

# Baofeng Zhao

## List of Publications by Citations

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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.

30  
papers

279  
citations

10  
h-index

15  
g-index

39  
ext. papers

400  
ext. citations

6.9  
avg, IF

3.21  
L-index

#	Paper	IF	Citations
30	Nogo-B receptor promotes the chemoresistance of human hepatocellular carcinoma via the ubiquitination of p53 protein. <i>Oncotarget</i> , <b>2016</b> , 7, 8850-65	3.3	32
29	Nogo-B receptor promotes epithelial-mesenchymal transition in non-small cell lung cancer cells through the Ras/ERK/Snail1 pathway. <i>Cancer Letters</i> , <b>2018</b> , 418, 135-146	9.9	30
28	Comprehensive proteome quantification reveals NgBR as a new regulator for epithelial-mesenchymal transition of breast tumor cells. <i>Journal of Proteomics</i> , <b>2015</b> , 112, 38-52	3.9	27
27	Enzymatic Reactor with Trypsin Immobilized on Graphene Oxide Modified Polymer Microspheres To Achieve Automated Proteome Quantification. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 6324-6329	7.8	23
26	Recent Advances in Multidimensional Separation for Proteome Analysis. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 264-276	7.8	23
25	In-Depth Proteome Coverage by Improving Efficiency for Membrane Proteome Analysis. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 5179-5185	7.8	17
24	Antibody-Free Hydrogel with the Synergistic Effect of Cell Imprinting and Boronate Affinity: Toward the Selective Capture and Release of Undamaged Circulating Tumor Cells. <i>Small</i> , <b>2020</b> , 16, e19041199	11.99	17
23	Bis(zinc(II)-dipicolylamine)-functionalized sub-2 $\mu$ m core-shell microspheres for the analysis of N-phosphoproteome. <i>Nature Communications</i> , <b>2020</b> , 11, 6226	17.4	15
22	Surface sieving coordinated IMAC material for purification of His-tagged proteins. <i>Analytica Chimica Acta</i> , <b>2018</b> , 997, 9-15	6.6	11
21	Molecular Dynamics Simulation-assisted Ionic Liquid Screening for Deep Coverage Proteome Analysis. <i>Molecular and Cellular Proteomics</i> , <b>2020</b> , 19, 1724-1737	7.6	11
20	A Multiplex Fragment-Ion-Based Method for Accurate Proteome Quantification. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 3921-3928	7.8	7
19	Integrated platform with combination of on-line protein digestion, isotope dimethyl labeling and multidimensional peptide separation for high-throughput proteome quantification. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1000, 172-179	6.6	6
18	Site-Specific Quantification of Persulfidome by Combining an Isotope-Coded Affinity Tag with Strong Cation-Exchange-Based Fractionation. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 14860-14864	7.8	6
17	Comprehensive Analysis of Protein N-Terminome by Guanidination of Terminal Amines. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 567-572	7.8	6
16	Aptamer functionalized magnetic graphene oxide nanocomposites for highly selective capture of histones. <i>Electrophoresis</i> , <b>2019</b> , 40, 2135-2141	3.6	5
15	Isolation and identification of phosphorylated lysine peptides by retention time difference combining dimethyl labeling strategy. <i>Science China Chemistry</i> , <b>2019</b> , 62, 708-712	7.9	5
14	Fast MS/MS acquisition without dynamic exclusion enables precise and accurate quantification of proteome by MS/MS fragment intensity. <i>Scientific Reports</i> , <b>2016</b> , 6, 26392	4.9	5

13	Quantitative proteomics analysis of deer antlerogenic periosteal cells reveals potential bioactive factors in velvet antlers. <i>Journal of Chromatography A</i> , <b>2020</b> , 1609, 460496	4.5	5
12	Proteomic Analysis Reveals that EPHX1 Contributes to 5-Fluorouracil Resistance in a Human Hepatocellular Carcinoma Cell Line. <i>Proteomics - Clinical Applications</i> , <b>2020</b> , 14, e1900080	3.1	4
11	Multi-omics analysis to reveal disorders of cell metabolism and integrin signaling pathways induced by PM. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 424, 127573	12.8	3
10	Fully automated sample treatment method for high throughput proteome analysis. <i>Science China Chemistry</i> , <b>2021</b> , 64, 313-321	7.9	3
9	Quantitative proteomics identifies FOLR1 to drive sorafenib resistance via activating autophagy in hepatocellular carcinoma cells. <i>Carcinogenesis</i> , <b>2021</b> , 42, 753-761	4.6	3
8	The Nogo-B receptor promotes human hepatocellular carcinoma cell growth via the Akt signal pathway. <i>Journal of Cellular Biochemistry</i> , <b>2018</b> , 119, 7738-7746	4.7	3
7	Nogo-B receptor is required for stabilizing TGF- $\beta$ type I receptor and promotes the TGF- $\beta$ -induced epithelial-to-mesenchymal transition of non-small cell lung cancer. <i>Journal of Cancer</i> , <b>2021</b> , 12, 717-725	4.5	3
6	Thermodynamical Origin of Nonmonotonic Inserting Behavior of Imidazole Ionic Liquids into the Lipid Bilayer. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 9926-9932	6.4	2
5	Smart Cutter: An Efficient Strategy for Increasing the Coverage of Chemical Cross-Linking Analysis. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 1097-1105	7.8	2
4	Spatially resolved profiling of protein conformation and interactions by biocompatible chemical cross-linking in living cells		1
3	Integrated proteomic sample preparation with combination of on-line high-abundance protein depletion, denaturation, reduction, desalting and digestion to achieve high throughput plasma proteome quantification. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1154, 338343	6.6	1
2	Zn(II)-DPA functionalized graphene oxide two-dimensional nanocomposites for N-phosphoproteins enrichment.. <i>Talanta</i> , <b>2022</b> , 243, 123384	6.2	1
1	Quantitative proteomics of epigenetic histone modifications in MCF-7 cells under estradiol stimulation. <i>Analytical Methods</i> , <b>2021</b> , 13, 469-476	3.2	