

# Xiaohui Fan

## List of Publications by Year in descending order

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132  
papers

7,175  
citations

109321

35  
h-index

66911

78  
g-index

146  
all docs

146  
docs citations

146  
times ranked

9379  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of the adverse outcome pathway concept for investigating developmental neurotoxicity potential of Chinese herbal medicines by using human neural progenitor cells in vitro. <i>Cell Biology and Toxicology</i> , 2023, 39, 319-343.	5.3	5
2	Si@Ag@PEI substrate-based SERS sensor for rapid detection of illegally adulterated sulfur dioxide in traditional Chinese medicine. <i>Talanta</i> , 2022, 238, 122988.	5.5	11
3	Assessing reproducibility of inherited variants detected with short-read whole genome sequencing. <i>Genome Biology</i> , 2022, 23, 2.	8.8	18
4	Single-Cell RNA Sequencing Reveals the Temporal Diversity and Dynamics of Cardiac Immunity after Myocardial Infarction. <i>Small Methods</i> , 2022, 6, e2100752.	8.6	31
5	Revealing the transcriptional heterogeneity of organ-specific metastasis in human gastric cancer using single-cell RNA Sequencing. <i>Clinical and Translational Medicine</i> , 2022, 12, e730.	4.0	59
6	Global patent landscape of benign prostatic hyperplasia drugs. <i>Urology</i> , 2022, , .	1.0	1
7	Multimodal integrated strategy for the discovery and identification of quality markers in traditional Chinese medicine. <i>Journal of Pharmaceutical Analysis</i> , 2022, 12, 701-710.	5.3	27
8	Tracing the cell-type-specific modules of immune responses during COVID-19 progression using scDisProcema. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 3545-3555.	4.1	1
9	Determination of inhibitory activity of <i>Salvia miltiorrhiza</i> extracts on xanthine oxidase with a paper-based analytical device. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 603-610.	5.3	7
10	CellTalkDB: a manually curated database of ligand-receptor interactions in humans and mice. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	146
11	Neuroprotective effects of Ginkgo biloba dropping pills in Parkinson's disease. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 220-231.	5.3	33
12	Uncovering an Organ's Molecular Architecture at Single-Cell Resolution by Spatially Resolved Transcriptomics. <i>Trends in Biotechnology</i> , 2021, 39, 43-58.	9.3	145
13	An ultra-robust fingerprinting method for quality assessment of traditional Chinese medicine using multiple reaction monitoring mass spectrometry. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 88-95.	5.3	26
14	Transcriptome sequencing profiling identifies miRNA-331-3p as an osteoblast-specific miRNA in infected bone nonunion. <i>Bone</i> , 2021, 143, 115619.	2.9	4
15	Identify differential genes and cell subclusters from time-series scRNA-seq data using scTITANS. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 4132-4141.	4.1	6
16	Cross-oncopanel study reveals high sensitivity and accuracy with overall analytical performance depending on genomic regions. <i>Genome Biology</i> , 2021, 22, 109.	8.8	20
17	Reduning injection and its effective constituent luteoloside protect against sepsis partly via inhibition of HMGB1/TLR4/NF- $\kappa$ B/MAPKs signaling pathways. <i>Journal of Ethnopharmacology</i> , 2021, 270, 113783.	4.1	24
18	Genome-Wide DNA Methylation Alterations and Potential Risk Induced by Subacute and Subchronic Exposure to Food-Grade Nanosilica in Mice. <i>ACS Nano</i> , 2021, 15, 8225-8243.	14.6	6

