

Youhe Gao

List of Publications by Year in descending order

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127
papers

2,983
citations

218677

26
h-index

206112

48
g-index

175
all docs

175
docs citations

175
times ranked

3124
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic urine proteome changes in a rat model of simvastatin-induced skeletal muscle injury. <i>Journal of Proteomics</i> , 2022, 254, 104477.	2.4	4
2	Proteome Analysis of Urinary Biomarkers in a Bovine IRBP-Induced Uveitis Rat Model via Data-Independent Acquisition and Parallel Reaction Monitoring Proteomics. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 831632.	3.5	1
3	The future of early detection of cancer is in urine. <i>Urine</i> , 2022, 4, 6-6.	4.0	0
4	Many kinds of oxidized proteins are present more in the urine of the elderly. <i>Clinical Proteomics</i> , 2022, 19, .	2.1	2
5	Proteome analysis of urinary biomarkers in a cigarette smoke-induced COPD rat model. <i>Respiratory Research</i> , 2022, 23, .	3.6	5
6	Urinary proteome profiling for children with autism using data-independent acquisition proteomics. <i>Translational Pediatrics</i> , 2021, 10, 1765-1778.	1.2	9
7	On Research and Translation of Urinary Biomarkers. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1306, 101-108.	1.6	3
8	Dynamic Changes of Urine Proteome in Rat Models Inoculated with Two Different Hepatoma Cell Lines. <i>Journal of Oncology</i> , 2021, 2021, 1-20.	1.3	3
9	Proteomic analysis of urine reveals biomarkers for the diagnosis and phenotyping of abdominal-type Henoch-Schonlein purpura. <i>Translational Pediatrics</i> , 2021, 10, 510-524.	1.2	5
10	Urine proteome changes in a chronic unpredictable mild stress (CUMS) mouse model of major depressive disorder. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 199, 114064.	2.8	4
11	Early disease biomarkers can be found using animal models urine proteomics. <i>Expert Review of Proteomics</i> , 2021, 18, 363-378.	3.0	11
12	Label-Free Liquid Chromatography-Mass Spectrometry Proteomic Analysis of the Urinary Proteome for Measuring the Escitalopram Treatment Response From Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2021, 12, 700149.	2.6	7
13	Changes in the urinary proteome in rats with regular swimming exercise. <i>PeerJ</i> , 2021, 9, e12406.	2.0	4
14	Dynamic Urinary Proteome Changes in Ovalbumin-Induced Asthma Mouse Model Using Data-Independent Acquisition Proteomics. <i>Journal of Asthma and Allergy</i> , 2021, Volume 14, 1355-1366.	3.4	2
15	Comparison of urine proteome among rat models by intraperitoneal injection with single bacteria and co-injection with two bacteria. <i>PLoS ONE</i> , 2021, 16, e0261488.	2.5	3
16	Preliminary study of the urinary proteome in Li and Han ethnic individuals from Hainan. <i>Science China Life Sciences</i> , 2020, 63, 125-137.	4.9	4
17	Early urine proteome changes in an implanted bone cancer rat model. <i>Bone Reports</i> , 2020, 12, 100238.	0.4	9
18	Early urinary protein changes during tumor formation in a NuTu-19 tail vein injection rat model. <i>Scientific Reports</i> , 2020, 10, 11709.	3.3	2

