

# Mengsu Yang

## List of Publications by Year in descending order

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231  
papers

11,004  
citations

28190

55  
h-index

40881

93  
g-index

237  
all docs

237  
docs citations

237  
times ranked

14678  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep RNA Sequencing Revealed Fusion Junctional Heterogeneity May Predict Crizotinib Treatment Efficacy in ALK-Rearranged NSCLC. <i>Journal of Thoracic Oncology</i> , 2022, 17, 264-276.	0.5	15
2	Single-cell RNA-seq recognized the initiator of epithelial ovarian cancer recurrence. <i>Oncogene</i> , 2022, 41, 895-906.	2.6	22
3	Single cell analysis of mechanical properties and EMT-related gene expression profiles in cancer fingers. <i>IScience</i> , 2022, 25, 103917.	1.9	13
4	Microdissected "cuboids" for microfluidic drug testing of intact tissues. <i>Lab on A Chip</i> , 2021, 21, 122-142.	3.1	30
5	Magnetothermal Miniature Reactors Based on Fe <sub>3</sub> O <sub>4</sub> Nanocube-Coated Liquid Marbles. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001658.	3.9	3
6	Glutathione-responsive PLGA nanocomplex for dual delivery of doxorubicin and curcumin to overcome tumor multidrug resistance. <i>Nanomedicine</i> , 2021, 16, 1411-1427.	1.7	5
7	Targeted destruction of cancer stem cells using multifunctional magnetic nanoparticles that enable combined hyperthermia and chemotherapy. <i>Theranostics</i> , 2020, 10, 1181-1196.	4.6	81
8	Dopamine-functionalized hyaluronic acid microspheres for effective capture of CD44-overexpressing circulating tumor cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 196, 111281.	2.5	16
9	Magnetic iron oxide nanomaterials: A key player in cancer nanomedicine. <i>View</i> , 2020, 1, 20200046.	2.7	31
10	&lt;p&gt;Inhibition of Glioma Cellsâ€™ Proliferation by Doxorubicin-Loaded Exosomes via Microfluidics&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 8331-8343.	3.3	87
11	A Smartphone-Based Sensing System for On-Site Quantitation of Multiple Heavy Metal Ions Using Fluorescent Carbon Nanodots-Based Microarrays. <i>ACS Sensors</i> , 2020, 5, 870-878.	4.0	127
12	PEG-PtS2 nanosheet-based fluorescence biosensor for label-free human papillomavirus genotyping. <i>Mikrochimica Acta</i> , 2020, 187, 408.	2.5	8
13	Organic/inorganic nanohybrids rejuvenate photodynamic cancer therapy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 4748-4763.	2.9	39
14	Single-cell EMT-related transcriptional analysis revealed intra-cluster heterogeneity of tumor cell clusters in epithelial ovarian cancer ascites. <i>Oncogene</i> , 2020, 39, 4227-4240.	2.6	30
15	Recent Progress in Ferroptosis Inducers for Cancer Therapy. <i>Advanced Materials</i> , 2019, 31, e1904197.	11.1	938
16	Single cell target gene mutation analysis by arc-edge-channel monolithic valve microfluidic cell isolation and locked nucleic acid-based PCR detection. <i>Sensors and Actuators B: Chemical</i> , 2019, 293, 224-234.	4.0	5
17	Autophagy inhibitor Vacuolin-1 interferes with lipid-based small interference RNA delivery. <i>Biochemical and Biophysical Research Communications</i> , 2019, 510, 427-434.	1.0	2
18	Facile Synthesis of Gadolinium Chelate-Conjugated Polymer Nanoparticles for Fluorescence/Magnetic Resonance Dual-Modal Imaging. <i>Analytical Chemistry</i> , 2018, 90, 1992-2000.	3.2	24

