

Jianhui Zhu

List of Publications by Year in descending order

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56
papers

2,451
citations

186265
28
h-index

206112
48
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56
all docs

56
docs citations

56
times ranked

3584
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative DNA Cleavage Promoted by Multinuclear Copper Complexes: Activity Dependence on the Complex Structure. <i>Chemistry - A European Journal</i> , 2006, 12, 6621-6629.	3.3	171
2	A Trinuclear Copper(II) Complex of 2,4,6-Tris(di-2-pyridylamine)-1,3,5-triazine Shows Prominent DNA Cleavage Activity. <i>Inorganic Chemistry</i> , 2007, 46, 3306-3312.	4.0	147
3	Comparison of an Optimized Ultracentrifugation Method versus Size-Exclusion Chromatography for Isolation of Exosomes from Human Serum. <i>Journal of Proteome Research</i> , 2018, 17, 3599-3605.	3.7	136
4	CD90 is Identified as a Candidate Marker for Cancer Stem Cells in Primary High-Grade Gliomas Using Tissue Microarrays. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.010744.	3.8	122
5	Aberrant glycosylation and cancer biomarker discovery: a promising and thorny journey. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, 407-416.	2.3	111
6	Glycoprotein Biomarker Panel for Pancreatic Cancer Discovered by Quantitative Proteomics Analysis. <i>Journal of Proteome Research</i> , 2014, 13, 1873-1884.	3.7	107
7	Analysis of Serum Haptoglobin Fucosylation in Hepatocellular Carcinoma and Liver Cirrhosis of Different Etiologies. <i>Journal of Proteome Research</i> , 2014, 13, 2986-2997.	3.7	103
8	Molecular combo of photodynamic therapeutic agent silicon(iv) phthalocyanine and anticancer drug cisplatin. <i>Chemical Communications</i> , 2009, , 908.	4.1	89
9	Quantitative Proteomic Analysis of Serum Exosomes from Patients with Locally Advanced Pancreatic Cancer Undergoing Chemoradiotherapy. <i>Journal of Proteome Research</i> , 2017, 16, 1763-1772.	3.7	87
10	Identification of Glycoprotein Markers for Pancreatic Cancer CD24 ⁺ CD44 ⁺ Stem-like Cells Using Nano-LC-MS/MS and Tissue Microarray. <i>Journal of Proteome Research</i> , 2012, 11, 2272-2281.	3.7	73
11	DNA binding property, nuclease activity and cytotoxicity of Zn(II) complexes of terpyridine derivatives. <i>BioMetals</i> , 2009, 22, 297-305.	4.1	69
12	Platinum(ii) compounds bearing bone-targeting group: synthesis, crystal structure and antitumor activity. <i>Chemical Communications</i> , 2010, 46, 1212.	4.1	68
13	Large-Scale Identification of Core-Fucosylated Glycopeptide Sites in Pancreatic Cancer Serum Using Mass Spectrometry. <i>Journal of Proteome Research</i> , 2015, 14, 1968-1978.	3.7	66
14	LC-MS/MS isomeric profiling of permethylated N-glycans derived from serum haptoglobin of hepatocellular carcinoma (HCC) and cirrhotic patients. <i>Electrophoresis</i> , 2017, 38, 2160-2167.	2.4	65
15	Glycoproteomic markers of hepatocellular carcinoma—mass spectrometry based approaches. <i>Mass Spectrometry Reviews</i> , 2019, 38, 265-290.	5.4	64
16	A novel fluorescent probe for the detection of nitric oxide in vitro and in vivo. <i>Free Radical Biology and Medicine</i> , 2008, 45, 1426-1436.	2.9	60
17	Overexpression of CD90 (Thy-1) in Pancreatic Adenocarcinoma Present in the Tumor Microenvironment. <i>PLoS ONE</i> , 2014, 9, e115507.	2.5	53
18	A positively charged trinuclear 3N-chelated monofunctional platinum complex with high DNA affinity and potent cytotoxicity. <i>Dalton Transactions</i> , 2006, , 2617.	3.3	50

