

Xiaohui Fan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

131
papers

4,914
citations

29
h-index

67
g-index

146
ext. papers

6,100
ext. citations

6.8
avg, IF

5.41
L-index

#	Paper	IF	Citations
131	Single-Cell RNA Sequencing Reveals the Temporal Diversity and Dynamics of Cardiac Immunity after Myocardial Infarction.. <i>Small Methods</i> , 2022 , e2100752	12.8	2
130	Assessing reproducibility of inherited variants detected with short-read whole genome sequencing.. <i>Genome Biology</i> , 2022 , 23, 2	18.3	3
129	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	6.2	1
128	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	5.7	1
127	CellTalkDB: a manually curated database of ligand-receptor interactions in humans and mice. <i>Briefings in Bioinformatics</i> , 2021 , 22,	13.4	23
126	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 ,	4.6	2
125	Reporting guidelines for human microbiome research: the STORMS checklist. <i>Nature Medicine</i> , 2021 , 27, 1885-1892	50.5	19
124	Determination of inhibitory activity of extracts on xanthine oxidase with a paper-based analytical device. <i>Journal of Pharmaceutical Analysis</i> , 2021 , 11, 603-610	14	2
123	Cross-oncopanel study reveals high sensitivity and accuracy with overall analytical performance depending on genomic regions. <i>Genome Biology</i> , 2021 , 22, 109	18.3	6
122	Reduning injection and its effective constituent luteoloside protect against sepsis partly via inhibition of HMGB1/TLR4/NF- κ B/MAPKs signaling pathways. <i>Journal of Ethnopharmacology</i> , 2021 , 270, 113783	5	4
121	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	16.7	1
120	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	3.7	4
119	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	5.3	0
118	Implication of ferroptosis in aging. <i>Cell Death Discovery</i> , 2021 , 7, 149	6.9	10
117	Multiplexing Methods for Simultaneous Large-Scale Transcriptomic Profiling of Samples at Single-Cell Resolution. <i>Advanced Science</i> , 2021 , 8, e2101229	13.6	3
116	Neuroprotective effects of dropping pills in Parkinson's disease. <i>Journal of Pharmaceutical Analysis</i> , 2021 , 11, 220-231	14	7
115	Uncovering an Organ's Molecular Architecture at Single-Cell Resolution by Spatially Resolved Transcriptomics. <i>Trends in Biotechnology</i> , 2021 , 39, 43-58	15.1	53

114	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	14	9
113	Transcriptome sequencing profiling identifies miRNA-331-3p as an osteoblast-specific miRNA in infected bone nonunion. <i>Bone</i> , 2021 , 143, 115619	4.7	2
112	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	6.8	1
111	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	7.5	4
110	MetaGeneBank: a standardized database to study deep sequenced metagenomic data from human fecal specimen. <i>BMC Microbiology</i> , 2021 , 21, 263	4.5	0
109	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	20.1	5
108	Disease-Based Network Pharmacology Practice Process 2021 , 395-429		1
107	Shexiang Tongxin Dropping Pill Protects Against Chronic Heart Failure in Mice Inhibiting the ERK/MAPK and TGF- β Signaling Pathways.. <i>Frontiers in Pharmacology</i> , 2021 , 12, 796354	5.6	1
106	New avenues for systematically inferring cell-cell communication: through single-cell transcriptomics data. <i>Protein and Cell</i> , 2020 , 11, 866-880	7.2	29
105	scCATCH: Automatic Annotation on Cell Types of Clusters from Single-Cell RNA Sequencing Data. <i>IScience</i> , 2020 , 23, 100882	6.1	55
104	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	7.5	7
103	Prediction of Adverse Drug Reactions by Combining Biomedical Tripartite Network and Graph Representation Model. <i>Chemical Research in Toxicology</i> , 2020 , 33, 202-210	4	6
102	Protective effects of Ginkgo Biloba Dropping Pills against liver ischemia/reperfusion injury in mice. <i>Chinese Medicine</i> , 2020 , 15, 122	4.7	8
101	A Clinical Genomics-Guided Prioritizing Strategy Enables Selecting Proper Cancer Cell Lines for Biomedical Research. <i>IScience</i> , 2020 , 23, 101748	6.1	
100	Chemical constituents of Panax ginseng and Panax notoginseng explain why they differ in therapeutic efficacy. <i>Pharmacological Research</i> , 2020 , 161, 105263	10.2	31
99	Pharmacokinetics, tissue distribution and excretion of saponins after intravenous administration of ShenMai Injection in rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1128, 121777	3.2	5
98	Characterization of chemical constituents and identification of absorbed components and metabolites in rat plasma of Fu-Ke-Zai-Zao pills by ultra high performance liquid chromatography with quadrupole time-of-flight mass spectrometry. <i>Journal of Separation Science</i> , 2019 , 42, 1842-1852	3.4	5
97	Potential hepatic and renal toxicity induced by the biflavonoids from Ginkgo biloba. <i>Chinese Journal of Natural Medicines</i> , 2019 , 17, 672-681	2.8	12

