

Oded Kleifeld

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,282
citations

331670

21
h-index

302126

39
g-index

42
all docs

42
docs citations

42
times ranked

3666
citing authors

#	ARTICLE	IF	CITATIONS
1	Isotopic labeling of terminal amines in complex samples identifies protein N-termini and protease cleavage products. <i>Nature Biotechnology</i> , 2010, 28, 281-288.	17.5	510
2	Identifying and quantifying proteolytic events and the natural N terminome by terminal amine isotopic labeling of substrates. <i>Nature Protocols</i> , 2011, 6, 1578-1611.	12.0	291
3	Reversible 26S Proteasome Disassembly upon Mitochondrial Stress. <i>Cell Reports</i> , 2014, 7, 1371-1380.	6.4	150
4	LysargiNase mirrors trypsin for protein C-terminal and methylation-site identification. <i>Nature Methods</i> , 2015, 12, 55-58.	19.0	128
5	A Perturbed Ubiquitin Landscape Distinguishes Between Ubiquitin in Trafficking and in Proteolysis. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M111.009753.	3.8	115
6	Conformational Changes during Pore Formation by the Perforin-Related Protein Pleurotolysin. <i>PLoS Biology</i> , 2015, 13, e1002049.	5.6	114
7	Outer membrane vesicles from <i>Neisseria gonorrhoeae</i> target PorB to mitochondria and induce apoptosis. <i>PLoS Pathogens</i> , 2018, 14, e1006945.	4.7	105
8	Granzyme B Promotes Cytotoxic Lymphocyte Transmigration via Basement Membrane Remodeling. <i>Immunity</i> , 2014, 41, 960-972.	14.3	102
9	Ubiquitination and receptor-mediated mitophagy converge to eliminate oxidation-damaged mitochondria during hypoxia. <i>Redox Biology</i> , 2021, 45, 102047.	9.0	66
10	The 20S as a stand-alone proteasome in cells can degrade the ubiquitin tag. <i>Nature Communications</i> , 2021, 12, 6173.	12.8	66
11	Synthetic Uncleavable Ubiquitinated Proteins Dissect Proteasome Deubiquitination and Degradation, and Highlight Distinctive Fate of Tetraubiquitin. <i>Journal of the American Chemical Society</i> , 2016, 138, 16004-16015.	13.7	50
12	Cleavage of the leptin receptor by matrix metalloproteinase-2 promotes leptin resistance and obesity in mice. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	46
13	Disassembly of Lys11 and Mixed Linkage Polyubiquitin Conjugates Provides Insights into Function of Proteasomal Deubiquitinases Rpn11 and Ubp6. <i>Journal of Biological Chemistry</i> , 2015, 290, 4688-4704.	3.4	42
14	Oxidation of an Exposed Methionine Instigates the Aggregation of Glyceraldehyde-3-phosphate Dehydrogenase. <i>Journal of Biological Chemistry</i> , 2014, 289, 26922-26936.	3.4	41
15	Activity-Based Probes Developed by Applying a Sequential Dehydroalanine Formation Strategy to Expressed Proteins Reveal a Potential I α -Globin-Modulating Deubiquitinase. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5645-5649.	13.8	41
16	The RNA-Binding Chaperone Hfq Is an Important Global Regulator of Gene Expression in <i>Pasteurella multocida</i> and Plays a Crucial Role in Production of a Number of Virulence Factors, Including Hyaluronic Acid Capsule. <i>Infection and Immunity</i> , 2016, 84, 1361-1370.	2.2	40
17	Preassembled GPCR signaling complexes mediate distinct cellular responses to ultralow ligand concentrations. <i>Science Signaling</i> , 2018, 11, .	3.6	36
18	Proteomic Identification of Interferon-Induced Proteins with Tetratricopeptide Repeats as Markers of M1 Macrophage Polarization. <i>Journal of Proteome Research</i> , 2018, 17, 1485-1499.	3.7	35