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19	Global chemical modifications comparison of human plasma proteome from two different age groups. <i>Scientific Reports</i> , 2020, 10, 14998.	3.3	1
20	Early candidate urine biomarkers for detecting Alzheimer's disease before amyloid plaque deposition in an APP (swe)/PSEN1dE9 transgenic mouse model for effective early intervention. <i>Alzheimer's and Dementia</i> , 2020, 16, e036124.	0.8	0
21	Urinary biomarker discovery in gliomas using mass spectrometry-based clinical proteomics. <i>Chinese Neurosurgical Journal</i> , 2020, 6, 11.	0.9	20
22	The Urine Proteome in Toxicology. <i>Chemical Research in Toxicology</i> , 2020, 33, 1281-1283.	3.3	1
23	Why are there proteins in the urine of healthy people?. <i>Scientia Sinica Vitae</i> , 2020, 50, 338-348.	0.3	4
24	Early changes in the urine proteome in a rat liver tumour model. <i>PeerJ</i> , 2020, 8, e8462.	2.0	10
25	Profiling tear proteomes of patients with unilateral relapsed Behcet's disease-associated uveitis using data-independent acquisition proteomics. <i>PeerJ</i> , 2020, 8, e9250.	2.0	10
26	Identification of early candidate urine biomarkers for measure Escitalopram treatment response from major depressive disorder. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
27	Early urine proteome changes in the Walker-256 tail-vein injection rat model. <i>Scientific Reports</i> , 2019, 9, 13804.	3.3	19
28	Now is the time to test early urinary biomarkers in large-scale human samples. <i>Science China Life Sciences</i> , 2019, 62, 851-853.	4.9	5
29	Dynamic urinary proteomic analysis in a Walker 256 intracerebral tumor model. <i>Cancer Medicine</i> , 2019, 8, 3553-3565.	2.8	16
30	Urine Proteome Changes in a TNBS-Induced Colitis Rat Model. <i>Proteomics - Clinical Applications</i> , 2019, 13, e1800100.	1.6	11
31	Comprehensive Analysis of Individual Variation in the Urinary Proteome Revealed Significant Gender Differences. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1110-1122.	3.8	50
32	Changes in the Urinary Proteome in a Patient-Derived Xenograft (PDX) Nude Mouse Model of Colorectal Tumor. <i>Scientific Reports</i> , 2019, 9, 4975.	3.3	9
33	Profiling of lysine-acetylated proteins in human urine. <i>Science China Life Sciences</i> , 2019, 62, 1514-1520.	4.9	4
34	Urine proteome changes in rats subcutaneously inoculated with approximately ten tumor cells. <i>PeerJ</i> , 2019, 7, e7717.	2.0	8
35	Urine Is Not a Human Waste but a Medical Treasure. , 2019, , 3-8.		0
36	Early candidate biomarkers found from urine of glioblastoma multiforme rat before changes in MRI. <i>Science China Life Sciences</i> , 2018, 61, 982-987.	4.9	41

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37	Collection and preservation of urinary proteins, using a fluff pulp diaper. <i>Science China Life Sciences</i> , 2018, 61, 671-674.	4.9	2
38	Factors to consider in the verification of urinary biomarkers. <i>Science China Life Sciences</i> , 2018, 61, 1283-1290.	4.9	3
39	Urinary candidate biomarkers in an experimental autoimmune myocarditis rat model. <i>Journal of Proteomics</i> , 2018, 179, 71-79.	2.4	34
40	Urine glucose levels are disordered before blood glucose level increase was observed in Zucker diabetic fatty rats. <i>Science China Life Sciences</i> , 2018, 61, 844-848.	4.9	20
41	Early Candidate Urine Biomarkers for Detecting Alzheimer's Disease Before Amyloid- β Plaque Deposition in an APP (swe)/PSEN1 Δ E9 Transgenic Mouse Model. <i>Journal of Alzheimer's Disease</i> , 2018, 66, 613-637.	2.6	42
42	A Comparative Proteomics Analysis of Five Body Fluids: Plasma, Urine, Cerebrospinal Fluid, Amniotic Fluid, and Saliva. <i>Proteomics - Clinical Applications</i> , 2018, 12, e1800008.	1.6	53
43	Early urinary candidate biomarker discovery in a rat thioacetamide-induced liver fibrosis model. <i>Science China Life Sciences</i> , 2018, 61, 1369-1381.	4.9	33
44	Early changes in the urine proteome in a diethyldithiocarbamate-induced chronic pancreatitis rat model. <i>Journal of Proteomics</i> , 2018, 186, 8-14.	2.4	27
45	Candidate urine biomarker discovery from only five pairs of samples before and after tumor resection in glioma patients. <i>FASEB Journal</i> , 2018, 32, 802.2.	0.5	0
46	Urine biomarkers in the early stages of diseases: current status and perspective. <i>Discovery Medicine</i> , 2018, 25, 57-65.	0.5	28
47	Dynamic changes of urine proteome in a Walker 256 tumor-bearing rat model. <i>Cancer Medicine</i> , 2017, 6, 2713-2722.	2.8	48
48	Early Detection of Urinary Proteome Biomarkers for Effective Early Treatment of Pulmonary Fibrosis in a Rat Model. <i>Proteomics - Clinical Applications</i> , 2017, 11, 1700103.	1.6	29
49	A Dry Method for Preserving Tear Protein Samples. <i>Biopreservation and Biobanking</i> , 2017, 15, 417-421.	1.0	8
50	A comprehensive analysis and annotation of human normal urinary proteome. <i>Scientific Reports</i> , 2017, 7, 3024.	3.3	127
51	Facts of research on protein-protein interactions. <i>Science China Life Sciences</i> , 2017, 60, 313-314.	4.9	1
52	Urinary Protein Changes in A Rat Starvation Model. <i>MOJ Proteomics & Bioinformatics</i> , 2017, 6, .	0.1	4
53	Effects of arginine vasopressin on the urine proteome in rats. <i>PeerJ</i> , 2017, 5, e3350.	2.0	4
54	The Specific α 1-Adrenergic Receptor Antagonist Prazosin Influences the Urine Proteome. <i>PLoS ONE</i> , 2016, 11, e0164796.	2.5	8