96	Copy number variation is highly correlated with differential gene expression: a pan-cancer study. <i>BMC Medical Genetics</i> , 2019 , 20, 175	2.1	59
95	Safety Research in Traditional Chinese Medicine: Methods, Applications, and Outlook. <i>Engineering</i> , 2019 , 5, 76-82	9.7	10
94	Q-marker based strategy for CMC research of Chinese medicine: A case study of Panax Notoginseng saponins. <i>Phytomedicine</i> , 2018 , 44, 129-137	6.5	16
93	Circulating exosomal microRNAs reveal the mechanism of Fructus Meliae Toosendan-induced liver injury in mice. <i>Scientific Reports</i> , 2018 , 8, 2832	4.9	11
92	Computational Toxicology for Traditional Chinese Medicine 2018 , 93-120		
91	iTRAQ-Based Proteomic Analysis Reveals Recovery of Impaired Mitochondrial Function in Ischemic Myocardium by Shenmai Formula. <i>Journal of Proteome Research</i> , 2018 , 17, 794-803	5.6	12
90	Investigating chemical features of based on integrating HPLC fingerprinting and determination of multiconstituents by single reference standard. <i>Journal of Ginseng Research</i> , 2018 , 42, 334-342	5.8	27
89	Chemical analysis, pharmacological activity and process optimization of the proportion of bilobalide and ginkgolides in Ginkgo biloba extract. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 160, 46-54	3.5	14
88	Network pharmacology study reveals energy metabolism and apoptosis pathways-mediated cardioprotective effects of Shenqi Fuzheng. <i>Journal of Ethnopharmacology</i> , 2018 , 227, 155-165	5	16
87	Carboxylate Ionic Liquids Combining Low Cytotoxicity toward HepG2 Cell and High Separation Efficiency for Bioactive Molecules. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 1974-1981	8.3	16
86	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. <i>Journal of Molecular Graphics and Modelling</i> , 2017 , 75, 347-354	2.8	14
85	Comparison of the chemical constituents and immunomodulatory activity of ophiopogonis radix from two different producing areas. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 134, 60-70	3.5	17
84	Revealing topics and their evolution in biomedical literature using Bio-DTM: a case study of ginseng. <i>Chinese Medicine</i> , 2017 , 12, 27	4.7	11
83	A Bioactive Chemical Markers Based Strategy for Quality Assessment of Botanical Drugs: Xuesaitong Injection as a Case Study. <i>Scientific Reports</i> , 2017 , 7, 2410	4.9	19
82	Deciphering chemical interactions between Glycyrrhizae Radix and Coptidis Rhizoma by liquid chromatography with transformed multiple reaction monitoring mass spectrometry. <i>Journal of Separation Science</i> , 2017 , 40, 1254-1265	3.4	17
81	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	4.9	11
80	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	4.9	18
79	LC-ESI-TOF-MS-based metabolomic analysis of ginsenoside Rd-induced anaphylactoid reaction in mice. <i>RSC Advances</i> , 2016 , 6, 19545-19554	3.7	5

