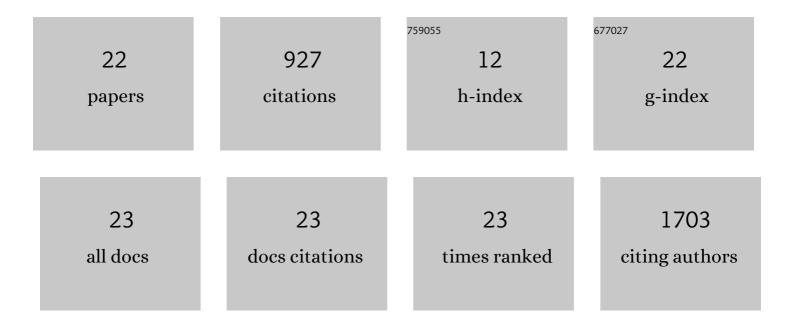
Hossein Fazelinia

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Comprehensive Multi-omics Analysis Reveals Mitochondrial Stress as a Central Biological Hub for Spaceflight Impact. Cell, 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. Cardiovascular Research, 2018, 114, 1029-1040.	1.8	147
3	AraC Regulatory Protein Mutants with Altered Effector Specificity. Journal of the American Chemical Society, 2008, 130, 5267-5271.	6.6	132
4	The landscape of transcription errors in eukaryotic cells. Science Advances, 2017, 3, e1701484.	4.7	102
5	Computational design of <i>Candida boidinii</i> xylose reductase for altered cofactor specificity. Protein Science, 2009, 18, 2125-2138.	3.1	84
6	The Pediatric Cell Atlas: Defining the Growth Phase of Human Development at Single-Cell Resolution. Developmental Cell, 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. Scientific Reports, 2019, 9, 19195.	1.6	46
8	OptGraft: A computational procedure for transferring a binding site onto an existing protein scaffold. Protein Science, 2009, 18, 180-195.	3.1	34
9	Induction of the Immunoproteasome Subunit Lmp7 Links Proteostasis and Immunity in α-Synuclein Aggregation Disorders. EBioMedicine, 2018, 31, 307-319.	2.7	32
10	Extending Iterative Protein Redesign and Optimization (IPRO) in Protein Library Design for Ligand Specificity. Biophysical Journal, 2007, 92, 2120-2130.	0.2	25
11	Urine Proteomics: Evaluation of Different Sample Preparation Workflows for Quantitative, Reproducible, and Improved Depth of Analysis. Journal of Proteome Research, 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. ESC Heart Failure, 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. PLoS Biology, 2021, 19, e3001041.	2.6	15
14	Improved surfaceome coverage with a labelâ€free nonaffinityâ€purified workflow. Proteomics, 2017, 17, 1600344.	1.3	9
15	Sex Differences in the Phosphoproteomic Profiles of APP/PS1 Mice after Chronic Unpredictable Mild Stress. Journal of Alzheimer's Disease, 2020, 74, 1131-1142.	1.2	8
16	Endogenous S-nitrosocysteine proteomic inventories identify a core of proteins in heart metabolic pathways. Redox Biology, 2021, 47, 102153.	3.9	8
17	Stability and bioactivity of pepCD47 attachment on stainless steel surfaces. Acta Biomaterialia, 2020, 104, 231-240.	4.1	7
18	Plasma Nucleosomes Are Associated With Mortality in Pediatric Acute Respiratory Distress Syndrome. Critical Care Medicine, 2021, 49, 1149-1158.	0.4	6

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#	Article	IF	CITATIONS
19	Itch attenuates CD4 T ell proliferation in mice by limiting WBP2 protein stability. European Journal of Immunology, 2020, 50, 1468-1483.	1.6	5
20	An interdomain helix in IRE1α mediates the conformational change required for the sensor's activation. Journal of Biological Chemistry, 2021, 296, 100781.	1.6	5
21	The Non-pregnant and Pregnant Human Cervix: a Systematic Proteomic Analysis. Reproductive Sciences, 2022, 29, 1542-1559.	1.1	4
22	Longitudinal Large-Scale Semiquantitative Proteomic Data Stability Across Multiple Instrument Platforms. Journal of Proteome Research, 2021, 20, 5203-5211.	1.8	1