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19	Electrotaxis of tumor-initiating cells of H1975 lung adenocarcinoma cells is associated with both activation of stretch-activated cation channels (SACCs) and internal calcium release. <i>Bioelectrochemistry</i> , 2018, 124, 80-92.	2.4	19
20	Recent advances in microfluidic technology for manipulation and analysis of biological cells (2007-2017). <i>Analytica Chimica Acta</i> , 2018, 1044, 29-65.	2.6	69
21	Effects of direct current electric fields on lung cancer cell electrotaxis in a PMMA-based microfluidic device. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 2163-2178.	1.9	29
22	Transparent and Gas-Permeable Liquid Marbles for Culturing and Drug Sensitivity Test of Tumor Spheroids. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700185.	3.9	46
23	Development of Novel Piezoelectric Biosensor Using PZT Ceramic Resonator for Detection of Cancer Markers. <i>Methods in Molecular Biology</i> , 2017, 1572, 277-291.	0.4	16
24	Chemoresistant lung cancer stem cells display high DNA repair capability to remove cisplatin-induced DNA damage. <i>British Journal of Pharmacology</i> , 2017, 174, 302-313.	2.7	38
25	Liquid Marbles: Transparent and Gas-Permeable Liquid Marbles for Culturing and Drug Sensitivity Test of Tumor Spheroids ( <i>Adv. Healthcare Mater.</i> 13/2017). <i>Advanced Healthcare Materials</i> , 2017, 6, .	3.9	0
26	Cell migration microfluidics for electrotaxis-based heterogeneity study of lung cancer cells. <i>Biosensors and Bioelectronics</i> , 2017, 89, 837-845.	5.3	33
27	Monitoring the intracellular calcium response to a dynamic hypertonic environment. <i>Scientific Reports</i> , 2016, 6, 23591.	1.6	11
28	Icariin Stimulates Differentiation and Suppresses Adipocytic Transdifferentiation of Primary Osteoblasts Through Estrogen Receptor-Mediated Pathway. <i>Calcified Tissue International</i> , 2016, 99, 187-198.	1.5	36
29	Au Nanoparticles Decorated TiO <sub>2</sub> Nanotube Arrays as a Recyclable Sensor for Photoenhanced Electrochemical Detection of Bisphenol A. <i>Environmental Science &amp; Technology</i> , 2016, 50, 4430-4438.	4.6	124
30	Flavonoids of <i>Herba Epimedii</i> stimulate osteogenic differentiation and suppress adipogenic differentiation of primary mesenchymal stem cells via estrogen receptor pathway. <i>Pharmaceutical Biology</i> , 2016, 54, 954-963.	1.3	19
31	Microfluidic Platform for Studying Chemotaxis of Adhesive Cells Revealed a Gradient-Dependent Migration and Acceleration of Cancer Stem Cells. <i>Analytical Chemistry</i> , 2015, 87, 7098-7108.	3.2	40
32	A single low-cost microfabrication approach for polymethylmethacrylate, polystyrene, polycarbonate and polysulfone based microdevices. <i>RSC Advances</i> , 2015, 5, 36036-36043.	1.7	29
33	Synthesis, characterization and biomedical application of multifunctional luminomagnetic core-shell nanoparticles. <i>Materials Science and Engineering C</i> , 2015, 46, 32-40.	3.8	26
34	On-Site Formation of Emulsions by Controlled Air Plugs. <i>Small</i> , 2014, 10, 758-765.	5.2	21
35	Activation of multiple signaling pathways during the differentiation of mesenchymal stem cells cultured in a silicon nanowire microenvironment. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 1153-1163.	1.7	48
36	Terbium promotes adhesion and osteogenic differentiation of mesenchymal stem cells via activation of the Smad-dependent TGF- $\beta$ /BMP signaling pathway. <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 879-891.	1.1	16

