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List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

2,382
citations

201385

27
h-index

223531

46
g-index

71
all docs

71
docs citations

71
times ranked

3726
citing authors

#	ARTICLE	IF	CITATIONS
1	Arginine demethylation is catalysed by a subset of JmjC histone lysine demethylases. <i>Nature Communications</i> , 2016, 7, 11974.	5.8	168
2	PHF8, a gene associated with cleft lip/palate and mental retardation, encodes for an N ¹ -dimethyl lysine demethylase. <i>Human Molecular Genetics</i> , 2010, 19, 217-222.	1.4	153
3	The roles of bone-derived exosomes and exosomal microRNA in regulating bone remodelling. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 1033-1041.	1.6	142
4	Oxygenase-catalyzed ribosome hydroxylation occurs in prokaryotes and humans. <i>Nature Chemical Biology</i> , 2012, 8, 960-962.	3.9	135
5	Structural basis for oxygen degradation domain selectivity of the HIF prolyl hydroxylases. <i>Nature Communications</i> , 2016, 7, 12673.	5.8	109
6	Protein content and functional characteristics of serum-purified exosomes from patients with colorectal cancer revealed by quantitative proteomics. <i>International Journal of Cancer</i> , 2017, 140, 900-913.	2.3	101
7	Optimal Translational Termination Requires C4 Lysyl Hydroxylation of eRF1. <i>Molecular Cell</i> , 2014, 53, 645-654.	4.5	99
8	Ribosomal oxygenases are structurally conserved from prokaryotes to humans. <i>Nature</i> , 2014, 510, 422-426.	13.7	87
9	Quantitative proteomics reveals distinct composition of amyloid plaques in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2019, 15, 429-440.	0.4	69
10	Factor-inhibiting hypoxia-inducible factor (FIH) catalyses the post-translational hydroxylation of histidinyl residues within ankyrin repeat domains. <i>FEBS Journal</i> , 2011, 278, 1086-1097.	2.2	68
11	Quantitative protein profiling of hippocampus during human aging. <i>Neurobiology of Aging</i> , 2016, 39, 46-56.	1.5	68
12	Asparagine and Aspartate Hydroxylation of the Cytoskeletal Ankyrin Family Is Catalyzed by Factor-inhibiting Hypoxia-inducible Factor. <i>Journal of Biological Chemistry</i> , 2011, 286, 7648-7660.	1.6	63
13	Involvement of serum-derived exosomes of elderly patients with bone loss in failure of bone remodeling via alteration of exosomal bone-related proteins. <i>Aging Cell</i> , 2018, 17, e12758.	3.0	63
14	Human oxygen sensing may have origins in prokaryotic elongation factor Tu prolyl-hydroxylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13331-13336.	3.3	60
15	The outcome comparison of the suprapatellar approach and infrapatellar approach for tibia intramedullary nailing. <i>International Orthopaedics</i> , 2016, 40, 2611-2617.	0.9	60
16	LncRNA H19 regulates PI3K-Akt signal pathway by functioning as a ceRNA and predicts poor prognosis in colorectal cancer: integrative analysis of dysregulated ncRNA-associated ceRNA network. <i>Cancer Cell International</i> , 2019, 19, 148.	1.8	60
17	Bench-to-bedside strategies for osteoporotic fracture: From osteoimmunology to mechanosensation. <i>Bone Research</i> , 2019, 7, 25.	5.4	47
18	Sudestada1, a <i>Drosophila</i> ribosomal prolyl-hydroxylase required for mRNA translation, cell homeostasis, and organ growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4025-4030.	3.3	46

