

2024年度四川省医学会优秀论文授奖论文

序号	论文名称	申报作者	论文推荐单位
1	Dietary sugar consumption and health: umbrella review	柳良仁	四川大学华西医院
2	Ligand recognition and G-protein coupling of trace amine receptor TAAR1	邵振华	四川大学华西医院
3	Structural basis of BAM-mediated outer membrane β -barrel protein assembly	董浩浩	四川大学华西医院
4	钯催化促成SN2糖基偶联反应	钮大文	四川大学华西医院
5	CircRNA DICAR as a novel endogenous regulator for diabetic cardiomyopathy and diabetic pyroptosis of cardiomyocytes	张春祥	西南医科大学附属医院
6	SCGN deficiency is a risk factor for autism spectrum disorder	贾大	四川大学华西第二医院
7	Orthosteric ligand selectivity and allosteric probe dependence at Hydroxycarboxylic acid receptor HCAR2	程林	四川省医学科学院·四川省人民医院
8	Skeletal muscle-derived extracellular vesicles transport glycolytic enzymes to mediate muscle-to bone crosstalk	廖立	四川大学华西口腔医院
9	Palladium-Catalyzed Hydrogenation of Black Barium Titanate for Multienzyme-Piezoelectric Synergetic Tumor Therapy	周洋	成都市第三人民医院
10	pH-responsive dual-functional hydrogel integrating localized delivery and anti-cancer activities for highly effective therapy in PDX of OSCC	赵行	四川大学华西口腔医（学）院

11	Bioactive bacteria/MOFs hybrids can achieve targeted synergistic chemotherapy and chemodynamic therapy against breast tumors	傅少志	西南医科大学附属医院
12	A self-powered wireless detachable drug/light injector for metronomic photodynamic therapy in cancer treatment	陈梅华	电子科技大学附属肿瘤医院·四川省肿瘤医院
13	Blood tau-PT217 contributes to the anesthesia /surgery-induced delirium-like behavior in aged mice.	卢静	四川省医学科学院·四川省人民医院
14	Structural basis of the substrate recognition and inhibition mechanism of Plasmodium falciparum nucleoside transporter PfENT1	邓东	四川大学华西第二医院
15	Tracing immune cells around biomaterials with spatial anchors during large-scale wound regeneration	屈依丽	四川大学华西口腔医院
16	Btg2通过smad3依赖的足细胞-间质转化促进局灶节段性肾小球硬化	王丽	西南医科大学附属中医医院
17	Lepr-Expressing PDLSCs Contribute to Periodontal Homeostasis and Respond to Mechanical Force by Piezo1	袁泉	四川大学华西口腔医院
18	Hepatitis B virus infection disrupts homologous recombination in hepatocellular carcinoma by stabilizing resection inhibitor ADRM1	刘聪	四川大学华西第二医院
19	Mito-battery: Micro-nanohydrogel microspheres for targeted regulation of cellular mitochondrial respiratory chain	李毓灵	川北医学院附属医院
20	Influence of Cirrhosis on 68Ga-FAPI PET/CT in Intrahepatic Tumors	陈跃	西南医科大学附属医院

21	Initial experience of visualized biliary cannulation during ERCP	刘卫辉	四川省医学科学院·四川省人民医院
22	Sexual dimorphism in gut microbiota dictates therapeutic efficacy of intravenous immunoglobulin on radiotherapy complications	王宗奎	中国医学科学院输血研究所
23	90 K increased delivery efficiency of extracellular vesicles through mediating internalization	李灵	四川省肿瘤医院/电子科技大学附属肿瘤医院
24	Biocompatible engineered erythrocytes as plasmonic sensor initiators for high-sensitive screening of non-small cell lung cancer-derived exosomal miRNA in an integrated system	郭斌	川北医学院附属医院
25	Facile and eco-friendly fabrication of biocompatible hydrogel containing CuS@Ser NPs with mechanical flexibility and photothermal antibacterial activity to promote infected wound healing	陶刚	西南医科大学附属口腔医院
26	Photothermal-Starvation Therapy Nanomodulator Capable of Inhibiting Colorectal Cancer Recurrence and Metastasis by Energy Metabolism Reduction	谢可	四川省医学科学院·四川省人民医院
27	Granzyme B + CD8 + T cells with terminal differentiated effector signature determine multiple sclerosis progression	杨牧	四川省肿瘤医院/电子科技大学附属肿瘤医院
28	Preoperative psychological symptoms and chronic postsurgical pain: analysis of the prospective China Surgery and Anaesthesia Cohort study	陈东旭	四川大学华西医院
29	Upregulation of CSNK1A1 induced by ITGB5 confers to hepatocellular carcinoma resistance to sorafenib in vivo by disrupting the EPS15/ EGFR complex	张宇	四川省医学科学院·四川省人民医院