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55	Potential urinary aging markers of 20-month-old rats. PeerJ, 2016, 4, e2058.	2.0	11
56	Urinary candidate biomarker discovery in a rat unilateral ureteral obstruction model. Scientific Reports, 2015, 5, 9314.	3.3	41
57	Effect of transient blood glucose increases after oral glucose intake on the human urinary proteome. Proteomics - Clinical Applications, 2015, 9, 618-622.	1.6	5
58	Using fibers for rapid extraction of proteins from urine. Proteomics - Clinical Applications, 2015, 9, 445-446.	1.6	2
59	Urinary Biomarkers of Brain Diseases. Genomics, Proteomics and Bioinformatics, 2015, 13, 345-354.	6.9	110
60	Physiological conditions can be reflected in human urine proteome and metabolome. Expert Review of Proteomics, 2015, 12, 623-636.	3.0	148
61	Urine Is a Better Biomarker Source Than Blood Especially for Kidney Diseases. Advances in Experimental Medicine and Biology, 2015, 845, 3-12.	1.6	24
62	Phosphoproteins with Stability Against All Urinary Phosphatases as Potential Biomarkers in Urine. Protein and Peptide Letters, 2015, 22, 795-800.	0.9	6
63	Urinary microRNA can be concentrated, dried on membranes and stored at room temperature in vacuum bags. PeerJ, 2015, 3, e1082.	2.0	9
64	Effects of anesthetics pentobarbital sodium and chloral hydrate on urine proteome. PeerJ, 2015, 3, e813.	2.0	11
65	Urinary Candidate Biomarker Discovery in a Rat Unilateral Ureteral Obstruction Model. FASEB Journal, 2015, 29, 567.2.	0.5	1
66	Effects of Anesthetics Pentobarbital Sodium and Chloral Hydrate on Urine Proteome. FASEB Journal, 2015, 29, 567.3.	0.5	0
67	Characterization of Diverse Internal Binding Specificities of PDZ Domains by Yeast Two-Hybrid Screening of a Special Peptide Library. PLoS ONE, 2014, 9, e88286.	2.5	22
68	Discovery and Confirmation of Ligand Binding Specificities of the Schistosoma japonicum Polarity Protein Scribble. PLoS Neglected Tropical Diseases, 2014, 8, e2837.	3.0	5
69	Dynamic changes of urinary proteins in a focal segmental glomerulosclerosis rat model. Proteome Science, 2014, 12, 42.	1.7	39
70	Fast fixing and comprehensive identification to help improve real-time ligands discovery based on formaldehyde crosslinking, immunoprecipitation and SDS-PAGE separation. Proteome Science, 2014, 12, 6.	1.7	5
71	Effects of Three Commonly-used Diuretics on the Urinary Proteome. Genomics, Proteomics and Bioinformatics, 2014, 12, 120-126.	6.9	19
72	UrimeM, a membrane that can store urinary proteins simply and economically, makes the large-scale storage of clinical samples possible. Science China Life Sciences, 2014, 57, 336-339.	4.9	30