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19	Differential Quantitative Determination of Site-Specific Intact N-Glycopeptides in Serum Haptoglobin between Hepatocellular Carcinoma and Cirrhosis Using LC-ETHcD-MS/MS. <i>Journal of Proteome Research</i> , 2018, 18, 359-371.	3.7	50
20	Mass-Selected Site-Specific Core-Fucosylation of Ceruloplasmin in Alcohol-Related Hepatocellular Carcinoma. <i>Journal of Proteome Research</i> , 2014, 13, 2887-2896.	3.7	48
21	DNA Cross-Linking Patterns Induced by an Antitumor-Active Trinuclear Platinum Complex and Comparison with Its Dinuclear Analogue. <i>Chemistry - A European Journal</i> , 2009, 15, 5245-5253.	3.3	43
22	Analysis of Glycan Variation on Glycoproteins from Serum by the Reverse Lectin-Based ELISA Assay. <i>Journal of Proteome Research</i> , 2014, 13, 2197-2204.	3.7	41
23	Tenascin-C: A Novel Candidate Marker for Cancer Stem Cells in Glioblastoma Identified by Tissue Microarrays. <i>Journal of Proteome Research</i> , 2015, 14, 814-822.	3.7	39
24	Target Proteomic Profiling of Frozen Pancreatic CD24+ Adenocarcinoma Tissues by Immuno-Laser Capture Microdissection and Nano-LC-MS/MS. <i>Journal of Proteome Research</i> , 2013, 12, 2791-2804.	3.7	38
25	ESI-LC-MS Method for Haptoglobin Fucosylation Analysis in Hepatocellular Carcinoma and Liver Cirrhosis. <i>Journal of Proteome Research</i> , 2015, 14, 5388-5395.	3.7	38
26	Mass-Selected Site-Specific Core-Fucosylation of Serum Proteins in Hepatocellular Carcinoma. <i>Journal of Proteome Research</i> , 2015, 14, 4876-4884.	3.7	37
27	Glycopeptide Biomarkers in Serum Haptoglobin for Hepatocellular Carcinoma Detection in Patients with Nonalcoholic Steatohepatitis. <i>Journal of Proteome Research</i> , 2020, 19, 3452-3466.	3.7	37
28	Mass Spectrometric N-Glycan Analysis of Haptoglobin from Patient Serum Samples Using a 96-Well Plate Format. <i>Journal of Proteome Research</i> , 2015, 14, 4932-4939.	3.7	30
29	Isobaric Protein-Level Labeling Strategy for Serum Glycoprotein Quantification Analysis by Liquid Chromatography-Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2013, 85, 5353-5357.	6.5	27
30	Validation of LRG1 as a Potential Biomarker for Detection of Epithelial Ovarian Cancer by a Blinded Study. <i>PLoS ONE</i> , 2015, 10, e0121112.	2.5	27
31	A Panel of Glycopeptides as Candidate Biomarkers for Early Diagnosis of NASH Hepatocellular Carcinoma Using a Stepped HCD Method and PRM Evaluation. <i>Journal of Proteome Research</i> , 2021, 20, 3278-3289.	3.7	23
32	B lymphocytes as effector cells in the immunotherapy of cancer. <i>Journal of Surgical Oncology</i> , 2012, 105, 431-435.	1.7	22
33	Quantitative Analysis of Î±-1-Antitrypsin Glycosylation Isoforms in HCC Patients Using LC-HCD-PRM-MS. <i>Analytical Chemistry</i> , 2020, 92, 8201-8208.	6.5	21
34	Column-based Technology for CD9-HPLC Immunoaffinity Isolation of Serum Extracellular Vesicles. <i>Journal of Proteome Research</i> , 2021, 20, 4901-4911.	3.7	20
35	Annexin A10 is a candidate marker associated with the progression of pancreatic precursor lesions to adenocarcinoma. <i>PLoS ONE</i> , 2017, 12, e0175039.	2.5	20
36	Cellular and biomolecular responses of human ovarian cancer cells to cytostatic dinuclear platinum(II) complexes. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2011, 16, 288-300.	4.9	18

