

Hossein Fazelinia

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

927
citations

759055

12
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677027

22
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23
all docs

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docs citations

23
times ranked

1703
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive Multi-omics Analysis Reveals Mitochondrial Stress as a Central Biological Hub for Spaceflight Impact. <i>Cell</i> , 2020, 183, 1185-1201.e20.	13.5	161
2	Sustained release of endothelial progenitor cell-derived extracellular vesicles from shear-thinning hydrogels improves angiogenesis and promotes function after myocardial infarction. <i>Cardiovascular Research</i> , 2018, 114, 1029-1040.	1.8	147
3	AraC Regulatory Protein Mutants with Altered Effector Specificity. <i>Journal of the American Chemical Society</i> , 2008, 130, 5267-5271.	6.6	132
4	The landscape of transcription errors in eukaryotic cells. <i>Science Advances</i> , 2017, 3, e1701484.	4.7	102
5	Computational design of <i>Candida boidinii</i> xylose reductase for altered cofactor specificity. <i>Protein Science</i> , 2009, 18, 2125-2138.	3.1	84
6	The Pediatric Cell Atlas: Defining the Growth Phase of Human Development at Single-Cell Resolution. <i>Developmental Cell</i> , 2019, 49, 10-29.	3.1	57
7	Multi-omics analysis of multiple missions to space reveal a theme of lipid dysregulation in mouse liver. <i>Scientific Reports</i> , 2019, 9, 19195.	1.6	46
8	OptGraft: A computational procedure for transferring a binding site onto an existing protein scaffold. <i>Protein Science</i> , 2009, 18, 180-195.	3.1	34
9	Induction of the Immunoproteasome Subunit Lmp7 Links Proteostasis and Immunity in α -Synuclein Aggregation Disorders. <i>EBioMedicine</i> , 2018, 31, 307-319.	2.7	32
10	Extending Iterative Protein Redesign and Optimization (IPRO) in Protein Library Design for Ligand Specificity. <i>Biophysical Journal</i> , 2007, 92, 2120-2130.	0.2	25
11	Urine Proteomics: Evaluation of Different Sample Preparation Workflows for Quantitative, Reproducible, and Improved Depth of Analysis. <i>Journal of Proteome Research</i> , 2020, 19, 1857-1862.	1.8	23
12	Multimodality assessment of heart failure with preserved ejection fraction skeletal muscle reveals differences in the machinery of energy fuel metabolism. <i>ESC Heart Failure</i> , 2021, 8, 2698-2712.	1.4	16
13	The E3 ubiquitin ligase Cul4b promotes CD4+ T cell expansion by aiding the repair of damaged DNA. <i>PLoS Biology</i> , 2021, 19, e3001041.	2.6	15
14	Improved surfaceome coverage with a label-free nonaffinity-purified workflow. <i>Proteomics</i> , 2017, 17, 1600344.	1.3	9
15	Sex Differences in the Phosphoproteomic Profiles of APP/PS1 Mice after Chronic Unpredictable Mild Stress. <i>Journal of Alzheimer's Disease</i> , 2020, 74, 1131-1142.	1.2	8
16	Endogenous S-nitrosocysteine proteomic inventories identify a core of proteins in heart metabolic pathways. <i>Redox Biology</i> , 2021, 47, 102153.	3.9	8
17	Stability and bioactivity of pepCD47 attachment on stainless steel surfaces. <i>Acta Biomaterialia</i> , 2020, 104, 231-240.	4.1	7
18	Plasma Nucleosomes Are Associated With Mortality in Pediatric Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2021, 49, 1149-1158.	0.4	6

#	ARTICLE	IF	CITATIONS
19	Itch attenuates CD4 T cell proliferation in mice by limiting WBP2 protein stability. <i>European Journal of Immunology</i> , 2020, 50, 1468-1483.	1.6	5
20	An interdomain helix in IRE1 β mediates the conformational change required for the sensor's activation. <i>Journal of Biological Chemistry</i> , 2021, 296, 100781.	1.6	5
21	The Non-pregnant and Pregnant Human Cervix: a Systematic Proteomic Analysis. <i>Reproductive Sciences</i> , 2022, 29, 1542-1559.	1.1	4
22	Longitudinal Large-Scale Semiquantitative Proteomic Data Stability Across Multiple Instrument Platforms. <i>Journal of Proteome Research</i> , 2021, 20, 5203-5211.	1.8	1