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37	Gold nanoparticles stimulate differentiation and mineralization of primary osteoblasts through the ERK/MAPK signaling pathway. <i>Materials Science and Engineering C</i> , 2014, 42, 70-77.	3.8	108
38	Single layer linear array of microbeads for multiplexed analysis of DNA and proteins. <i>Biosensors and Bioelectronics</i> , 2014, 54, 297-305.	5.3	18
39	Label-free detection of endocrine disrupting chemicals by integrating a competitive binding assay with a piezoelectric ceramic resonator. <i>Biosensors and Bioelectronics</i> , 2014, 53, 406-413.	5.3	16
40	A general colorimetric method for detecting protease activity based on peptide-induced gold nanoparticle aggregation. <i>RSC Advances</i> , 2014, 4, 6560-6563.	1.7	23
41	A microfluidic linear node array for the study of protein-ligand interactions. <i>Lab on A Chip</i> , 2014, 14, 3993-3999.	3.1	1
42	A dual-mode nanosensor based on carbon quantum dots and gold nanoparticles for discriminative detection of glutathione in human plasma. <i>Biosensors and Bioelectronics</i> , 2014, 56, 39-45.	5.3	278
43	iTRAQ-based proteomic profiling of the marine medaka ( <i>Oryzias melastigma</i> ) gonad exposed to BDE-47. <i>Marine Pollution Bulletin</i> , 2014, 85, 471-478.	2.3	20
44	Peptide-Bridged Assembly of Hybrid Nanomaterial and Its Application for Caspase-3 Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 6494-6501.	4.0	52
45	Coupling gold nanoparticles to silica nanoparticles through disulfide bonds for glutathione detection. <i>Nanotechnology</i> , 2013, 24, 375501.	1.3	45
46	Gender-specific transcriptional profiling of marine medaka ( <i>Oryzias melastigma</i> ) liver upon BDE-47 exposure. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2013, 8, 255-262.	0.4	8
47	Nanoparticle-based signal generation and amplification in microfluidic devices for bioanalysis. <i>Analyst</i> , 2013, 138, 6709.	1.7	19
48	Microfluidics study of intracellular calcium response to mechanical stimulation on single suspension cells. <i>Lab on A Chip</i> , 2013, 13, 1060.	3.1	20
49	TGF- $\beta$ <sup>2</sup> /BMP signaling pathway is involved in cerium-promoted osteogenic differentiation of mesenchymal stem cells. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 1105-1114.	1.2	77
50	Detection of cancer biomarkers by piezoelectric biosensor using PZT ceramic resonator as the transducer. <i>Biosensors and Bioelectronics</i> , 2013, 46, 155-161.	5.3	88
51	Screen printing of solder resist as master substrates for fabrication of multi-level microfluidic channels and flask-shaped microstructures for cell-based applications. <i>Biosensors and Bioelectronics</i> , 2013, 41, 675-683.	5.3	25
52	Reorganization of Cytoskeleton and Transient Activation of Ca <sup>2+</sup> Channels in Mesenchymal Stem Cells Cultured on Silicon Nanowire Arrays. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 13295-13304.	4.0	47
53	Imipramine Inhibits Adipogenic Differentiation in Both 3T3-L1 Preadipocytes and Mouse Marrow Stromal Cells. <i>Journal of Genetics and Genomics</i> , 2012, 39, 173-180.	1.7	4
54	Herba epimedii flavonoids suppress osteoclastic differentiation and bone resorption by inducing G2/M arrest and apoptosis. <i>Biochimie</i> , 2012, 94, 2514-2522.	1.3	66