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19	Procyanidin B2 and rutin in Ginkgo biloba extracts protect human retinal pigment epithelial (RPE) cells from oxidative stress by modulating Nrf2 and Erk1/2 signalling. <i>Experimental Eye Research</i> , 2021, 207, 108586.	2.6	20
20	Evidence on Efficacy and Safety of Chinese Medicines Combined Western Medicines Treatment for Breast Cancer With Endocrine Therapy. <i>Frontiers in Oncology</i> , 2021, 11, 661925.	2.8	4
21	Implication of ferroptosis in aging. <i>Cell Death Discovery</i> , 2021, 7, 149.	4.7	38
22	Multiplexing Methods for Simultaneous Large-Scale Transcriptomic Profiling of Samples at Single-Cell Resolution. <i>Advanced Science</i> , 2021, 8, e2101229.	11.2	29
23	Babaodan controls excessive immune responses and may represent a cytokine-targeted agent suitable for COVID-19 treatment. <i>Biomedicine and Pharmacotherapy</i> , 2021, 139, 111586.	5.6	7
24	MetaGeneBank: a standardized database to study deep sequenced metagenomic data from human fecal specimen. <i>BMC Microbiology</i> , 2021, 21, 263.	3.3	5
25	scDeepSort: a pre-trained cell-type annotation method for single-cell transcriptomics using deep learning with a weighted graph neural network. <i>Nucleic Acids Research</i> , 2021, 49, e122-e122.	14.5	61
26	Disease-Based Network Pharmacology Practice Process. , 2021, , 395-429.		1
27	Reliable Identification and Quantification of Neural Cells in Microscopic Images of Neurospheres. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2021, , .	1.5	6
28	Reporting guidelines for human microbiome research: the STORMS checklist. <i>Nature Medicine</i> , 2021, 27, 1885-1892.	30.7	170
29	Shexiang Tongxin Dropping Pill Protects Against Chronic Heart Failure in Mice via Inhibiting the ERK/MAPK and TGF- $\beta$ 2 Signaling Pathways. <i>Frontiers in Pharmacology</i> , 2021, 12, 796354.	3.5	6
30	Integrating serum exosomal microRNA and liver microRNA profiles disclose the function role of autophagy and mechanisms of Fructus Meliae Toosendan-induced hepatotoxicity in mice. <i>Biomedicine and Pharmacotherapy</i> , 2020, 123, 109709.	5.6	14
31	Prediction of Adverse Drug Reactions by Combining Biomedical Tripartite Network and Graph Representation Model. <i>Chemical Research in Toxicology</i> , 2020, 33, 202-210.	3.3	16
32	Protective effects of Ginkgo Biloba Dropping Pills against liver ischemia/reperfusion injury in mice. <i>Chinese Medicine</i> , 2020, 15, 122.	4.0	16
33	A Clinical Genomics-Guided Prioritizing Strategy Enables Selecting Proper Cancer Cell Lines for Biomedical Research. <i>IScience</i> , 2020, 23, 101748.	4.1	0
34	Chemical constituents of Panax ginseng and Panax notoginseng explain why they differ in therapeutic efficacy. <i>Pharmacological Research</i> , 2020, 161, 105263.	7.1	143
35	New avenues for systematically inferring cell-cell communication: through single-cell transcriptomics data. <i>Protein and Cell</i> , 2020, 11, 866-880.	11.0	82
36	scCATCH: Automatic Annotation on Cell Types of Clusters from Single-Cell RNA Sequencing Data. <i>IScience</i> , 2020, 23, 100882.	4.1	178