78	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	4.4	22
77	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, 255-65	3.5	15
76	Network-based Assessment on Chemical-induced Cholestatic Liver Injury. <i>Current Topics in Medicinal Chemistry</i> , 2016 , 16, 3668-3677	3	6
75	Qualitative analysis of chemical constituents in traditional Chinese medicine analogous formula cheng-Qi decoctions by liquid chromatography-mass spectrometry. <i>Biomedical Chromatography</i> , 2016 , 30, 301-11	1.7	6
74	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	3.4	12
73	A proteomic study of Shengmai injection's mechanism on preventing cardiac ischemia-reperfusion injury via energy metabolism modulation. <i>Molecular BioSystems</i> , 2015 , 11, 540-8		17
72	Efficacy-oriented compatibility for component-based Chinese medicine. <i>Acta Pharmacologica Sinica</i> , 2015 , 36, 654-8	8	41
71	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	18.5	24
70	Network Pharmacology for Traditional Chinese Medicine Research: Methodologies and Applications. <i>Chinese Herbal Medicines</i> , 2015 , 7, 18-26	1.4	17
69	Revealing the mechanism of Fructus meliae toosendan-induced liver injury in mice by integrating microRNA and mRNA-based toxicogenomics data. <i>RSC Advances</i> , 2015 , 5, 81774-81783	3.7	5
68	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	3.5	34
67	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, 275-84	1.7	18
66	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	6.6	
65	Chemical and Metabolic Profiling of Si-Ni Decoction Analogous Formulae by High performance Liquid Chromatography-Mass Spectrometry. <i>Scientific Reports</i> , 2015 , 5, 11638	4.9	17
64	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	3.7	3
63	Integrated expression profiles of mRNA and microRNA in the liver of Fructus Meliae Toosendan water extract injured mice. <i>Frontiers in Pharmacology</i> , 2015 , 6, 236	5.6	14
62	The effects of size and surface modification of amorphous silica particles on biodistribution and liver metabolism in mice. <i>Nanotechnology</i> , 2015 , 26, 175101	3.4	15
61	Transcriptomics: a sword to cut the Gordian knot of traditional Chinese medicine. <i>Biomarkers in Medicine</i> , 2015 , 9, 1201-13	2.3	14

60	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, 126-42	4.5	30
59	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, 82-9	3.5	21
58	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, 343-55	4.7	11
57	Dissecting active ingredients of Chinese medicine by content-weighted ingredient-target network. <i>Molecular BioSystems</i> , 2014 , 10, 1905-11		29
56	Astragali Radix protects myocardium from ischemia injury by modulating energy metabolism. <i>International Journal of Cardiology</i> , 2014 , 176, 1312-5	3.2	11
55	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, 2562-9	6.9	55
54	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, 333-9	5	26
53	LTMap: a web server for assessing the potential liver toxicity by genome-wide transcriptional expression data. <i>Journal of Applied Toxicology</i> , 2014 , 34, 805-9	4.1	14
52	Fragment ion diagnostic strategies for the comprehensive identification of chemical profile of Gui-Zhi-Tang by integrating high-resolution MS, multiple-stage MS and UV information. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 98, 22-35	3.5	51
51	Identification of the effective constituents for anti-inflammatory activity of Ju-Zhi-Jiang-Tang, an ancient traditional Chinese medicine formula. <i>Journal of Chromatography A</i> , 2014 , 1348, 105-24	4.5	33
50	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	4.7	39
49	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	3.7	77
48	Chemometric analysis for identification of botanical raw materials for pharmaceutical use: a case study using Panax notoginseng. <i>PLoS ONE</i> , 2014 , 9, e87462	3.7	32
47	Erratum to "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> , 2014 , 2014, 1-1	2.3	61
46	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	3.2	2
45	Characterization of the chemical constituents in Da-Huang-Gan-Cao-Tang 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, 1748-61	3.4	18
44	A pathway and network review on beta-adrenoceptor signaling and beta blockers in cardiac remodeling. <i>Heart Failure Reviews</i> , 2014 , 19, 799-814	5	22
43	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	3.7	2

42	Reliably assessing prediction reliability for high dimensional QSAR data. <i>Molecular Diversity</i> , 2013 , 17, 63-73	3.1	10
41	Toxicogenomic analysis of the particle dose- and size-response relationship of silica particles-induced toxicity in mice. <i>Nanotechnology</i> , 2013 , 24, 015106	3.4	19
40	Integrated analysis of transcriptomics and metabonomics profiles in aflatoxin B1-induced hepatotoxicity in rat. <i>Food and Chemical Toxicology</i> , 2013 , 55, 444-55	4.7	47
39	Relating anatomical therapeutic indications by the ensemble similarity of drug sets. <i>Journal of Chemical Information and Modeling</i> , 2013 , 53, 2154-60	6.1	27
38	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	5	21
37	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, 915343	2.3	26
36	Evaluation of the potential sensitization of chlorogenic Acid: a meta-analysis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 208467	2.3	6
35	A network study of chinese medicine xuesaitong injection to elucidate a complex mode of action with multicomponent, multitarget, and multipathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 652373	2.3	24
34	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	5	12
33	Enhanced QSAR model performance by integrating structural and gene expression information. <i>Molecules</i> , 2013 , 18, 10789-801	4.8	7
32	Determination of minimum training sample size for microarray-based cancer outcome prediction-an empirical assessment. <i>PLoS ONE</i> , 2013 , 8, e68579	3.7	7
31	Proteomic study on usnic-acid-induced hepatotoxicity in rats. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 7312-7	5.7	19
30	Shifting from population-wide to personalized cancer prognosis with microarrays. <i>PLoS ONE</i> , 2012 , 7, e29534	3.7	5
29	Virtual separation of phytochemical constituents by their adduct-ion patterns in full mass spectra. <i>Journal of Chromatography A</i> , 2012 , 1227, 181-93	4.5	12
28	Strategies and techniques for multi-component drug design from medicinal herbs and traditional Chinese medicine. <i>Current Topics in Medicinal Chemistry</i> , 2012 , 12, 1356-62	3	90
27	The liver toxicity biomarker study phase I: markers for the effects of tolcapone or entacapone. <i>Toxicologic Pathology</i> , 2012 , 40, 951-64	2.1	16
26	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, 510-23	3.5	34
25	Integrated metabonomics analysis of the size-response relationship of silica nanoparticles-induced toxicity in mice. <i>Nanotechnology</i> , 2011 , 22, 055101	3.4	68