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55	Herbal formula Astragali Radix and Rehmanniae Radix exerted wound healing effect on human skin fibroblast cell line Hs27 via the activation of transformation growth factor (TGF- $\beta$ <sup>2</sup> ) pathway and promoting extracellular matrix (ECM) deposition. <i>Phytomedicine</i> , 2012, 20, 9-16.	2.3	45
56	The Effects of Ce on the Proliferation, Osteogenic Differentiation and Mineralization Function of MC3T3-E1 Cells In Vitro. <i>Biological Trace Element Research</i> , 2012, 149, 291-297.	1.9	11
57	The Dual-Effects of LaCl <sub>3</sub> on the Proliferation, Osteogenic Differentiation, and Mineralization of MC3T3-E1 Cells. <i>Biological Trace Element Research</i> , 2012, 150, 433-440.	1.9	36
58	Integrated sieving microstructures on microchannels for biological cell trapping and droplet formation. <i>Lab on A Chip</i> , 2011, 11, 3352.	3.1	12
59	Danshenâ€œGegen decoction exerts proliferative effect on rat cardiac myoblasts H9c2 via MAPK and insulin pathways. <i>Journal of Ethnopharmacology</i> , 2011, 138, 60-66.	2.0	22
60	Transcriptional profiling of human skin fibroblast cell line Hs27 induced by herbal formula Astragali Radix and Rehmanniae Radix. <i>Journal of Ethnopharmacology</i> , 2011, 138, 668-675.	2.0	17
61	Multienzyme-nanoparticles amplification for sensitive virus genotyping in microfluidic microbeads array using Au nanoparticle probes and quantum dots as labels. <i>Biosensors and Bioelectronics</i> , 2011, 29, 89-96.	5.3	35
62	Waterâ€œSoluble and Biocompatible Cyclometalated Iridium(III) Complexes: Synthesis, Luminescence and Sensing Application. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 197-200.	1.0	28
63	Linkage of angiotensinogen gene polymorphisms with hypertension in a sibling study of Hong Kong Chinese. <i>Journal of Hypertension</i> , 2010, 28, 1203-1209.	0.3	32
64	Patterned growth of vertically aligned silicon nanowire arrays for label-free DNA detection using surface-enhanced Raman spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 3143-3150.	1.9	39
65	A microfluidic device with microbead array for sensitive virus detection and genotyping using quantum dots as fluorescence labels. <i>Biosensors and Bioelectronics</i> , 2010, 25, 2402-2407.	5.3	58
66	The effects of gold nanoparticles on the proliferation, differentiation, and mineralization function of MC3T3-E1 cells in vitro. <i>Science Bulletin</i> , 2010, 55, 1013-1019.	1.7	54
67	Prevalence and genotype distribution of cervical human papillomavirus infection in Macao. <i>Journal of Medical Virology</i> , 2010, 82, 1724-1729.	2.5	17
68	Microfluidic formation of single cell array for parallel analysis of Ca <sup>2+</sup> release-activated Ca <sup>2+</sup> (CRAC) channel activation and inhibition. <i>Analytical Biochemistry</i> , 2010, 396, 173-179.	1.1	22
69	Covalent Conjugation of Multi-walled Carbon Nanotubes with Proteins. <i>Methods in Molecular Biology</i> , 2010, 625, 9-17.	0.4	12
70	Gold Nanoparticles Promote Osteogenic Differentiation of Mesenchymal Stem Cells through p38 MAPK Pathway. <i>ACS Nano</i> , 2010, 4, 6439-6448.	7.3	375
71	Beta-adrenergic signals regulate adipogenesis of mouse mesenchymal stem cells via cAMP/PKA pathway. <i>Molecular and Cellular Endocrinology</i> , 2010, 323, 201-207.	1.6	47
72	Comparison of gene expression profiles in BALB/c 3T3 transformed foci exposed to tumor promoting agents. <i>Toxicology in Vitro</i> , 2010, 24, 430-438.	1.1	14

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73	$\beta$ 2- and $\beta$ 3-, but not $\beta$ 1-adrenergic receptors are involved in osteogenesis of mouse mesenchymal stem cells via cAMP/PKA signaling. Archives of Biochemistry and Biophysics, 2010, 496, 77-83.	1.4	38
74	Real-time monitoring of suspension cell-cell communication using an integrated microfluidics. Lab on A Chip, 2010, 10, 2271.	3.1	25
75	Inhibition of Proliferation and Differentiation of Mesenchymal Stem Cells by Carboxylated Carbon Nanotubes. ACS Nano, 2010, 4, 2185-2195.	7.3	169
76	Effects of Carbon Nanotubes on the Proliferation and Differentiation of Primary Osteoblasts. Methods in Molecular Biology, 2010, 625, 41-53.	0.4	24
77	Effect of Carbon Nanotubes on HepG2 Adhesion and Spreading. Methods in Molecular Biology, 2010, 625, 179-194.	0.4	0
78	Covalently Linked Deoxyribonucleic Acid with Multi-walled Carbon Nanotubes: Synthesis and Characterization. Methods in Molecular Biology, 2010, 625, 19-26.	0.4	0
79	Building Nanoscale Architectures by Directed Synthesis and Self-Assembly. Current Nanoscience, 2009, 5, 75-87.	0.7	25
80	Effect of Dy3+ on osteogenic and adipogenic differentiation of mouse primary bone marrow stromal cells and adipocytic trans-differentiation of mouse primary osteoblasts. Science Bulletin, 2009, 54, 66-71.	1.7	8
81	Transcriptional analysis of doxorubicin-induced cytotoxicity and resistance in human hepatocellular carcinoma cell lines. Liver International, 2009, 29, 1338-1347.	1.9	28
82	Synthesis, characterization and antitumor activity of new type binuclear platinum(II) complexes. European Journal of Medicinal Chemistry, 2009, 44, 2322-2327.	2.6	24
83	Differentially expressed genes from the glioblastoma cell line SHG-44 treated with all-trans retinoic acid in vitro. Journal of Clinical Neuroscience, 2009, 16, 285-294.	0.8	11
84	Gene expression analysis of human promyelocytic leukemia HL-60 cell differentiation and cytotoxicity induced by natural and synthetic retinoids. Life Sciences, 2009, 84, 576-583.	2.0	13
85	Cell Adhesion and Spreading Behavior on Vertically Aligned Silicon Nanowire Arrays. ACS Applied Materials & Interfaces, 2009, 1, 30-34.	4.0	176
86	Effects of water extract of <i>Cajanus cajan</i> leaves on differentiation and function of primary osteoblasts and osteoclasts in vitro. Pharmaceutical Biology, 2009, 47, 841-846.	1.3	2
87	DNA expression profiles of non-small cell lung cancer. Chinese Journal of Lung Cancer, 2009, 12, 8-15.	0.7	1
88	Synergistic effect of trace elements and flavonoids from Epimedium koreanum Nakai on primary osteoblasts. Science Bulletin, 2008, 53, 347-356.	1.7	13
89	Measurement of binding kinetics between PI3-K and phosphorylated IGF-1R using a surface plasmon resonance biosensor. Mikrochimica Acta, 2008, 162, 253-260.	2.5	4
90	Proteomic and transcriptomic study on the action of a cytotoxic saponin (Polyphyllin D): Induction of endoplasmic reticulum stress and mitochondria-mediated apoptotic pathways. Proteomics, 2008, 8, 3105-3117.	1.3	94