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73	Changes of proteins induced by anticoagulants can be more sensitively detected in urine than in plasma. <i>Science China Life Sciences</i> , 2014, 57, 649-656.	4.9	51
74	Comparison at the peptide level with post-translational modification consideration reveals more differences between two unenriched samples. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 1364-1370.	1.5	2
75	Roadmap to the Urine Biomarker Era. <i>MOJ Proteomics & Bioinformatics</i> , 2014, 1, .	0.1	27
76	Are Urinary Biomarkers from Clinical Studies Biomarkers of Disease or Biomarkers of Medicine?. <i>MOJ Proteomics & Bioinformatics</i> , 2014, 1, .	0.1	10
77	Comparison at the peptide level with post-translational modification consideration reveals more differences between two unenriched samples (778.1). <i>FASEB Journal</i> , 2014, 28, 778.1.	0.5	0
78	Unrestrictive identification of post-translational modifications in the urine proteome without enrichment. <i>Proteome Science</i> , 2013, 11, 1.	1.7	49
79	Differential protein expression in perfusates from metastasized rat livers. <i>Proteome Science</i> , 2013, 11, 37.	1.7	6
80	Urine— an untapped goldmine for biomarker discovery?. <i>Science China Life Sciences</i> , 2013, 56, 1145-1146.	4.9	170
81	Identification and characterization of cow's milk proteins from the rat intestinal lymph using a proteomic strategy. <i>Proteomics</i> , 2013, 13, 2649-2656.	2.2	4
82	Screening E3 Substrates Using a Live Phage Display Library. <i>PLoS ONE</i> , 2013, 8, e76622.	2.5	12
83	Using an Isolated Rat Kidney Model to Identify Kidney Origin Proteins in Urine. <i>PLoS ONE</i> , 2013, 8, e66911.	2.5	14
84	Fast Fix, Fish and Filter, 4Facts strategy to identify real time protein-protein interactions in situ with few false positives. <i>FASEB Journal</i> , 2013, 27, 810.2.	0.5	0
85	A comparison of E15.5 fetus and newborn rat serum proteomes. <i>Proteome Science</i> , 2012, 10, 64.	1.7	3
86	Molecular characterization and ligand binding specificity of the PDZ domain-containing protein GIPC3 from <i>Schistosoma japonicum</i> . <i>Parasites and Vectors</i> , 2012, 5, 227.	2.5	7
87	Proteomics Strategy to Identify Substrates of LNX, a PDZ Domain-containing E3 Ubiquitin Ligase. <i>Journal of Proteome Research</i> , 2012, 11, 4847-4862.	3.7	29
88	Novel Nonphosphorylated Peptides with Conserved Sequences Selectively Bind to Grb7 SH2 Domain with Affinity Comparable to Its Phosphorylated Ligand. <i>PLoS ONE</i> , 2012, 7, e29902.	2.5	5
89	Characterization of diverse internal binding sequences to PDZ domains by screening special random peptide library in yeast two-hybrid system. <i>FASEB Journal</i> , 2012, 26, 978.1.	0.5	0
90	Applications of urinary proteomics in biomarker discovery. <i>Science China Life Sciences</i> , 2011, 54, 409-417.	4.9	33

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91	A Tool for Biomarker Discovery in the Urinary Proteome: A Manually Curated Human and Animal Urine Protein Biomarker Database. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M111.010975.	3.8	85
92	The urinary biomarker database. <i>FASEB Journal</i> , 2011, 25, .	0.5	0
93	Strategy for Studying the Liver Secretome on the Organ Level. <i>Journal of Proteome Research</i> , 2010, 9, 1894-1901.	3.7	6
94	Systematic Analysis of a Simple Adaptor Protein PDZK1: Ligand Identification, Interaction and Functional Prediction of Complex. <i>Cellular Physiology and Biochemistry</i> , 2009, 24, 231-242.	1.6	13
95	Comparative Proteome Analysis of Splenic Lymphocytes in Senescence-Accelerated Mice. <i>Gerontology</i> , 2009, 55, 559-569.	2.8	6
96	Oscore: a combined score to reduce false negative rates for peptide identification in tandem mass spectrometry analysis. <i>Journal of Mass Spectrometry</i> , 2009, 44, 25-31.	1.6	11
97	Using enrichment index for quality control of secretory protein sample and identification of secretory proteins. <i>Journal of Mass Spectrometry</i> , 2009, 44, 397-403.	1.6	8
98	Nucleic Acids in Protein Samples Interfere with Phosphopeptide Identification by Immobilized-Metal-Ion Affinity Chromatography and Mass Spectrometry. <i>Molecular Biotechnology</i> , 2009, 43, 59-66.	2.4	6
99	Improving peptide identification using an empirical peptide retention time database. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 109-118.	1.5	7
100	Dynamic urinary proteomic analysis reveals stable proteins to be potential biomarkers. <i>Proteomics - Clinical Applications</i> , 2009, 3, 370-382.	1.6	32
101	An Attempt to Understand Kidney's Protein Handling Function by Comparing Plasma and Urine Proteomes. <i>PLoS ONE</i> , 2009, 4, e5146.	2.5	60
102	Understand liver functions by proteomic profiling of isolated rat liver perfusates. <i>FASEB Journal</i> , 2009, 23, 857.6.	0.5	0
103	systematic analysis of a simple adaptor protein PDZK1: ligand identification, interaction and functional prediction of complex. <i>FASEB Journal</i> , 2009, 23, 516.1.	0.5	1
104	An Efficiency machine learning system prediction coupled with yeast two hybrid confirmations to identify HPV 16 E6 interacting PDZ proteins. <i>FASEB Journal</i> , 2009, 23, 858.9.	0.5	1
105	Differential ConA-enriched urinary proteome in rat experimental glomerular diseases. <i>Biochemical and Biophysical Research Communications</i> , 2008, 371, 385-390.	2.1	31
106	Defining the Specificity Space of the Human Src Homology 2 Domain. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 768-784.	3.8	203
107	Rapid characterization of the binding property of HtrA2/Omi PDZ domain by validation screening of PDZ ligand library. <i>Science in China Series C: Life Sciences</i> , 2007, 50, 412-422.	1.3	5
108	Understanding kidney function by comparing serum and urine proteomes. <i>FASEB Journal</i> , 2007, 21, A1004.	0.5	0