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19	The histone methyltransferase DOT1L inhibits osteoclastogenesis and protects against osteoporosis. <i>Cell Death and Disease</i> , 2018, 9, 33.	2.7	44
20	Clinicopathological predictors of occult lateral neck lymph node metastasis in papillary thyroid cancer: A meta-analysis. <i>Head and Neck</i> , 2019, 41, 2441-2449.	0.9	38
21	JMJD5 is a human arginyl C-3 hydroxylase. <i>Nature Communications</i> , 2018, 9, 1180.	5.8	37
22	Quantitative Proteomics Analysis of Sporadic Medullary Thyroid Cancer Reveals FN1 as a Potential Novel Candidate Prognostic Biomarker. <i>Oncologist</i> , 2018, 23, 1415-1425.	1.9	36
23	Isopenicillin N Synthase Mediates Thiolate Oxidation to Sulfenate in a Depsipeptide Substrate Analogue: Implications for Oxygen Binding and a Link to Nitrile Hydratase?. <i>Journal of the American Chemical Society</i> , 2008, 130, 10096-10102.	6.6	35
24	The roles of interferons in osteoclasts and osteoclastogenesis. <i>Joint Bone Spine</i> , 2016, 83, 276-281.	0.8	33
25	Structure of the Ribosomal Oxygenase OGFOD1 Provides Insights into the Regio- and Stereoselectivity of Prolyl Hydroxylases. <i>Structure</i> , 2015, 23, 639-652.	1.6	32
26	Efficacy of a Single Dose and an Additional Dose of Tranexamic Acid in Reduction of Blood Loss in Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 2108-2112.	1.5	32
27	Locking plates versus intramedullary nails in the management of displaced proximal humeral fractures: a systematic review and meta-analysis. <i>International Orthopaedics</i> , 2018, 42, 641-650.	0.9	31
28	The Jumonji-C oxygenase JMJD7 catalyzes (3S)-lysyl hydroxylation of TRAFAC GTPases. <i>Nature Chemical Biology</i> , 2018, 14, 688-695.	3.9	31
29	Comprehensive proteome analysis of lysosomes reveals the diverse function of macrophages in immune responses. <i>Oncotarget</i> , 2017, 8, 7420-7440.	0.8	28
30	Intraatrial Transplantation of Human Neural Stem Cells Restores the Impaired Subventricular Zone in Parkinsonian Mice. <i>Stem Cells</i> , 2017, 35, 1519-1531.	1.4	27
31	Proteomic Profiling of Brain and Testis Reveals the Diverse Changes in Ribosomal Proteins in <i>fmr1</i> Knockout Mice. <i>Neuroscience</i> , 2018, 371, 469-483.	1.1	25
32	Multiple roles of Ring 1 and YY 1 binding protein in physiology and disease. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2046-2054.	1.6	24
33	Proteomic Profiling of Exosomes From Hemorrhagic Moyamoya Disease and Dysfunction of Mitochondria in Endothelial Cells. <i>Stroke</i> , 2021, 52, 3351-3361.	1.0	24
34	Temporal lobe in human aging: A quantitative protein profiling study of samples from Chinese Human Brain Bank. <i>Experimental Gerontology</i> , 2016, 73, 31-41.	1.2	22
35	MZH29 is a novel potent inhibitor that overcomes drug resistance FLT3 mutations in acute myeloid leukemia. <i>Leukemia</i> , 2017, 31, 913-921.	3.3	20
36	Structural Studies on the Reaction of Isopenicillin N Synthase with a Sterically Demanding Depsipeptide Substrate Analogue. <i>ChemBioChem</i> , 2009, 10, 2025-2031.	1.3	19