30	SPDEF enhances cancer stem cell-like properties and tumorigenesis through directly promoting GALNT7 transcription in luminal breast cancer	叶婷	西南医科大学附属医院
31	[68Ga]Ga-FAPI-04 PET/CT on assessing Crohn's disease intestinal lesions	黄占文	西南医科大学附属医院
32	Spatio-temporal dynamics of resting-state brain networks are associated with migraine disability	周燕	简阳市人民医院
33	基于机器学习模型分析肺部炎症指数评分预测病毒性肺炎	张英	西南医科大学附属中医医院
34	IL-6/JAK2-dependent G6PD phosphorylation promotes nucleotide synthesis and supports tumor growth	贺丹	核工业四一六医院
35	Dexmedetomidine alleviates ferroptosis following hepatic ischemia-reperfusion injury by upregulating Nrf2/GPx4-dependent antioxidant responses	张永俊	成都市第七人民医院
36	熔融沉积建模打印PLA/纳米 β -TCP复合骨组织工程支架促进成骨诱导功能	张正东	成都医学院第一附属医院
37	Dual-energy Computed Tomography (DECT) predicts the efficacy of contrast medium extravasation and secondary cerebral hemorrhage after stent thrombectomy in acute ischemic cerebral infarction	邱涛	自贡市第一人民医院
38	Silencing of ALOX15 reduces ferroptosis and inflammation induced by cerebral ischemiareperfusion by regulating PHD2/HIF2 α signaling pathway	雷波	乐山市人民医院

39	Single - photon emission computed tomography - defined active bone marrow - sparing volumetric - modulated arc therapy reduces the incidence of acute hematologic toxicity in locally advanced cervical cancer patients who receive chemoradiotherapy: A single - center prospective randomized controlled trial	汪善兵	宜宾市第二人民医院
40	Disheveled3 enhanced EMT and cancer stem-like cells properties via Wnt/ β -catenin/c-Myc/SOX2 pathway in colorectal cancer	李争光	成都市第七人民医院
41	Identifcation of the MMP family as therapeutic targets and prognostic biomarkers in the microenvironment of head and neck squamous cell carcinoma	刘旭倩	西南医科大学附属口腔医院
42	Maresin1 ameliorates MSU crystal-induced inflammation by upregulating Prdx5 expression	曾梅	川北医学院附属医院
43	An ultrasound-controllable ROS-responsive nanoplatform for O ₂ and NO generation to enhance sonodynamic therapy against multidrug-resistant bacterial infection	魏国清	成都市妇女儿童中心医院
44	Efficacy of pegylated interferon α -2b plus entecavir therapy and predictors of treatment success in children with chronic hepatitis B	黄亮	成都市公共卫生临床医疗中心
45	Identification of disulfidptosis-related subgroups and prognostic signatures in lung adenocarcinoma using machine learning and experimental validation	王玉芝	德阳市人民医院
46	The mechanosensitive Piezo1 channel mediates mechanochemical transmission in myopic eyes	廖萱	川北医学院附属医院
47	Autophagy induced by PP121 alleviates MSU crystal-induced acute gouty arthritis via inhibition of the NLRP3 inflammasome	许颖	成都医学院第一附属医院
48	Wogonin Diminishes Radioresistance of Breast Cancer via Inhibition of the Nrf2/HIF-1 α Pathway	龙方懿	四川省妇幼保健院

49	LINC01305 recruits basoenuclin 1 to act on G-protein pathway suppressor 1 to promote esophageal squamous cell carcinoma	刘康	南充市中心医院
50	Digital Therapy for Visual Acuity and Binocular Function in Children with Anisometric Amblyopia	赵姣	乐山市人民医院