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109	Characterization of PDZ domains ligands by a high efficiency strategy. FASEB Journal, 2007, 21, A271.	0.5	0
110	Improve the tandem mass spectra identification and reduce false negative rate using peptide LC retention time.. FASEB Journal, 2007, 21, A265.	0.5	0
111	Microwave-assisted Protein Preparation and Enzymatic Digestion in Proteomics. Molecular and Cellular Proteomics, 2006, 5, 769-776.	3.8	138
112	An Integrated Machine Learning System to Computationally Screen Protein Databases for Protein Binding Peptide Ligands. Molecular and Cellular Proteomics, 2006, 5, 1224-1232.	3.8	17
113	Concanavalin A-captured Glycoproteins in Healthy Human Urine. Molecular and Cellular Proteomics, 2006, 5, 560-562.	3.8	109
114	A High Efficiency Strategy for Binding Property Characterization of Peptide-binding Domains. Molecular and Cellular Proteomics, 2006, 5, 1368-1381.	3.8	32
115	An integrated machine learning system to computationally screen protein databases for Protein binding peptide ligands.. FASEB Journal, 2006, 20, A528.	0.5	0
116	An Analysis of Protein Abundance Suppression in Data Dependent Liquid Chromatography and Tandem Mass Spectrometry with Tryptic Peptide Mixtures of Five Known Proteins. European Journal of Mass Spectrometry, 2005, 11, 575-580.	1.0	21
117	Comparative Proteome Analysis of Breast Cancer and Normal Breast. Molecular Biotechnology, 2005, 29, 233-244.	2.4	18
118	A Method for Generation of Arbitrary Peptide Libraries Using Genomic DNA. Molecular Biotechnology, 2005, 30, 135-142.	2.4	5
119	Human urine proteome analysis by three separation approaches. Proteomics, 2005, 5, 4994-5001.	2.2	134
120	AMASS: Software for Automatically Validating the Quality of MS/MS Spectrum from SEQUEST Results. Molecular and Cellular Proteomics, 2004, 3, 1194-1199.	3.8	33
121	RScore: a peptide randomness score for evaluating tandem mass spectra. Rapid Communications in Mass Spectrometry, 2004, 18, 1655-1659.	1.5	24
122	Construction of A Non-Redundant Human SH2 Domain Database. Genomics, Proteomics and Bioinformatics, 2004, 2, 119-122.	6.9	3
123	A Systematical Analysis of Tryptic Peptide Identification with Reverse Phase Liquid Chromatography and Electrospray Ion Trap Mass Spectrometry. Genomics, Proteomics and Bioinformatics, 2004, 2, 174-183.	6.9	8
124	Synectin, syndecan-4 cytoplasmic domain binding PDZ protein, inhibits cell migration. Journal of Cellular Physiology, 2000, 184, 373-379.	4.1	164
125	Phosphatidylinositol-4,5-bisphosphate Mediates the Interaction of Syndecan-4 with Protein Kinase Cα. Biochemistry, 1999, 38, 15871-15877.	2.5	85
126	Enrichment and Analysis of Concanavalin A-Captured Urinary Glycoproteins. , 0, , 233-241.		0

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127	Liquid Chromatography Coupled to Mass Spectrometry for Analysis of the Urinary Proteome. , 0, , 271-279.		1