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37	The tandem Agenet domain of fragile X mental retardation protein interacts with FUS. <i>Scientific Reports</i> , 2017, 7, 962.	1.6	19
38	<p>Proteome Profiling of Lung Tissues in Chronic Obstructive Pulmonary Disease (COPD): Platelet and Macrophage Dysfunction Contribute to the Pathogenesis of COPD</p>. <i>International Journal of COPD</i> , 2020, Volume 15, 973-980.	0.9	18
39	Proteomic Analysis of Estrogen-Mediated Signal Transduction in Osteoclasts Formation. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	16
40	Proteomic analysis of human hippocampal subfields provides new insights into the pathogenesis of Alzheimerâ€™s disease and the role of glial cells. <i>Brain Pathology</i> , 2022, 32, e13047.	2.1	14
41	Inâ€Depth Proteomics Analysis to Identify Biomarkers of Papillary Thyroid Cancer Patients Older Than 45 Years with Different Degrees of Lymph Node Metastases. <i>Proteomics - Clinical Applications</i> , 2019, 13, e1900030.	0.8	13
42	Rapamycin regulates cholesterol biosynthesis and cytoplasmic ribosomal proteins in hippocampus and temporal lobe of APP/PS1 mouse. <i>Journal of the Neurological Sciences</i> , 2019, 399, 125-139.	0.3	13
43	Quantitative proteomics reveals that distant recurrence-associated protein R-Ras and Transgelin predict post-surgical survival in patients with Stage III colorectal cancer. <i>Oncotarget</i> , 2016, 7, 43868-43893.	0.8	13
44	Quantitative proteomic profiling for clarification of the crucial roles of lysosomes in microbial infections. <i>Molecular Immunology</i> , 2017, 87, 122-131.	1.0	12
45	Relationship Between Femur and Femoral Arteries for Identifying Risk Factors for Vascular Injury. <i>Medical Science Monitor</i> , 2017, 23, 1733-1740.	0.5	12
46	Proteomic profiling of sclerotic hippocampus revealed dysregulated packaging of vesicular neurotransmitters in temporal lobe epilepsy. <i>Epilepsy Research</i> , 2020, 166, 106412.	0.8	10
47	Proteomic and Transcriptomic Analyses Reveal Pathological Changes in the Entorhinal Cortex Region that Correlate Well with Dysregulation of Ion Transport in Patients with Alzheimerâ€™s Disease. <i>Molecular Neurobiology</i> , 2021, 58, 4007-4027.	1.9	10
48	The Influence of Position of the Displaced Lesser Trochanter on Clinical Outcome of Unstable Trochanteric Femur Fractures in the Elderly. <i>BioMed Research International</i> , 2018, 2018, 1-6.	0.9	9
49	Proteomics profiling and pathway analysis of hippocampal aging in rhesus monkeys. <i>BMC Neuroscience</i> , 2020, 21, 2.	0.8	9
50	Crystallographic studies on the binding of selectively deuterated LLD- and LLL-substrate epimers by isopenicillin N synthase. <i>Biochemical and Biophysical Research Communications</i> , 2010, 398, 659-664.	1.0	8
51	Proteome Profiling of Cerebral Vessels in Rhesus Macaques: Dysregulation of Antioxidant Activity and Extracellular Matrix Proteins Contributes to Cerebrovascular Aging in Rhesus Macaques. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 293.	1.7	8
52	The crystal structure of anlll-configured depsipeptide substrate analogue bound to isopenicillin N synthase. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 122-127.	1.5	7
53	The interactome and proteomic responses of ALKBH7 in cell lines by in-depth proteomics analysis. <i>Proteome Science</i> , 2019, 17, 8.	0.7	7
54	Dysregulation of cellâ€cell interactions in brain arteriovenous malformations: A quantitative proteomic study. <i>Proteomics - Clinical Applications</i> , 2017, 11, 1600093.	0.8	6

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55	A human protein hydroxylase that accepts D-residues. <i>Communications Chemistry</i> , 2020, 3, .	2.0	6
56	Exploration of the Key Proteins of High-Grade Intraepithelial Neoplasia to Adenocarcinoma Sequence Using In-Depth Quantitative Proteomics Analysis. <i>Journal of Oncology</i> , 2021, 2021, 1-13.	0.6	5
57	FMRP: a new chapter with chromatin. <i>Protein and Cell</i> , 2014, 5, 885-888.	4.8	4
58	Asporin Interacts With HER2 to Promote Thyroid Cancer Metastasis via the MAPK/EMT Signaling Pathway. <i>Frontiers in Oncology</i> , 2022, 12, .	1.3	4
59	Quantitative protein profiling and pathway analysis of spinal arteriovenous malformations. <i>Microvascular Research</i> , 2018, 120, 47-54.	1.1	3
60	Exploration of the Key Proteins in the Normal-Adenoma-Carcinoma Sequence of Colorectal Cancer Evolution Using In-Depth Quantitative Proteomics. <i>Journal of Oncology</i> , 2021, 2021, 1-19.	0.6	2
61	Exploration of the typical features of tubulovillous adenoma using in-depth quantitative proteomics analysis. <i>Bioengineered</i> , 2021, 12, 6831-6843.	1.4	2
62	Comparison of proteome alterations during aging in the temporal lobe of humans and rhesus macaques. <i>Experimental Brain Research</i> , 2020, 238, 1963-1976.	0.7	1
63	Letter to the Editor concerning "Robot-assisted and conventional freehand pedicle screw placement: a systematic review and meta-analysis of randomized controlled trials" by Gao ST et al. (<i>Eur Spine J</i>); Tj ETQq1 1 0:784314 rgBT /Ove		
64	Serum-derived extracellular vesicles inhibit osteoclastogenesis in active-phase patients with SAPHO syndrome. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2021, 13, 1759720X2110069.	1.2	0