2024年度四川省医学会青年优秀论文授奖论文

序号	论文名称	申报作者	论文推荐单位
1	Immune checkpoint HLA-E:CD94-NKG2A mediates evasion of circulating tumor cells from NK cell surveillance	刘小伟	四川大学华西医院
2	Sirtuin 2 deficiency aggravates ageing-induced vascular remodelling in humans and mice	唐小强	四川大学华西第二医院
3	Effect of an artificial intelligence-assisted system on endoscopic diagnosis of superficial oesophageal squamous cell carcinoma and precancerous lesions: a multicentre, tandem, double-blind, randomised controlled trial	袁湘蕾	四川大学华西医院
4	Amelioration of Osteoarthritis via Tetrahedral Framework Nucleic Acids Delivering Microrna-124 for Cartilage Regeneration	石思容	四川大学华西口腔医院
5	A self-generated electricity-driven drug delivery system for precision management of myopia	蒋灵晰	四川省医学科学院·四川省人民医院

6	Enhanced bone regeneration via ZIF-8 decorated hierarchical polyvinylidene fluoride piezoelectric foam nanogenerator: Coupling of bioelectricity, angiogenesis, and osteogenesis.	陈俊宇	四川大学华西口腔医院
7	NKG2D-CAR T cells eliminate senescent cells in aged mice and nonhuman primates	杨东	四川大学华西医院
8	Genome-wide analyses identify NEAT1 as genetic modifier of age at onset of amyotrophic lateral sclerosis	李春雨	四川大学华西医院
9	A single-cell transcriptional atlas reveals resident progenitor cell niche functions in TMJ disc development and injury	毕瑞野	四川大学华西口腔医院
10	Implanted, Wireless, Self-Powered Photodynamic Therapeutic Tablet Synergizes with Ferroptosis Inducer for Effective Cancer Treatment	邹坪金	电子科技大学附属肿瘤医院·四川省肿瘤医院
11	A dynamic DNA tetrahedron framework for active targeting	田陶然	四川大学华西口腔医院
12	Intratumoral Microbiota Composition Regulates Chemoimmunotherapy Response in Esophageal Squamous Cell Carcinoma	邬红	四川省医学科学院·四川省人民医院
13	Achieving safe and high-performance gastrointestinal tract spectral CT imaging with small-molecule lanthanide complex	杨录	西南医科大学附属医院
14	Focused ultrasound-mediated blood-brain barrier opening combined with magnetic targeting cytomembrane based biomimetic microbubbles for glioblastoma therapy	何传世	四川省肿瘤医院

15	Fullerenols Mitigate Radiation-Induced Myocardial Injury	张廷君	川北医学院附属医院
16	Cryo-EM structure of the Mon1 - Ccz1 - RMC1 complex reveals molecular basis of metazoan RAB7A activation	雍鑫	四川大学华西第二医院
17	circNEIL3 inhibits tumor metastasis through recruiting the E3 ubiquitin ligase Nedd4L to degrade YBX1	陈双	四川大学华西医院
18	Photo-catalyst-free photomediated pinacol coupling of ketones/aldehydes by formate at room temperature	申青	四川省医学科学院·四川省人民医院
19	Lung Toxicity and Molecular Mechanisms of Lead-Based Perovskite Nanoparticles in the Respiratory System	丁雪峰	川北医学院附属医院
20	Hyperglycemia-induced STING signaling activation leads to aortic endothelial injury in diabetes	蒋宗哲	西南医科大学附属医院
21	Cholesterol homeostasis regulated by ABCA1 is critical for retinal ganglion cell survival	杨佳良	四川省医学科学院·四川省人民医院
22	Fabrication of dual physically cross-linked polyvinyl alcohol/agar hydrogels with mechanical stability and antibacterial activity for wound healing	蔡蕊	西南医科大学附属口腔医院
23	Tandem Repeat Generation and Novel Isothermal Amplification Based on Nonspecific Tailing and Replication Slippage	罗光成	川北医学院附属医院
24	Expert-Level Immunofixation Electrophoresis Image Recognition based on Explainable and Generalizable Deep Learning	胡洪华	四川省医学科学院·四川省人民医院