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19	Structure of ubiquitylated-Rpn10 provides insight into its autoregulation mechanism. <i>Nature Communications</i> , 2016, 7, 12960.	12.8	34
20	Determination of the small RNA GcvB regulon in the Gram-negative bacterial pathogen <i>Pasteurella multocida</i> and identification of the GcvB seed binding region. <i>Rna</i> , 2018, 24, 704-720.	3.5	26
21	Clinical and Pharmacological Investigation of Myotoxicity in Sri Lankan Russell's Viper (<i>Daboia</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	3.0	25
22	Structure-function analyses of a pertussis-like toxin from pathogenic <i>Escherichia coli</i> reveal a distinct mechanism of inhibition of trimeric G-proteins. <i>Journal of Biological Chemistry</i> , 2017, 292, 15143-15158.	3.4	23
23	Exploring the oncoproteomic response of human prostate cancer to therapeutic radiation using data-independent acquisition (DIA) mass spectrometry. <i>Prostate</i> , 2018, 78, 563-575.	2.3	23
24	Structural and mechanistic insight into alkane hydroxylation by <i>Pseudomonas putida</i> AlkB. <i>Biochemical Journal</i> , 2014, 460, 283-293.	3.7	18
25	Base-CP proteasome can serve as a platform for stepwise lid formation. <i>Bioscience Reports</i> , 2015, 35, .	2.4	18
26	Integration of Two In-depth Quantitative Proteomics Approaches Determines the Kallikrein-related Peptidase 7 (KLK7) Degradome in Ovarian Cancer Cell Secretome. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 818a-836.	3.8	16
27	Phosphoproteomic characterization of the signaling network resulting from activation of the chemokine receptor CCR2. <i>Journal of Biological Chemistry</i> , 2020, 295, 6518-6531.	3.4	16
28	Activity-Based Probes Developed by Applying a Sequential Dehydroalanine Formation Strategy to Expressed Proteins Reveal a Potential β -Globin-Modulating Deubiquitinase. <i>Angewandte Chemie</i> , 2018, 130, 5747-5751.	2.0	14
29	Proteotranscriptomic Measurements of E6-Associated Protein (E6AP) Targets in DU145 Prostate Cancer Cells. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 1170-1183.	3.8	13
30	TRIM25 and DEAD-Box RNA Helicase DDX3X Cooperate to Regulate RIG-I-Mediated Antiviral Immunity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9094.	4.1	9
31	N-terminal domain of <i>Bothrops asper</i> Myotoxin II Enhances the Activity of Endothelin Converting Enzyme-1 and Nephilysin. <i>Scientific Reports</i> , 2016, 6, 22413.	3.3	8
32	Studying Protein Ubiquitylation in Yeast. <i>Methods in Molecular Biology</i> , 2016, 1449, 117-142.	0.9	8
33	Biosimetric transcriptional and proteomic changes are conserved in irradiated human tissue. <i>Radiation and Environmental Biophysics</i> , 2018, 57, 241-249.	1.4	8
34	A novel recognition site for polyubiquitin and ubiquitin-like signals in an unexpected region of proteasomal subunit Rpn1. <i>Journal of Biological Chemistry</i> , 2021, 297, 101052.	3.4	8
35	Physicochemical properties that control protein aggregation also determine whether a protein is retained or released from necrotic cells. <i>Open Biology</i> , 2016, 6, 160098.	3.6	7
36	Remodeling Membrane Binding by Mono-Ubiquitylation. <i>Biomolecules</i> , 2019, 9, 325.	4.0	7

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37	Changes in protein abundance are observed in bacterial isolates from a natural host. <i>Frontiers in Cellular and Infection Microbiology</i> , 2015, 5, 71.	3.9	6
38	Auxiliary ATP binding sites support DNA unwinding by RecBCD. <i>Nature Communications</i> , 2022, 13, 1806.	12.8	5
39	Global ubiquitinome profiling identifies NEDD4 as a regulator of Profilin 1 and actin remodelling in neural crest cells. <i>Nature Communications</i> , 2022, 13, 2018.	12.8	4
40	Dynamic structure and localization of G protein-coupled receptor (GPCR) complexes determines unique signalling outcomes. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-8-9.	0.0	0