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37	Potential hepatic and renal toxicity induced by the biflavonoids from Ginkgo biloba. Chinese Journal of Natural Medicines, 2019, 17, 672-681.	1.3	20
38	Copy number variation is highly correlated with differential gene expression: a pan-cancer study. BMC Medical Genetics, 2019, 20, 175.	2.1	174
39	Pharmacokinetics, tissue distribution and excretion of saponins after intravenous administration of ShenMai Injection in rats. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1128, 121777.	2.3	15
40	Characterization of chemical constituents and identification of absorbed components and metabolites in rat plasma of Fuâ€šKeâ€šZaiâ€šZao pills by ultra high performance liquid chromatography with quadrupole timeâ€šofâ€šflight mass spectrometry. Journal of Separation Science, 2019, 42, 1842-1852.	2.5	7
41	Safety Research in Traditional Chinese Medicine: Methods, Applications, and Outlook. Engineering, 2019, 5, 76-82.	6.7	23
42	Q-marker based strategy for CMC research of Chinese medicine: A case study of Panax Notoginseng saponins. Phytomedicine, 2018, 44, 129-137.	5.3	23
43	Circulating exosomal microRNAs reveal the mechanism of Fructus Meliae Toosendan-induced liver injury in mice. Scientific Reports, 2018, 8, 2832.	3.3	16
44	iTRAQ-Based Proteomic Analysis Reveals Recovery of Impaired Mitochondrial Function in Ischemic Myocardium by Shenmai Formula. Journal of Proteome Research, 2018, 17, 794-803.	3.7	14
45	Investigating chemical features of Panax notoginseng based on integrating HPLC fingerprinting and determination of multiconstituents by single reference standard. Journal of Ginseng Research, 2018, 42, 334-342.	5.7	35
46	Chemical analysis, pharmacological activity and process optimization of the proportion of bilobalide and ginkgolides in Ginkgo biloba extract. Journal of Pharmaceutical and Biomedical Analysis, 2018, 160, 46-54.	2.8	20
47	Network pharmacology study reveals energy metabolism and apoptosis pathways-mediated cardioprotective effects of Shenqi Fuzheng. Journal of Ethnopharmacology, 2018, 227, 155-165.	4.1	28
48	Carboxylate Ionic Liquids Combining Low Cytotoxicity toward HepG2 Cell and High Separation Efficiency for Bioactive Molecules. ACS Sustainable Chemistry and Engineering, 2017, 5, 1974-1981.	6.7	22
49	In silico modeling on ADME properties of natural products: Classification models for blood-brain barrier permeability, its application to traditional Chinese medicine and in vitro experimental validation. Journal of Molecular Graphics and Modelling, 2017, 75, 347-354.	2.4	24
50	Comparison of the chemical constituents and immunomodulatory activity of ophiopogonis radix from two different producing areas. Journal of Pharmaceutical and Biomedical Analysis, 2017, 134, 60-70.	2.8	24
51	A Bioactive Chemical Markers Based Strategy for Quality Assessment of Botanical Drugs: Xuesaitong Injection as a Case Study. Scientific Reports, 2017, 7, 2410.	3.3	31
52	Revealing topics and their evolution in biomedical literature using Bio-DTM: a case study of ginseng. Chinese Medicine, 2017, 12, 27.	4.0	16
53	Deciphering chemical interactions between Glycyrrhizae Radix and Coptidis Rhizoma by liquid chromatography with transformed multiple reaction monitoring mass spectrometry. Journal of Separation Science, 2017, 40, 1254-1265.	2.5	22
54	Qualitative analysis of chemical constituents in traditional Chinese medicine analogous formula chengâ€šQi decoctions by liquid chromatographyâ€šmass spectrometry. Biomedical Chromatography, 2016, 30, 301-311.	1.7	8

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55	Identification and screening of chemical constituents with hepatoprotective effects from three traditional Chinese medicines for treating jaundice. <i>Journal of Separation Science</i> , 2016, 39, 3690-3699.	2.5	16
56	Rapid discovery and identification of anti-inflammatory constituents from traditional Chinese medicine formula by activity index, LC-MS, and NMR. <i>Scientific Reports</i> , 2016, 6, 31000.	3.3	15
57	Integrated analysis of microRNA and mRNA expression profiles highlights the complex and dynamic behavior of toosendanin-induced liver injury in mice. <i>Scientific Reports</i> , 2016, 6, 34225.	3.3	23
58	LC-ESI-TOF-MS-based metabolomic analysis of ginsenoside Rd-induced anaphylactoid reaction in mice. <i>RSC Advances</i> , 2016, 6, 19545-19554.	3.6	8
59	Exploring the interaction between <i>Salvia miltiorrhiza</i> and human serum albumin: Insights from herb-drug interaction reports, computational analysis and experimental studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 161, 1-7.	3.9	23
60	Identification of chemical constituents in two traditional Chinese medicine formulae by liquid chromatography-mass spectrometry and off-line nuclear magnetic resonance. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 117, 255-265.	2.8	20
61	Network-based Assessment on Chemical-induced Cholestatic Liver Injury. <i>Current Topics in Medicinal Chemistry</i> , 2016, 16, 3668-3677.	2.1	8
62	Chemical and Metabolic Profiling of Si-Ni Decoction Analogous Formulae by High performance Liquid Chromatography-Mass Spectrometry. <i>Scientific Reports</i> , 2015, 5, 11638.	3.3	21
63	Predose and Postdose Blood Gene Expression Profiles Identify the Individuals Susceptible to Acetaminophen-Induced Liver Injury in Rats. <i>PLoS ONE</i> , 2015, 10, e0141750.	2.5	4
64	Integrated expression profiles of mRNA and microRNA in the liver of <i>Fructus Meliae</i> Toosendan water extract injured mice. <i>Frontiers in Pharmacology</i> , 2015, 6, 236.	3.5	16
65	The effects of size and surface modification of amorphous silica particles on biodistribution and liver metabolism in mice. <i>Nanotechnology</i> , 2015, 26, 175101.	2.6	19
66	Transcriptomics: a sword to cut the Gordian knot of traditional Chinese medicine. <i>Biomarkers in Medicine</i> , 2015, 9, 1201-1213.	1.4	23
67	Derivative multiple reaction monitoring and single herb calibration approach for multiple components quantification of traditional Chinese medicine analogous formulae. <i>Journal of Chromatography A</i> , 2015, 1376, 126-142.	3.7	35
68	A proteomic study of Shengmai injection's mechanism on preventing cardiac ischemia-reperfusion injury via energy metabolism modulation. <i>Molecular BioSystems</i> , 2015, 11, 540-548.	2.9	26
69	Efficacy-oriented compatibility for component-based Chinese medicine. <i>Acta Pharmacologica Sinica</i> , 2015, 36, 654-658.	6.1	66
70	In silico methods for predicting drug-drug interactions with cytochrome P-450s, transporters and beyond. <i>Advanced Drug Delivery Reviews</i> , 2015, 86, 46-60.	13.7	33
71	Network Pharmacology for Traditional Chinese Medicine Research: Methodologies and Applications. <i>Chinese Herbal Medicines</i> , 2015, 7, 18-26.	3.0	23
72	Revealing the mechanism of <i>Fructus meliae</i> toosendan-induced liver injury in mice by integrating microRNA and mRNA-based toxicogenomics data. <i>RSC Advances</i> , 2015, 5, 81774-81783.	3.6	6