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37	A novel method of high-purity extracellular vesicle enrichment from microliter-scale human serum for proteomic analysis. <i>Electrophoresis</i> , 2021, 42, 245-256.	2.4	18
38	The role of bridging ligands in determining DNA-binding ability and cross-linking patterns of dinuclear platinum(II) antitumor complexes. <i>Dalton Transactions</i> , 2009, , 10889.	3.3	17
39	Development of an Integrated Pipeline for Profiling Microbial Proteins from Mouse Fecal Samples by LC-MS/MS. <i>Journal of Proteome Research</i> , 2016, 15, 3635-3642.	3.7	17
40	Evaluation of AGP Fucosylation as a Marker for Hepatocellular Carcinoma of Three Different Etiologies. <i>Scientific Reports</i> , 2019, 9, 11580.	3.3	17
41	PRM-MS Quantitative Analysis of Isomeric N-Glycopeptides Derived from Human Serum Haptoglobin of Patients with Cirrhosis and Hepatocellular Carcinoma. <i>Metabolites</i> , 2021, 11, 563.	2.9	16
42	CD90 and CD24 Co-Expression Is Associated with Pancreatic Intraepithelial Neoplasias. <i>PLoS ONE</i> , 2016, 11, e0158021.	2.5	14
43	Serum N-glycans outperform CA19-9 in diagnosis of extrahepatic cholangiocarcinoma. <i>Electrophoresis</i> , 2017, 38, 2749-2756.	2.4	13
44	Circulating Microvesicles from Pancreatic Cancer Accelerate the Migration and Proliferation of PANC-1 Cells. <i>Journal of Proteome Research</i> , 2018, 17, 1690-1699.	3.7	13
45	Methods for quantification of glycopeptides by liquid separation and mass spectrometry. <i>Mass Spectrometry Reviews</i> , 2023, 42, 887-917.	5.4	13
46	Immunohistochemical staining, laser capture microdissection, and filter-aided sample preparation-assisted proteomic analysis of target cell populations within tissue samples. <i>Electrophoresis</i> , 2013, 34, 1627-1636.	2.4	12
47	Comprehensive Detection of Single Amino Acid Variants and Evaluation of Their Deleterious Potential in a PANC-1 Cell Line. <i>Journal of Proteome Research</i> , 2020, 19, 1635-1646.	3.7	11
48	Heterogeneity of The CD90+ Population in Different Stages of Hepatocarcinogenesis. <i>Journal of Proteomics and Bioinformatics</i> , 2014, 07, 296-302.	0.4	10
49	A procedure for the analysis of site-specific and structure-specific fucosylation in alpha-1-antitrypsin. <i>Electrophoresis</i> , 2016, 37, 2624-2632.	2.4	10
50	Glycopeptides with Sialyl Lewis Antigen in Serum Haptoglobin as Candidate Biomarkers for Nonalcoholic Steatohepatitis Hepatocellular Carcinoma Using a Higher-Energy Collision-Induced Dissociation Parallel Reaction Monitoring-Mass Spectrometry Method. <i>ACS Omega</i> , 2022, 7, 22850-22860.	3.5	10
51	Synthesis, Crystal Structure, and DNA-Cleaving Behavior of 5-Substituted Benzene-1,3-bis(methylene)-spaced Dinuclear Copper(II) Complexes. <i>Chemistry and Biodiversity</i> , 2008, 5, 1495-1504.	2.1	9
52	GlycoHybridSeq: Automated Identification of N-Linked Glycopeptides Using Electron Transfer/High-Energy Collision Dissociation (ETHcD). <i>Journal of Proteome Research</i> , 2021, 20, 3345-3352.	3.7	9
53	Input of serum haptoglobin fucosylation profile in the diagnosis of hepatocellular carcinoma in patients with non-cirrhotic liver disease. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2020, 44, 681-691.	1.5	8
54	A Method for Isolation and Proteomic Analysis of Outer Membrane Vesicles from Fecal Samples by LC-MS/MS. <i>Journal of Proteomics and Bioinformatics</i> , 2019, 12, 38-42.	0.4	7

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55	Protein Markers Associated with an ALDH Sub-Population in Colorectal Cancer. Journal of Proteomics and Bioinformatics, 2016, 9, 238-247.	0.4	4
56	Intestinal extracellular vesicles are altered by vertical sleeve gastrectomy. American Journal of Physiology - Renal Physiology, 2021, 320, G153-G165.	3.4	3