

# Baofeng Zhao

## List of Publications by Year in descending order

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37  
papers

509  
citations

758635

12  
h-index

752256

20  
g-index

39  
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39  
docs citations

39  
times ranked

615  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Multidimensional Separation for Proteome Analysis. <i>Analytical Chemistry</i> , 2019, 91, 264-276.	3.2	37
2	Bis(zinc(II)-dipicolylamine)-functionalized sub-2 $\mu$ m core-shell microspheres for the analysis of N-phosphoproteome. <i>Nature Communications</i> , 2020, 11, 6226.	5.8	34
3	Nogo-B receptor promotes epithelial-mesenchymal transition in non-small cell lung cancer cells through the Ras/ERK/Snail1 pathway. <i>Cancer Letters</i> , 2018, 418, 135-146.	3.2	33
4	Comprehensive proteome quantification reveals NgBR as a new regulator for epithelial-mesenchymal transition of breast tumor cells. <i>Journal of Proteomics</i> , 2015, 112, 38-52.	1.2	32
5	Nogo-B receptor promotes the chemoresistance of human hepatocellular carcinoma via the ubiquitination of p53 protein. <i>Oncotarget</i> , 2016, 7, 8850-8865.	0.8	32
6	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> , 2020, 16, e1904199.	5.2	29
7	In-Depth Proteome Coverage by Improving Efficiency for Membrane Proteome Analysis. <i>Analytical Chemistry</i> , 2017, 89, 5179-5185.	3.2	26
8	Enzymatic Reactor with Trypsin Immobilized on Graphene Oxide Modified Polymer Microspheres To Achieve Automated Proteome Quantification. <i>Analytical Chemistry</i> , 2017, 89, 6324-6329.	3.2	26
9	Multi-omics analysis to reveal disorders of cell metabolism and integrin signaling pathways induced by PM2.5. <i>Journal of Hazardous Materials</i> , 2022, 424, 127573.	6.5	25
10	Molecular Dynamics Simulation-assisted Ionic Liquid Screening for Deep Coverage Proteome Analysis. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 1724-1737.	2.5	24
11	In-Depth <i>In Vivo</i> Crosslinking in Minutes by a Compact, Membrane-Permeable, and Alkynyl-Enrichable Crosslinker. <i>Analytical Chemistry</i> , 2022, 94, 7551-7558.	3.2	21
12	Quantitative proteomics analysis of deer antlerogenic periosteal cells reveals potential bioactive factors in velvet antlers. <i>Journal of Chromatography A</i> , 2020, 1609, 460496.	1.8	14
13	Surface sieving coordinated IMAC material for purification of His-tagged proteins. <i>Analytica Chimica Acta</i> , 2018, 997, 9-15.	2.6	13
14	A Multiplex Fragment-Ion-Based Method for Accurate Proteome Quantification. <i>Analytical Chemistry</i> , 2019, 91, 3921-3928.	3.2	13
15	Site-Specific Quantification of Persulfidome by Combining an Isotope-Coded Affinity Tag with Strong Cation-Exchange-Based Fractionation. <i>Analytical Chemistry</i> , 2019, 91, 14860-14864.	3.2	11
16	Comprehensive Analysis of Protein N-Terminome by Guanidination of Terminal Amines. <i>Analytical Chemistry</i> , 2020, 92, 567-572.	3.2	11
17	Fast MS/MS acquisition without dynamic exclusion enables precise and accurate quantification of proteome by MS/MS fragment intensity. <i>Scientific Reports</i> , 2016, 6, 26392.	1.6	9
18	Thermodynamical Origin of Nonmonotonic Inserting Behavior of Imidazole Ionic Liquids into the Lipid Bilayer. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 9926-9932.	2.1	9

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19	Targeted killing of tumor cells based on isoelectric point suitable nanoceria-rod with high oxygen vacancies. <i>Journal of Materials Chemistry B</i> , 2022, 10, 1410-1417.	2.9	9
20	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> , 2018, 1000, 172-179.	2.6	8
21	Proteomic Analysis Reveals that EPHX1 Contributes to 5-Fluorouracil Resistance in a Human Hepatocellular Carcinoma Cell Line. <i>Proteomics - Clinical Applications</i> , 2020, 14, e1900080.	0.8	8
22	Quantitative proteomics identifies FOLR1 to drive sorafenib resistance via activating autophagy in hepatocellular carcinoma cells. <i>Carcinogenesis</i> , 2021, 42, 753-761.	1.3	7
23	Ethane-Bridged Hybrid Monolithic Column with Large Mesopores for Boosting Top-Down Proteomic Analysis. <i>Analytical Chemistry</i> , 2022, 94, 6172-6179.	3.2	7
24	Aptamer functionalized magnetic graphene oxide nanocomposites for highly selective capture of histones. <i>Electrophoresis</i> , 2019, 40, 2135-2141.	1.3	6
25	Isolation and identification of phosphorylated lysine peptides by retention time difference combining dimethyl labeling strategy. <i>Science China Chemistry</i> , 2019, 62, 708-712.	4.2	6
26	Smart Cutter: An Efficient Strategy for Increasing the Coverage of Chemical Cross-Linking Analysis. <i>Analytical Chemistry</i> , 2020, 92, 1097-1105.	3.2	6
27	Fully automated sample treatment method for high throughput proteome analysis. <i>Science China Chemistry</i> , 2021, 64, 313-321.	4.2	6
28	The Nogo-B receptor promotes human hepatocellular carcinoma cell growth via the Akt signal pathway. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 7738-7746.	1.2	5
29	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> , 2021, 1154, 338343.	2.6	5
30	Ionic Liquid-Based Extraction System for In-Depth Analysis of Membrane Protein Complexes. <i>Analytical Chemistry</i> , 2022, 94, 758-767.	3.2	5
31	A1 Ions: Peptide-Specific and Intensity-Enhanced Fragment Ions for Accurate and Multiplexed Proteome Quantitation. <i>Analytical Chemistry</i> , 2022, 94, 7637-7646.	3.2	5
32	The cytotoxicity of PM2.5 and its effect on the secretome of normal human bronchial epithelial cells. <i>Environmental Science and Pollution Research</i> , 2022, 29, 75966-75977.	2.7	5
33	All-Ion Monitoring-Directed Low-Abundance Protein Quantification Reveals CALB2 as a Key Promoter in Hepatocellular Carcinoma Metastasis. <i>Analytical Chemistry</i> , 2022, , .	3.2	4
34	Surface-Charged Hybrid Monolithic Column for MS-Compatible Peptide Separation with High Peak Capacity and Its Application in Proteomic Analysis. <i>Analytical Chemistry</i> , 2022, 94, 9525-9529.	3.2	4
35	Nogo-B receptor is required for stabilizing TGF- $\beta$ 2 type I receptor and promotes the TGF- $\beta$ 1-induced epithelial-to-mesenchymal transition of non-small cell lung cancer. <i>Journal of Cancer</i> , 2021, 12, 717-725.	1.2	3
36	Zn(II)-DPA functionalized graphene oxide two-dimensional nanocomposites for N-phosphoproteins enrichment. <i>Talanta</i> , 2022, 243, 123384.	2.9	2

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37	Quantitative proteomics of epigenetic histone modifications in MCF-7 cells under estradiol stimulation. <i>Analytical Methods</i> , 2021, 13, 469-476.	1.3	0