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73	Rapid screening natural-origin lipase inhibitors from hypolipidemic decoctions by ultrafiltration combined with liquid chromatography–mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 104, 67-74.	2.8	44
74	Development of a sensitive LC–MS/MS method for simultaneous quantification of eleven constituents in rat serum and its application to a pharmacokinetic study of a Chinese medicine Shengmai injection. <i>Biomedical Chromatography</i> , 2015, 29, 275-284.	1.7	24
75	Novel algorithm for simultaneous component detection and pseudo-molecular ion characterization in liquid chromatography–mass spectrometry. <i>Analytica Chimica Acta</i> , 2015, 853, 402-414.	5.4	0
76	A Network Pharmacology Study of Chinese Medicine QiShenYiQi to Reveal Its Underlying Multi-Compound, Multi-Target, Multi-Pathway Mode of Action. <i>PLoS ONE</i> , 2014, 9, e95004.	2.5	104
77	Chemometric Analysis for Identification of Botanical Raw Materials for Pharmaceutical Use: A Case Study Using <i>Panax notoginseng</i> . <i>PLoS ONE</i> , 2014, 9, e87462.	2.5	39
78	Erratum to “A Network Pharmacology Approach to Evaluating the Efficacy of Chinese Medicine Using Genome-Wide Transcriptional Expression Data”: Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-1.	1.2	84
79	Deciphering the differentiations of traditional Chinese medicine analogous formulae by parallel liquid chromatography-mass spectrometry coupled with microplate-based assays. <i>Analytical Methods</i> , 2014, 6, 9283-9290.	2.7	4
80	Characterization of the chemical constituents in <i>Dangshen</i> by liquid chromatography coupled with quadrupole time-of-flight tandem mass spectrometry and liquid chromatography coupled with ion trap mass spectrometry. <i>Journal of Separation Science</i> , 2014, 37, 1748-1761.	2.5	21
81	A pathway and network review on beta-adrenoceptor signaling and beta blockers in cardiac remodeling. <i>Heart Failure Reviews</i> , 2014, 19, 799-814.	3.9	28
82	A pre-classification strategy for identification of compounds in traditional Chinese medicine analogous formulas by high-performance liquid chromatography–Mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 92, 82-89.	2.8	32
83	Integrated systems toxicology approaches identified the possible involvement of ABC transporters pathway in erythromycin estolate-induced liver injury in rat. <i>Food and Chemical Toxicology</i> , 2014, 65, 343-355.	3.6	16
84	Dissecting active ingredients of Chinese medicine by content-weighted ingredient–target network. <i>Molecular BioSystems</i> , 2014, 10, 1905-1911.	2.9	31
85	<i>Astragali Radix</i> protects myocardium from ischemia injury by modulating energy metabolism. <i>International Journal of Cardiology</i> , 2014, 176, 1312-1315.	1.7	14
86	Drug–Disease Association and Drug-Repositioning Predictions in Complex Diseases Using Causal Inference–Probabilistic Matrix Factorization. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 2562-2569.	5.4	95
87	A pharmacokinetic and pharmacodynamic study of drug–drug interaction between ginsenoside Rg1, ginsenoside Rb1 and schizandrin after intravenous administration to rats. <i>Journal of Ethnopharmacology</i> , 2014, 152, 333-339.	4.1	37
88	LMap: a web server for assessing the potential liver toxicity by genome-wide transcriptional expression data. <i>Journal of Applied Toxicology</i> , 2014, 34, 805-809.	2.8	16
89	Fragment ion diagnostic strategies for the comprehensive identification of chemical profile of <i>Gui-Zhi-Tang</i> by integrating high-resolution MS, multiple-stage MS and UV information. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 98, 22-35.	2.8	62
90	Identification of the effective constituents for anti-inflammatory activity of <i>Ju-Zhi-Jiang-Tang</i> , an ancient traditional Chinese medicine formula. <i>Journal of Chromatography A</i> , 2014, 1348, 105-124.	3.7	45

