

附件 12： 中心成员发表的代表性 SCI 论文

序号	论文名称	作者(*)	发表时间	发表刊物、会议名称及检索号或 ISSN
1	C086, a novel analog of curcumin, induces growth inhibition and ownregulation of NF- κ B in colon cancer cells and xenograft tumors.	许建华 (2T/6)	201101	<i>Cancer Biology & Therapy</i> , 2011, 12:9, 797-807. ISSN: 1538-4047
2	Self-Microemulsifying Drug Delivery System Improves Curcumin Dissolution and Bioavailability.	许建华 (2T/6)	201107	<i>Drug Development and Industrial Pharmacy</i> , 2011, 37(1): 15-23 doi:10.3109/03639045.2010.489560
3	IKK β Regulates the Repair of DNA Double-Strand Breaks Induced by Ionizing Radiation in MCF-7 Breast Cancer Cells	吴丽贤 (1/6)	201106	<i>PLoS ONE</i> 2011, 6(4): e18447 doi:10.1371/journal.pone.0018447 eISSN: 1932-6203
4	Antitumor effect of endostatin overexpressed in C6 glioma cells is associated with the down-regulation of VEGF	杨丽娟 (1/5)	201105	<i>International Journal of oncology</i> . 2011, 38:465-471 ISSN: 1019-6439
5	An Efficient Copper-Catalyzed Carbon-Sulfur Bond Formation Protocol in Water	柯方 (1/5)	201109	<i>Organic Letters</i> 2011, 13:454-457 doi: 10.1021/ol102784c.
6	Preparative separation of alkaloids from <i>Gelsemium elegans</i> Benth. using pH-zone-refining counter-current chromatography	俞昌喜 (5T/5)	201106	<i>Journal of Chromatography A</i> , 2011, 1218(23): 3695-8 http://dx.doi.org/10.1016/j.chroma.2011.04.025
7	Protracted cocaine withdrawal produces circadian rhythmic alterations of phosphorylated GSK-3 in reward-related brain areas in rats	俞昌喜 (8T/8)	201103	<i>Behavioural Brain Research</i> , 2011, 218(1):228-33 http://dx.doi.org/10.1016/j.bbr.2010.11.054
8	Design of a sandwich-mode amperometric biosensor for detection of PML/RAR fusion gene using locked nucleic acids on gold electrode	林新华 (6T/7)	201101	<i>Biosensors and Bioelectronics</i> , 2011, 26:2870-2876. doi:10.1016/j.bios.2010.11.030 ISSN: 0956-5663
9	Electrochemical biosensor based on nanoporous gold electrode for detection of PML/RAR α fusion gene	林新华 (9T/9)	201103	<i>Biosensors and Bioelectronics</i> , 2011, 26: 3812-3817. doi:10.1016/j.bios.2011.02.039. ISSN: 0956-5663
10	Enzyme-amplified electrochemical biosensor for detection of PML-RAR α fusion gene based on hairpin LNA probe	林新华 (8T/9)	201107	<i>Biosensors and Bioelectronics</i> , 2011, 28: 277-283. doi:10.1016/j.bios.2011.07.032. ISSN: 0956-5663