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91	Synthesis, cytotoxicity and DNA binding levels of tri-functional mononuclear platinum(II) complexes. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 441-447.	2.6	15
92	A surface-enhanced Raman spectroscopy substrate for highly sensitive label-free immunoassay. <i>Applied Physics Letters</i> , 2008, 92, .	1.5	67
93	Effects of total flavonoids and flavonol glycosides from <i>Epimedium koreanum</i> Nakai on the proliferation and differentiation of primary osteoblasts. <i>Phytomedicine</i> , 2008, 15, 55-61.	2.3	127
94	The structure and function of ribonuclease A upon interacting with carbon nanotubes. <i>Nanotechnology</i> , 2008, 19, 095102.	1.3	24
95	cDNA microarray analysis of the differentially expressed genes involved in murine pre-osteoclast RAW264.7 cells proliferation stimulated by dexamethasone. <i>Life Sciences</i> , 2008, 82, 135-148.	2.0	8
96	Differential expression of genes associated with cell proliferation and apoptosis induced by okadaic acid during the transformation process of BALB/c 3T3 cells. <i>Toxicology in Vitro</i> , 2008, 22, 116-127.	1.1	18
97	Colorimetric oligonucleotide array for genotyping of hepatitis C virus based on the 5' non-coding region. <i>Clinica Chimica Acta</i> , 2008, 388, 22-27.	0.5	8
98	Editorial "analytical science in China. <i>Analyst</i> , The, 2008, 133, 1127.	1.7	0
99	COOH-Terminal Truncated HBV X Protein Plays Key Role in Hepatocarcinogenesis. <i>Clinical Cancer Research</i> , 2008, 14, 5061-5068.	3.2	145
100	Acrylamide-induced molecular mutation spectra at HPRT locus in human promyelocytic leukaemia HL-60 and NB4 cell lines. <i>Mutagenesis</i> , 2008, 23, 309-315.	1.0	3
101	1p31, 7q21 and 18q21 chromosomal aberrations and candidate genes in acquired vinblastine resistance of human cervical carcinoma KB cells. <i>Oncology Reports</i> , 2008, 19, 1155-64.	1.2	19
102	The effects of carbon nanotubes on the proliferation and differentiation of primary osteoblasts. <i>Nanotechnology</i> , 2007, 18, 475102.	1.3	58
103	Deep proteome profiling of sera from never-smoked lung cancer patients. <i>Biomedicine and Pharmacotherapy</i> , 2007, 61, 570-577.	2.5	33
104	Hypoxia induces the activation of human hepatic stellate cells LX-2 through TGF- $\beta$ 2 signaling pathway. <i>FEBS Letters</i> , 2007, 581, 203-210.	1.3	72
105	Magnolol suppresses NF- $\kappa$ B activation and NF- $\kappa$ B regulated gene expression through inhibition of I $\kappa$ B kinase activation. <i>Molecular Immunology</i> , 2007, 44, 2647-2658.	1.0	58
106	Effects of lanthanum and gadolinium on proliferation and differentiation of primary osteoblasts. <i>Progress in Natural Science: Materials International</i> , 2007, 17, 618-623.	1.8	16
107	3-D streamline steering by nodes arrayed in an entangled microfluidic network. <i>Lab on A Chip</i> , 2007, 7, 1712.	3.1	1
108	DNA-directed self-assembly of gold nanoparticles into binary and ternary nanostructures. <i>Nanotechnology</i> , 2007, 18, 015102.	1.3	60