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91	Identifying roles of “Jun-Chen-Zuo-Shi”-component herbs of QiShenYiQi formula in treating acute myocardial ischemia by network pharmacology. <i>Chinese Medicine</i> , 2014, 9, 24.	4.0	51
92	A Three Step Network Based Approach (TSNBA) to Finding Disease Molecular Signature and Key Regulators: A Case Study of IL-1 and TNF-Alpha Stimulated Inflammation. <i>PLoS ONE</i> , 2014, 9, e94360.	2.5	3
93	Reliably assessing prediction reliability for high dimensional QSAR data. <i>Molecular Diversity</i> , 2013, 17, 63-73.	3.9	13
94	Toxicogenomic analysis of the particle dose- and size-response relationship of silica particles-induced toxicity in mice. <i>Nanotechnology</i> , 2013, 24, 015106.	2.6	27
95	Integrated analysis of transcriptomics and metabonomics profiles in aflatoxin B1-induced hepatotoxicity in rat. <i>Food and Chemical Toxicology</i> , 2013, 55, 444-455.	3.6	65
96	Relating Anatomical Therapeutic Indications by the Ensemble Similarity of Drug Sets. <i>Journal of Chemical Information and Modeling</i> , 2013, 53, 2154-2160.	5.4	37
97	T2D@ZJU: a knowledgebase integrating heterogeneous connections associated with type 2 diabetes mellitus. <i>Database: the Journal of Biological Databases and Curation</i> , 2013, 2013, bat052.	3.0	24
98	A Network Pharmacology Approach to Evaluating the Efficacy of Chinese Medicine Using Genome-Wide Transcriptional Expression Data. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-8.	1.2	42
99	Evaluation of the Potential Sensitization of Chlorogenic Acid: A Meta-Analysis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-9.	1.2	7
100	A Network Study of Chinese Medicine Xuesaitong Injection to Elucidate a Complex Mode of Action with Multicompound, Multitarget, and Multipathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-8.	1.2	36
101	CHD@ZJU: a knowledgebase providing network-based research platform on coronary heart disease. <i>Database: the Journal of Biological Databases and Curation</i> , 2013, 2013, bat047.	3.0	12
102	Enhanced QSAR Model Performance by Integrating Structural and Gene Expression Information. <i>Molecules</i> , 2013, 18, 10789-10801.	3.8	9
103	Determination of Minimum Training Sample Size for Microarray-Based Cancer Outcome Prediction—An Empirical Assessment. <i>PLoS ONE</i> , 2013, 8, e68579.	2.5	8
104	Strategies and Techniques for Multi-Component Drug Design from Medicinal Herbs and Traditional Chinese Medicine. <i>Current Topics in Medicinal Chemistry</i> , 2012, 12, 1356-1362.	2.1	131
105	The Liver Toxicity Biomarker Study Phase I: Markers for the Effects of Tolcapone or Entacapone. <i>Toxicologic Pathology</i> , 2012, 40, 951-964.	1.8	20
106	Proteomic Study on Usnic-Acid-Induced Hepatotoxicity in Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 7312-7317.	5.2	21
107	Shifting from Population-wide to Personalized Cancer Prognosis with Microarrays. <i>PLoS ONE</i> , 2012, 7, e29534.	2.5	6
108	Virtual separation of phytochemical constituents by their adduct-ion patterns in full mass spectra. <i>Journal of Chromatography A</i> , 2012, 1227, 181-193.	3.7	13