24	Cross-platform comparison of microarray-based multiple-class prediction. <i>PLoS ONE</i> , 2011 , 6, e16067	3.7	14
23	Chemical fingerprinting and quantitative analysis of a Panax notoginseng preparation using HPLC-UV and HPLC-MS. <i>Chinese Medicine</i> , 2011 , 6, 9	4.7	29
22	Systematic characterisation of secondary metabolites from <i>Ixeris sonchifolia</i> by the combined use of HPLC-TOFMS and HPLC-ITMS. <i>Phytochemical Analysis</i> , 2011 , 22, 66-73	3.4	27
21	Why QSAR fails: an empirical evaluation using conventional computational approach. <i>Molecular Pharmaceutics</i> , 2011 , 8, 600-8	5.6	42
20	Development of fluorescence imaging-based assay for screening cardioprotective compounds from medicinal plants. <i>Analytica Chimica Acta</i> , 2011 , 702, 87-94	6.6	30
19	A three-stage-integrative approach for the identification of potential hepatotoxic compounds from botanical products. <i>International Journal of Toxicology</i> , 2011 , 30, 287-99	2.4	2
18	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, 478-91	2.4	25
17	Cardioprotective effects of <i>Glycyrrhiza uralensis</i> extract against doxorubicin-induced toxicity. <i>International Journal of Toxicology</i> , 2011 , 30, 181-9	2.4	18
16	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, 827-38	44.5	644
15	Statistical Evaluation of Clinical Usefulness of Microarrays for Cancer Prognosis Needs to be Placed in the Context of Clinical RealityResponse. <i>Clinical Cancer Research</i> , 2010 , 16, 6181-6181	12.9	
14	DNA microarrays are predictive of cancer prognosis: a re-evaluation. <i>Clinical Cancer Research</i> , 2010 , 16, 629-36	12.9	47
13	Consensus ranking approach to understanding the underlying mechanism with QSAR. <i>Journal of Chemical Information and Modeling</i> , 2010 , 50, 1941-8	6.1	17
12	Untargeted metabolic profiling reveals potential biomarkers in myocardial infarction and its application. <i>Molecular BioSystems</i> , 2010 , 6, 1061-70		38
11	Decision forest for classification of gene expression data. <i>Computers in Biology and Medicine</i> , 2010 , 40, 698-704	7	19
10	Does applicability domain exist in microarray-based genomic research?. <i>PLoS ONE</i> , 2010 , 5, e11055	3.7	4
9	The liver toxicity biomarker study: phase I design and preliminary results. <i>Toxicologic Pathology</i> , 2009 , 37, 52-64	2.1	47
8	Correlation analysis of external RNA controls reveals its utility for assessment of microarray assay. <i>Analytical Biochemistry</i> , 2009 , 385, 203-7	3.1	4
7	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	3.8	8

6	Evaluation of external RNA controls for the assessment of microarray performance. <i>Nature Biotechnology</i> , 2006 , 24, 1132-9	44.5	86
5	The MicroArray Quality Control (MAQC) project shows inter- and intraplatform reproducibility of gene expression measurements. <i>Nature Biotechnology</i> , 2006 , 24, 1151-61	44.5	1691
4	Multiple chromatographic fingerprinting and its application to the quality control of herbal medicines. <i>Analytica Chimica Acta</i> , 2006 , 555, 217-224	6.6	178
3	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, 591-7	3.5	48
2	Reference-free Cell-type Annotation for Single-cell Transcriptomics using Deep Learning with a Weighted Graph Neural Network		2
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> ,	7.4	2