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109	Generation of linear and non-linear concentration gradients along microfluidic channel by microtunnel controlled stepwise addition of sample solution. <i>Lab on A Chip</i> , 2007, 7, 1371.	3.1	48
110	Interactions between carbon nanotubes and DNA polymerase and restriction endonucleases. <i>Nanotechnology</i> , 2007, 18, 025102.	1.3	38
111	Cytotoxic Activity of Schisandrolid and Isoschisandrolid Acids Involves Induction of Apoptosis. <i>Chemotherapy</i> , 2007, 53, 257-262.	0.8	16
112	DNA Binding and Cytotoxicity of Ruthenium(II) and Rhenium(I) Complexes of 2-Amino-4-phenylamino-6-(2-pyridyl)-1,3,5-triazine. <i>Inorganic Chemistry</i> , 2007, 46, 740-749.	1.9	138
113	Effects of Silicon Nanowires on HepG2 Cell Adhesion and Spreading. <i>ChemBioChem</i> , 2007, 8, 1115-1118.	1.3	42
114	Inhibition of Biochemical Reactions by Silicon Nanowires through Modulating Enzyme Activities. <i>ChemBioChem</i> , 2007, 8, 1225-1229.	1.3	8
115	Dexamethasone protects RAW264.7 macrophages from growth arrest and apoptosis induced by H <sub>2</sub> O <sub>2</sub> through alteration of gene expression patterns and inhibition of nuclear factor- $\kappa$ B (NF- $\kappa$ B) activity. <i>Toxicology</i> , 2007, 236, 16-28.	2.0	20
116	Biofunctional organic nanocrystals for quantitative detection of pathogen deoxyribonucleic acid. <i>Analytica Chimica Acta</i> , 2007, 584, 7-11.	2.6	24
117	Effect of zinc ion on the osteogenic and adipogenic differentiation of mouse primary bone marrow stromal cells and the adipocytic trans-differentiation of mouse primary osteoblasts. <i>Journal of Trace Elements in Medicine and Biology</i> , 2007, 21, 84-91.	1.5	75
118	Effects of small molecular inhibitors on the binding between HIV-1 reverse transcriptase and DNA as revealed by SPR biosensor. <i>Sensors and Actuators B: Chemical</i> , 2007, 122, 243-252.	4.0	11
119	Study of low molecular weight effectors on the binding between cell membrane receptor IGF-1R and its substrate protein IRS-1 by SPR biosensor. <i>Sensors and Actuators B: Chemical</i> , 2007, 124, 227-236.	4.0	11
120	Chromones and indolinone alkaloids from <i>Actaea asiatica</i> Hara. <i>Biochemical Systematics and Ecology</i> , 2007, 35, 467-469.	0.6	3
121	1,25-Dihydroxyvitamin D <sub>3</sub> induces biphasic NF- $\kappa$ B responses during HL-60 leukemia cells differentiation through protein induction and PI3K/Akt-dependent phosphorylation/degradation of I $\kappa$ B. <i>Experimental Cell Research</i> , 2007, 313, 1722-1734.	1.2	33
122	Reversal of multidrug resistance in cancer cells by <i>Rhizoma Alismatis</i> extract. <i>Phytomedicine</i> , 2007, 14, 160-165.	2.3	55
123	Effect of hypoxia on RAW264.7 macrophages apoptosis and signaling. <i>Toxicology</i> , 2007, 235, 52-61.	2.0	18
124	Dose-dependent cell-based assays in V-shaped microfluidic channels. <i>Lab on A Chip</i> , 2006, 6, 921.	3.1	34
125	Synthesis, Characterization and Cytotoxicity of Ammine/Methylamine Platinum (II) Complexes with Carboxylates. <i>Chemical Research in Chinese Universities</i> , 2006, 22, 278-282.	1.3	0
126	Silicon nanowires for high-sensitivity glucose detection. <i>Applied Physics Letters</i> , 2006, 88, 213104.	1.5	68