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109	Metabolite Profiling and Pharmacokinetics of Herbal Compounds Following Oral Administration of a Cardiovascular Multi-herb Medicine (Qishen Yiqi Pills) in Rats. <i>Current Drug Metabolism</i> , 2012, 13, 510-523.	1.2	43
110	Why QSAR Fails: An Empirical Evaluation Using Conventional Computational Approach. <i>Molecular Pharmaceutics</i> , 2011, 8, 600-608.	4.6	56
111	Integrated metabonomics analysis of the size-response relationship of silica nanoparticles-induced toxicity in mice. <i>Nanotechnology</i> , 2011, 22, 055101.	2.6	81
112	Cross-Platform Comparison of Microarray-Based Multiple-Class Prediction. <i>PLoS ONE</i> , 2011, 6, e16067.	2.5	14
113	Chemical fingerprinting and quantitative analysis of a <i>Panax notoginseng</i> preparation using HPLC-UV and HPLC-MS. <i>Chinese Medicine</i> , 2011, 6, 9.	4.0	33
114	Systematic characterisation of secondary metabolites from <i>Ilex sonchifolia</i> by the combined use of HPLC-TOFMS and HPLC-TMS. <i>Phytochemical Analysis</i> , 2011, 22, 66-73.	2.4	30
115	Development of fluorescence imaging-based assay for screening cardioprotective compounds from medicinal plants. <i>Analytica Chimica Acta</i> , 2011, 702, 87-94.	5.4	36
116	A Three-Stage-Integrative Approach for the Identification of Potential Hepatotoxic Compounds From Botanical Products. <i>International Journal of Toxicology</i> , 2011, 30, 287-299.	1.2	2
117	A Metabonomic Characterization of (+)-Usnic Acid-Induced Liver Injury by Gas Chromatography-Mass Spectrometry-Based Metabolic Profiling of the Plasma and Liver in Rat. <i>International Journal of Toxicology</i> , 2011, 30, 478-491.	1.2	29
118	Cardioprotective Effects of <i>Glycyrrhiza uralensis</i> Extract Against Doxorubicin- Induced Toxicity. <i>International Journal of Toxicology</i> , 2011, 30, 181-189.	1.2	24
119	Decision forest for classification of gene expression data. <i>Computers in Biology and Medicine</i> , 2010, 40, 698-704.	7.0	25
120	The MicroArray Quality Control (MAQC)-II study of common practices for the development and validation of microarray-based predictive models. <i>Nature Biotechnology</i> , 2010, 28, 827-838.	17.5	795
121	Statistical Evaluation of Clinical Usefulness of Microarrays for Cancer Prognosis Needs to be Placed in the Context of Clinical Reality-Response. <i>Clinical Cancer Research</i> , 2010, 16, 6181-6181.	7.0	0
122	DNA Microarrays Are Predictive of Cancer Prognosis: A Re-evaluation. <i>Clinical Cancer Research</i> , 2010, 16, 629-636.	7.0	52
123	Consensus Ranking Approach to Understanding the Underlying Mechanism With QSAR. <i>Journal of Chemical Information and Modeling</i> , 2010, 50, 1941-1948.	5.4	17
124	Untargeted metabolic profiling reveals potential biomarkers in myocardial infarction and its application. <i>Molecular BioSystems</i> , 2010, 6, 1061.	2.9	44
125	Does Applicability Domain Exist in Microarray-Based Genomic Research?. <i>PLoS ONE</i> , 2010, 5, e11055.	2.5	5
126	The Liver Toxicity Biomarker Study: Phase I Design and Preliminary Results. <i>Toxicologic Pathology</i> , 2009, 37, 52-64.	1.8	53



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127	Correlation analysis of external RNA controls reveals its utility for assessment of microarray assay. <i>Analytical Biochemistry</i> , 2009, 385, 203-207.	2.4	4
128	Self-self Hybridization As An Alternative Experiment Design to Dye Swap for Two-color Microarrays. <i>OMICS A Journal of Integrative Biology</i> , 2007, 11, 14-24.	2.0	8
129	Evaluation of external RNA controls for the assessment of microarray performance. <i>Nature Biotechnology</i> , 2006, 24, 1132-1139.	17.5	97
130	The MicroArray Quality Control (MAQC) project shows inter- and intraplatform reproducibility of gene expression measurements. <i>Nature Biotechnology</i> , 2006, 24, 1151-1161.	17.5	1,927
131	Multiple chromatographic fingerprinting and its application to the quality control of herbal medicines. <i>Analytica Chimica Acta</i> , 2006, 555, 217-224.	5.4	219
132	LC/MS fingerprinting of Shenmai injection: A novel approach to quality control of herbal medicines. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 40, 591-597.	2.8	59