25	Exogenous hydrogen sulfide (H ₂ S) exerts therapeutic potential in triple-negative breast cancer by affecting cell cycle and DNA replication pathway	张爱洁	遂宁市中心医院
26	Lysine Lactylation Regulates Metabolic Pathways and Biofilm Formation in <i>Streptococcus mutans</i>	李政毅	四川大学华西口腔医院
27	Stress-enhanced cardiac lncRNA Morrbid protects hearts from acute myocardial infarction	余焯	西南医科大学附属医院
28	基于低剂量CT影像组学预测浸润性非黏液腺癌的分化级别	李勇	四川省肿瘤医院
29	Causal association of circulating cytokines with sepsis: a Mendelian randomization study	林山	川北医学院附属医院
30	Quercetin alleviates lipopolysaccharide-induced acute lung injury by inhibiting ferroptosis via the Sirt1/Nrf2/Gpx4 pathway	邓仕华	成都医学院第一附属医院
31	TPST2-mediated receptor tyrosine sulfation enhances leukocidin cytotoxicity and <i>S. aureus</i> infection	曾军	成都医学院第一附属医院
32	基于特定信号提取和输出的用于核酸荧光和比色检测的等温扩增技术	何淑娅	四川省肿瘤医院
33	靶向 hACE2 的功能化蛋白微粒作为 SARS-CoV-2 感染的新型预防策略	李玉佳	中国医学科学院输血研究所
34	HPV-16 E6致癌功能抑制小分子化合物的筛选	何娇雨	成都市第二人民医院
35	Montelukast prevents mice against carbon tetrachloride- and methionine-choline deficient diet-induced liver fibrosis: Reducing hepatic stellate cell activation and inflammation	蒲诗云	成都市第五人民医院

36	The association between unilateral high-riding vertebral artery and atlantoaxial joint morphology: a multi-slice spiral computed tomography study of 396 patients and a finite element analysis	唐超	西南医科大学附属医院
37	Effect of intermittent theta burst stimulation on suicidal ideation and depressive symptoms in adolescent depression with suicide attempt: A randomized sham-controlled study	卢凤梅	成都市第四人民医院
38	Psychological symptoms and correlates of Chinese healthcare professionals in the intensive care unit before and after the COVID-19 outbreak: A comparison of two cross-sectional studies	曾梁楠	成都市第五人民医院
39	Amelioration of nerve demyelination by hydrogen-producing silicon-based agent in neuropathic pain rats	母国	自贡市第四人民医院
40	单细胞测序揭示NK细胞亚群对非小细胞肺癌免疫抑制剂疗效的影响	尚进	四川省肿瘤医院
41	Environmental tobacco smoke increased risk of gestational diabetes mellitus: A birth cohort study in Sichuan, China	陈诗琪	四川省妇幼保健院
42	Folate receptor-mediated targeted therapy for rheumatoid arthritis by methotrexate-phospholipid complex nano-emulsions	李成龙	德阳市人民医院
43	父母教养方式与青少年边缘型人格障碍症状的关系：同伴关系和拒绝敏感性的中介作用	颜华	三台县精神病院
44	The psychological impact of the COVID-19 pandemic in the elderly in southwest China: A longitudinal study based on generalized estimating equations	廖书娟	四川大学华西第二医院
45	Pregnancy prediction via ultrasound-detected endometrial blood for hormone replacement therapy-frozen embryo transfer: a prospective observational study	柯雪	成都市妇女儿童中心医院

46	Long-term menopause exacerbates vaginal wall support injury in ovariectomized rats by regulating amino acid synthesis and glycerophospholipid metabolism	于霞	电子科技大学医学院附属成都市妇女儿童中心医院
47	Vascular lipidomics analysis reveals increased levels of phosphocholine and lysophosphocholine in atherosclerotic mice	邢莎莎	成都市妇女儿童中心医院
48	Sensitive and Direct Analysis of Pseudomonas aeruginosa through Self-Primer-Assisted Chain Extension and CRISPR-Cas12a-Based Color Reaction	鲁永平	广元市中心医院
49	Molecular subtypes and tumor microenvironment infiltration signatures based on cuproptosis-related genes in colon cancer	雒洪伟	绵竹市人民医院
50	Investigation and Analysis of Risk Factors and Psychological Status of Chronic Obstructive Pulmonary Disease in Permanent Residents Aged 40 or Older in Hongyuan County, Aba Prefecture, Sichuan Province	夏俊杰	绵阳市第三人民医院