11	Antitumor effects of cucurmosin in human chronic myeloid leukemia occur through cell cycle arrest and decrease the Bcl-2/Bax ratio to induce apoptosis	谢捷明 (1T/10)	201107	<i>African Journal of Pharmacy and Pharmacology</i> , 2011, 5(7):985-992 DOI: 10.5897/AJPP10.300 ISSN: 1996-0816
12	The active alkaloids of <i>Gelsemium elegans</i> Benth. are potent anxiolytics	俞昌喜 (8T/8)	2012	<i>Psychopharmacology</i> , 2012, 录用待出版
13	Effects of koumine, an alkaloid of <i>Gelsemium elegans</i> Benth, on inflammatory and neuropathic pain models and possible mechanism with allopregnanolone	俞昌喜 (8T/8)	201205	<i>Pharmacology Biochemistry and Behavior</i> , 2012, 101(3):504-514 http://dx.doi.org/10.1016/j.pbb.2012.02.009
14	Development of electrochemical DNA biosensors	林新华 (7T/8)	201206	<i>Trac-Trends Analytical Chemistry</i> , 2012, 37: 101-111. doi: http://dx.doi.org/10.1016/j.trac.2012.03.008 . ISSN: 0165-9936
15	Entrapment of Protein in Nanotubes Formed by a Nanochannel and Ion-Channel Hybrid Structure of Anodic Alumina,	陈伟 (1/5)	201202	<i>Small</i> , 2012, 8: 1001-1005. doi: 10.1002/sml.201102117. ISSN 0957-1329
16	Peroxidase-Like Activity of Water-Soluble Cupric Oxide Nanoparticles and Its Analytical Application for Detection of Hydrogen Peroxide and Glucose	陈伟 (1/8)	201203	<i>Analyst</i> , 2012, 137 (7): 1706-1712. doi: 10.1039/C2AN35072F. ISSN. 0003-2654
17	Cucurmosin induces apoptosis of BxPC-3 human pancreatic cancer cells via inactivation of the EGFR signaling pathway	谢捷明 (3T/8)	201203	<i>Oncol Rep</i> , 2012, 27(3):891-897 ISSN: 1021-335X
18	Effects of PTEN inhibition on regulation of tau phosphorylation in an okadaic acid-induced neurodegeneration model	俞昌喜 (6T/6)	201210	<i>International Journal of Developmental Neuroscience</i> , 2012, 30:411-419 http://dx.doi.org/10.1016/j.ijdevneu.2012.08.003
19	Anti-proliferative effects of cucurmosin on human hepatoma HepG2 cells	谢捷明 (1T/6)	201201	<i>Mol Med Report</i> , 2012, 5(1):196-201 ISSN: 1791-2997
20	Bovine Serum Albumin-Based Probe Carrier Platform for Electrochemical DNA Biosensing,	陈伟 (3T/6)	201305	<i>Analytical Chemistry</i> , 2013, 85, 273-277.
21	Chemiluminescent cholesterol sensor based on peroxidase-like activity of cupric oxide nanoparticles	陈伟 (4T/5)	201306	<i>Biosensors and Bioelectronics</i> , 2013, 43, 1-5.

22	An IMPLICATION logic gate based on citrate-capped gold nanoparticles with thiocyanate and iodide as inputs	刘爱林 (4T/6)	201304	Analyst, 2013, 138, 6677-6682.
23	Hairpin LNA biosensor with enzyme tagged AuNPs as tracer for amperometric detection of K-ras mutation gene	林丽清 (1/6)	201306	Electrochimica Acta, 108, 808-813, 2013
24	A new supramolecular gel via host-guest complexation with cucurbit[8]uril and N-(4-diethylaminobenzyl)chitosan	林友文 (1/3)	201301	Carbohydrate Polymers, 2013, 92(1): 429-434.
25	C817 inhibits proliferation of imatinib-resistant CML cells expressing wide-type or mutant Bcr-Abl	吴丽贤 (1/6)	201309	Acta Pharmacologica Sinica(Accepted)
26	Cucurmosin kills human pancreatic cancer SW-1990 cells in vitro and in vivo	谢捷明 (3/6)	201307	Anti-cancer Agents In Medicinal Chemistry. 2013 Jul;13(6):952-6
27	Enzyme-based E-RNA sensor array with a hairpin probe: Specific detection of gene mutation	郑艳洁 (3/6)	201305	Sensors and Actuators B, 2013, 181: 227-233
28	Determination of Seven Biflavones of Selaginella Doederleinii by High Performance Liquid Chromatography	姚宏 (2T/6)	201309	Analytical Letters, 2013, 46: 2835-2845
29	Label-free electrochemical immunosensor based on K ₃ [Fe(CN) ₆] as signal for facile and sensitive determination of tumor necrosis factor- α	翁少煌 (2T/6)	201308	Sensors and Actuators B: Chemical, 2013, 184: ,1-7.
30	Colorimetric sensor based on dual-functional gold nanoparticles: Analyte-recognition and peroxidase-like activity	陈伟 (5T/7)	2014	Food Chemistry, 2014, 147, 257-261
31	Colorimetric sensor for thiocyanate based on anti-aggregation of citrate-capped gold nanoparticles	陈伟 (5T/6)	2014	Sensors and Actuators B: Chemical, 2014, 191, 479-484
32	In situ growth of porous platinum nanoparticles on graphene oxide for colorimetric detection of cancer cells	陈伟 (9T/9)	2014	Analytical Chemistry, 2014, 86, 2711-2718