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127	Cytotoxic Cycloartane Triterpene Saponins from <i>Actaea asiatica</i> . <i>Journal of Natural Products</i> , 2006, 69, 1500-1502.	1.5	33
128	Effects of rhDecorin on TGF- $\beta$ 1 induced human hepatic stellate cells LX-2 activation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2006, 1760, 1587-1595.	1.1	39
129	Triptolide induces Bcl-2 cleavage and mitochondria dependent apoptosis in p53-deficient HL-60 cells. <i>Cancer Letters</i> , 2006, 241, 31-41.	3.2	51
130	Methyl protodioscin induces G2/M cell cycle arrest and apoptosis in HepG2 liver cancer cells. <i>Cancer Letters</i> , 2006, 241, 102-109.	3.2	70
131	Anti-cancer activity and mechanisms of 25-anhydrocimigenol-3-O- $\beta$ -D-xylopyranoside isolated from <i>Souliea vaginata</i> on hepatomas. <i>Anti-Cancer Drugs</i> , 2006, 17, 545-551.	0.7	13
132	Clusterin plays an important role in hepatocellular carcinoma metastasis. <i>Oncogene</i> , 2006, 25, 1242-1250.	2.6	134
133	Microfluidics technology for manipulation and analysis of biological cells. <i>Analytica Chimica Acta</i> , 2006, 560, 1-23.	2.6	425
134	Using thermally printed transparency as photomasks to generate microfluidic structures in PDMS material. <i>Sensors and Actuators A: Physical</i> , 2006, 126, 463-468.	2.0	9
135	Analysis of interactions of template/primer duplexes with T7 DNA polymerase by oligonucleotide microarray. <i>Sensors and Actuators B: Chemical</i> , 2006, 115, 428-433.	4.0	9
136	A low temperature bonding of quartz microfluidic chip for serum lipoproteins analysis. <i>Biomedical Microdevices</i> , 2006, 8, 255-261.	1.4	17
137	Optical and electrochemical detection techniques for cell-based microfluidic systems. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 384, 1259-1268.	1.9	100
138	Synthesis and antitumor activity of iodo-bridged binuclear platinum complex. <i>Science Bulletin</i> , 2006, 51, 911-917.	1.7	2
139	Chemical constituents of <i>Actaea asiatica</i> Hara and their anti-osteoporosis activities. <i>Biochemical Systematics and Ecology</i> , 2006, 34, 710-713.	0.6	8
140	The cytotoxicity of naturally occurring styryl lactones. <i>Phytomedicine</i> , 2006, 13, 181-186.	2.3	57
141	Numerical analysis of an electrokinetic double-focusing injection technique for microchip CE. <i>Electrophoresis</i> , 2006, 27, 5009-5019.	1.3	11
142	Detection of Genetic Homogeneity of <i>Panax notoginseng</i> Cultivars by Sequencing Nuclear 18S rRNA and Plastid matK Genes. <i>Planta Medica</i> , 2006, 72, 860-862.	0.7	5
143	Effect of Weijia on carbon tetrachloride induced chronic liver injury. <i>World Journal of Gastroenterology</i> , 2006, 12, 1912.	1.4	15
144	Effects of genistein, daidzein and glycitein on the osteogenic and adipogenic differentiation of bone marrow stromal cells and on the adipogenic trans-differentiation of osteoblasts*. <i>Progress in Natural Science: Materials International</i> , 2005, 15, 993-999.	1.8	1

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146	Microarray Data Analysis. , 2005, , 353-388.		4
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