等奖	2000
18	宋晓静	The transformation strategies between homogeneous and heterogeneous catalysts for the coupling reactions of CO <sub>2</sub> and epoxides/olefins	三等奖	10000
19	王英磊	低共熔溶剂中对硝基苯甲酸乙酯的绿色合成	优秀奖	1000
20	王英磊	低共熔溶剂中2-氨基-7-羟基-3-氰基-4-芳基-4H-色烯的绿色合成	优秀奖	1000
21	刘冰冰	Halegenticoccus tardaugens sp. nov., an extremely halophilic archaeon isolated from a saline soil	三等奖	10000
22	徐雪丽	Crystal structure of 3-allyl-4-(2-bromoethyl)-5-(4-methoxyphenyl)-2-(p-tolyl)furan, $C_{23}H_{23}BrO_2$	三等奖	10000
23	刘学国	Crystal structure of 1,1'-(1,3phenylenebis(methylene))bis(pyridin-1-ium)bis(1,2-dicyanoethene- 1,2-dithiolato-κ2S:S) palladium(II). $C_{26}H_{18}N_6PdS_4$	三等奖	10000
24	李朝艳	Highly selective adsorption on monolayer MoS <sub>2</sub> doped with Pt, Ag, Au and Pd and effect of strain engineering: A DFT study	二等奖	15000
25	吴可量	Synthesis of layered compound from walnut shell by template method TiO <sub>2</sub> /CdS/CoP application of photocatalyst in efficient hydrogen productions	三等奖	10000
26	李慧星	山药-蛹虫草双向发酵的抗氧化活性增效性	三等奖	10000
27	李慧星	不同来源浓香型酒醅的挥发性成分差异分析	五等奖	2000
28	李慧星	Preparation and Biological Activity of Strontium Modified Titanium Oxide Surface	三等奖	10000

29	李慧星	Synthesis of Nanocomposites Based on Gold and Nickel as Sensitive Electrochemical Sensor for Determination of Salmonella Typhimurium in Food Industry	三等奖	10000
30	李慧星	Tunable electronic and optical properties of new two-dimensional CuCl/ GaSe van der Waals heterostructures with the potential for photocatalysis applications	三等奖	10000
31	李慧星	白腐菌共发酵稻秆制备染料吸附剂的研究	优秀奖	1000
32	许彬	蛹药菌质抗氧化活性与活性成分的量效关系分析	五等奖	2000
33	刘建连	Highly selective adsorption of SO <sub>2</sub> on WX <sub>2</sub> (X = S, Se, Te) monolayers and the effect of strain engineering: a DFT study	三等奖	3333
34	刘建连	Crystal structure of (E)-N'-(2-chloro-6-hydroxybenzylidene)-2-hydroxybenzohydrazide, C <sub>14</sub> H <sub>11</sub> ClN <sub>2</sub> O <sub>3</sub>	三等奖	3333
35	刘建连	Crystal structure of 4-(2,2-difluoroethyl)-2,4-dimethyl-6-(trifluoromethyl)isoquinoline-1,3(2H,4H)-dione, C <sub>14</sub> H <sub>12</sub> F <sub>5</sub> N <sub>2</sub> O <sub>2</sub>	三等奖	3333
36	杜朝军	The crystal structure of 3-amino-5-carboxypyridin-1-ium bromide, C <sub>6</sub> H <sub>7</sub> BrN <sub>2</sub> O <sub>2</sub>	三等奖	10000
37	杜朝军	The crystal structure of 2-amino-5-nitroanilinium iodide monohydrate, C <sub>6</sub> H <sub>8</sub> IN <sub>3</sub> O <sub>2</sub>	三等奖	10000
38	田进军	Co <sub>3</sub> O <sub>4</sub> nanorods with prevalent oxygen-vacancies confined by PDA-RGO nanosheets for excellent performances in supercapacitors	二等奖	15000
39	田进军	TPAOH-Assisted Preparation of Hexagonal Ni(OH) <sub>2</sub> Nanoplates for Supercapacitors	三等奖	10000
40	任朝斌	Groundwater Chemical Characteristics and Controlling Factors in a Region of Northern China with Intensive Human Activity	二等奖	5000
41	任朝斌	Characteristics and source apportionment of polycyclic aromatic hydrocarbons of groundwater in Hutuo River alluvial-pluvial fan, China, based on PMF model	二等奖	5000

42	任朝斌	Identification of sources and transformation of nitrate in the intense human activity region of north China using a multi-isotopes and Bayesian model	二等奖	5000
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评审专家签名:

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