33	Synthesis and Peroxidase-Like Activity of Salt-Resistant Platinum Nanoparticles by Using Bovine Serum Albumin as Scaffold	陈伟 (6T/7)	2014	Chemcatchem, 2014, 6, 1543-1548
34	Fluorescent hydrogen peroxide sensor based on cupric oxide nanoparticles and its application for glucose and L-lactate detection	陈伟 (8T/8)	2014	Biosensors & Bioelectronics, 2014, 61, 374-378
35	Choline and acetylcholine detection based on peroxidase-like activity and protein antifouling property of platinum nanoparticles in bovine serum albumin	陈伟 (7T/7)	2014	Biosensors & Bioelectronics, 2014, 62, 331-336
36	Ultrasensitive Label-Free Electrochemical Biosensor for MicroRNA-21 Detection based on 2'-O-methyl modified DNAzyme and Duplex-Specific Nuclease Assisted Target	陈敬华 (10T/10)	2014	Chemical Communications, 2014, 50, 12375--12377.
37	Ultrasensitive Electrochemiluminescence Biosensor Based on Locked Nucleic Acid Modified Toehold-Mediated Strand Displacement Reaction and Junction-probe	陈敬华 (10T/10)	2014	The Analyst, 2014, 139, 6109-6112.
38	Label-free electrochemical biosensor using home-made 10-methyl-3-nitro-acridone as indicator for picomolar detection of nuclear factor	陈敬华 (1T/7)	2014	Biosensors and Bioelectronics, 2014, 53, 12-17.
39	Carbon nanotubes functionalized electrospun nanofibers formed 3D electrode enables highly strong ECL of peroxydisulfate and its application in immunoassay	陈敬华 (8T/9)	2014	Biosensors and Bioelectronics, 2014, 61(15): 575-578.
40	Dual inhibition of Bcr-Abl and Hsp90 by C086 potently inhibits the proliferation of imatinib-resistant CML cells.	吴丽贤 (1/13)	2014	Clinical Cancer Research, OnlineFirst on December 11, 2014; DOI: 10.1158/1078-0432.
41	FW-04-806 inhibits proliferation and induces apoptosis in human breast cancer cells by binding to N-terminus of Hsp90 and disrupting Hsp90-Cdc37	许建华 (6T/7)	2014	Molecular Cancer, 2014, 13:150
42	Novel Hsp90 inhibitor FW-04-806 displays potent antitumor effects in HER2-positive breast cancer cells as a single agent or in combination with lapatinib	许建华 (7T/8)	2014	Cancer Letters, 2015, 356:862-71.

43	Methionine-Directed Fabrication of Gold Nanoclusters with Yellow Fluorescent Emission for Cu ²⁺ Sensing	陈伟 (8T/8)	2015	Biosensors & Bioelectronics, 2015, 65, 397-403
44	pH-sensitive gold nanocluster: preparation and analytical applications for urea, urease, and urease inhibitor	陈伟 (8T/8)	2015	Chemical Communications, 2015, 51, 7847-7850
45	Platinum Nanoparticles/Graphene Oxide Hybrid with Excellent Peroxidase-Like Activity and Its Application for Cysteine Detection	陈伟 (8T/8)	2015	Analyst, 2015, 140, 5251-5256
46	Label-free electrochemical DNA biosensor for rapid detection of multidrug resistance gene based on Au	彭花萍 (1/9)	2015	Sensors and Actuators B 207 (2015) 269 - 276.
47	A robust and versatile signal-on fluorescence sensing strategy based on SYBR Green I dye and graphene oxide	翁少煌 (5T/7)	2015	International Journal of Nanomedicine 2015, 10:147-156.
48	A unique turn-off fluorescent strategy for sensing dopamine based on formed polydopamine (pDA) using graphene quantum dots (GQDs) as	翁少煌 (1T/9)	2015	Sensors and Actuators B: Chemical 2015, 221, 7 - 14.
49	Dual-probe electrochemical DNA biosensor based on the “Y” junction structure and restriction endonuclease assisted cyclic	林新华 (10T/10)	2015	Biosensors and Bioelectronics. 2015, 71, 463-469.
50	Dual inhibition of Bcr-Abl and Hsp90 by C086 potentially inhibits the proliferation of imatinib-resistant CML cells	吴丽贤 (1T/13)	2015	Clin Cancer Res 2015; 21(4); 833 - 43.