

# Khaterreh Motamedchaboki

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11205047/publications.pdf>

Version: 2024-02-01

23  
papers

2,266  
citations

361413

20  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

4003  
citing authors

#	ARTICLE	IF	CITATIONS
1	An improved smaller biotin ligase for BioID proximity labeling. <i>Molecular Biology of the Cell</i> , 2016, 27, 1188-1196.	2.1	602
2	Probing nuclear pore complex architecture with proximity-dependent biotinylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E2453-61.	7.1	422
3	Surface Polyethylene Glycol Conformation Influences the Protein Corona of Polyethylene Glycol-Modified Single-Walled Carbon Nanotubes: Potential Implications on Biological Performance. <i>ACS Nano</i> , 2013, 7, 1974-1989.	14.6	189
4	Ultrasensitive single-cell proteomics workflow identifies >1000 protein groups per mammalian cell. <i>Chemical Science</i> , 2021, 12, 1001-1006.	7.4	165
5	Improved Single-Cell Proteome Coverage Using Narrow-Bore Packed NanoLC Columns and Ultrasensitive Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 2665-2671.	6.5	141
6	Matrix Metalloproteinase Proteolysis of the Myelin Basic Protein Isoforms Is a Source of Immunogenic Peptides in Autoimmune Multiple Sclerosis. <i>PLoS ONE</i> , 2009, 4, e4952.	2.5	76
7	Identification and characterization of a novel ISG15-ubiquitin mixed chain and its role in regulating protein homeostasis. <i>Scientific Reports</i> , 2015, 5, 12704.	3.3	76
8	Oncogenic Gene Fusion FGFR3-TACC3 Is Regulated by Tyrosine Phosphorylation. <i>Molecular Cancer Research</i> , 2016, 14, 458-469.	3.4	69
9	Protein Corona Influences Cell-Biomaterial Interactions in Nanostructured Tissue Engineering Scaffolds. <i>Advanced Functional Materials</i> , 2015, 25, 4379-4389.	14.9	57
10	A Transcript-Specific eIF3 Complex Mediates Global Translational Control of Energy Metabolism. <i>Cell Reports</i> , 2016, 16, 1891-1902.	6.4	52
11	Ubiquitylation-dependent oligomerization regulates activity of Nedd4 ligases. <i>EMBO Journal</i> , 2017, 36, 425-440.	7.8	51
12	Synthetic biology approach to reconstituting the ubiquitylation cascade in bacteria. <i>EMBO Journal</i> , 2012, 31, 378-390.	7.8	47
13	Comprehensive proteomic analysis of <i>Schizosaccharomyces pombe</i> by two-dimensional HPLC-tandem mass spectrometry. <i>Methods</i> , 2009, 48, 311-319.	3.8	46
14	Inflammatory Proprotein Convertase-Matrix Metalloproteinase Proteolytic Pathway in Antigen-presenting Cells as a Step to Autoimmune Multiple Sclerosis. <i>Journal of Biological Chemistry</i> , 2009, 284, 30615-30626.	3.4	39
15	p97 Composition Changes Caused by Allosteric Inhibition Are Suppressed by an On-Target Mechanism that Increases the Enzyme's ATPase Activity. <i>Cell Chemical Biology</i> , 2016, 23, 517-528.	5.2	34
16	Human myeloperoxidase (hMPO) is expressed in neurons in the substantia nigra in Parkinson's disease and in the hMPO- $\Delta$ -synuclein-A53T mouse model, correlating with increased nitration and aggregation of $\Delta$ -synuclein and exacerbation of motor impairment. <i>Free Radical Biology and Medicine</i> , 2019, 141, 115-140.	2.9	34
17	Carbon Nanotube-Based Nanocarriers: The Importance of Keeping It Clean. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 5293-5301.	0.9	31
18	Proteolysis of the Membrane Type-1 Matrix Metalloproteinase Prodomain. <i>Journal of Biological Chemistry</i> , 2007, 282, 36283-36291.	3.4	30

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19	SPARCâ€™Dependent Cardiomyopathy in <i>Drosophila</i> . <i>Circulation: Cardiovascular Genetics</i> , 2016, 9, 119-129.	5.1	30
20	Autocatalytic Activation of the Furin Zymogen Requires Removal of the Emerging Enzyme's N-Terminus from the Active Site. <i>PLoS ONE</i> , 2009, 4, e5031.	2.5	25
21	Internal Cleavages of the Autoinhibitory Prodomain Are Required for Membrane Type 1 Matrix Metalloproteinase Activation, although Furin Cleavage Alone Generates Inactive Proteinase. <i>Journal of Biological Chemistry</i> , 2010, 285, 27726-27736.	3.4	21
22	Identification of Redox and Glucose-Dependent Txnip Protein Interactions. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-10.	4.0	11
23	Matrix metalloproteinase proteolysis of the mycobacterial HSP65 protein as a potential source of immunogenic peptides in human tuberculosis. <i>FEBS Journal</i> , 2011, 278, 3277-3286.	4.7	10