

Hiroko Kozuka-Hata

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

87
papers

3,036
citations

33
h-index

54
g-index

89
ext. papers

3,612
ext. citations

8
avg, IF

4.64
L-index

#	Paper	IF	Citations
87	Unc93B1 biases Toll-like receptor responses to nucleic acid in dendritic cells toward DNA- but against RNA-sensing. <i>Journal of Experimental Medicine</i> , 2009 , 206, 1339-50	16.6	263
86	Influenza virus-host interactome screen as a platform for antiviral drug development. <i>Cell Host and Microbe</i> , 2014 , 16, 795-805	23.4	188
85	FBXL21 regulates oscillation of the circadian clock through ubiquitination and stabilization of cryptochromes. <i>Cell</i> , 2013 , 152, 1106-18	56.2	180
84	Extremotolerant tardigrade genome and improved radiotolerance of human cultured cells by tardigrade-unique protein. <i>Nature Communications</i> , 2016 , 7, 12808	17.4	160
83	Non-muscle myosin IIA is a functional entry receptor for herpes simplex virus-1. <i>Nature</i> , 2010 , 467, 859-63	30.4	158
82	Direct interaction of Plk4 with STIL ensures formation of a single procentriole per parental centriole. <i>Nature Communications</i> , 2014 , 5, 5267	17.4	157
81	Long noncoding RNA UPAT promotes colon tumorigenesis by inhibiting degradation of UHRF1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 1273-8	11.5	101
80	The initial phase of chromosome condensation requires Cdk1-mediated phosphorylation of the CAP-D3 subunit of condensin II. <i>Genes and Development</i> , 2011 , 25, 863-74	12.6	97
79	Tks5-dependent formation of circumferential podosomes mediates cell-cell fusion. <i>Arthritis Research and Therapy</i> , 2012 , 14,	5.7	78
78	5-Hydroxymethylcytosine plays a critical role in glioblastomagenesis by recruiting the CHTOP-methylosome complex. <i>Cell Reports</i> , 2014 , 9, 48-60	10.6	77
77	Tks5-dependent formation of circumferential podosomes/invadopodia mediates cell-cell fusion. <i>Journal of Cell Biology</i> , 2012 , 197, 553-68	7.3	76
76	Diversity of translation start sites may define increased complexity of the human short ORFeome. <i>Molecular and Cellular Proteomics</i> , 2007 , 6, 1000-6	7.6	72
75	Rice-based oral antibody fragment prophylaxis and therapy against rotavirus infection. <i>Journal of Clinical Investigation</i> , 2013 , 123, 3829-38	15.9	60
74	Proteomic analysis of the royal jelly and characterization of the functions of its derivation glands in the honeybee. <i>Journal of Proteome Research</i> , 2013 , 12, 404-11	5.6	59
73	Induction of toxin-specific neutralizing immunity by molecularly uniform rice-based oral cholera toxin B subunit vaccine without plant-associated sugar modification. <i>Plant Biotechnology Journal</i> , 2013 , 11, 799-808	11.6	55
72	Mutant ASXL1 cooperates with BAP1 to promote myeloid leukaemogenesis. <i>Nature Communications</i> , 2018 , 9, 2733	17.4	54
71	Temporal perturbation of tyrosine phosphoproteome dynamics reveals the system-wide regulatory networks. <i>Molecular and Cellular Proteomics</i> , 2009 , 8, 226-31	7.6	51

70	Proteomic analysis of multiple primary cilia reveals a novel mode of ciliary development in mammals. <i>Biology Open</i> , 2012 , 1, 815-25	2.2	50
69	F1Fo-ATPase, F-type proton-translocating ATPase, at the plasma membrane is critical for efficient influenza virus budding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 4615-20	11.5	46
68	TLR7 mediated viral recognition results in focal type I interferon secretion by dendritic cells. <i>Nature Communications</i> , 2017 , 8, 1592	17.4	45
67	Role of Host Cell p32 in Herpes Simplex Virus 1 De-Envelopment during Viral Nuclear Egress. <i>Journal of Virology</i> , 2015 , 89, 8982-98	6.6	44
66	Roles of p53 in herpes simplex virus 1 replication. <i>Journal of Virology</i> , 2013 , 87, 9323-32	6.6	44
65	Role of herpes simplex virus 1 immediate early protein ICP22 in viral nuclear egress. <i>Journal of Virology</i> , 2014 , 88, 7445-54	6.6	42
64	Mapping ultra-weak protein-protein interactions between heme transporters of <i>Staphylococcus aureus</i> . <i>Journal of Biological Chemistry</i> , 2012 , 287, 16477-87	5.4	42
63	Involvement of A20 in the molecular switch that activates the non-canonical NF- κ B pathway. <i>Scientific Reports</i> , 2013 , 3, 2568	4.9	41
62	p47 negatively regulates IKK activation by inducing the lysosomal degradation of polyubiquitinated NEMO. <i>Nature Communications</i> , 2012 , 3, 1061	17.4	40
61	Genetic incorporation of a photo-crosslinkable amino acid reveals novel protein complexes with GRB2 in mammalian cells. <i>Journal of Molecular Biology</i> , 2011 , 406, 343-53	6.5	40
60	Attenuated CagA oncoprotein in <i>Helicobacter pylori</i> from Amerindians in Peruvian Amazon. <i>Journal of Biological Chemistry</i> , 2011 , 286, 29964-72	5.4	39
59	Integrated quantitative analysis of the phosphoproteome and transcriptome in tamoxifen-resistant breast cancer. <i>Journal of Biological Chemistry</i> , 2011 , 286, 818-29	5.4	37
58	Hypoxia-inducible factor 1 regulation through cross talk between mTOR and MT1-MMP. <i>Molecular and Cellular Biology</i> , 2014 , 34, 30-42	4.8	35
57	Phosphorylation of measles virus nucleoprotein upregulates the transcriptional activity of minigenomic RNA. <i>Proteomics</i> , 2008 , 8, 1871-9	4.8	35
56	A novel ASXL1-OGT axis plays roles in H3K4 methylation and tumor suppression in myeloid malignancies. <i>Leukemia</i> , 2018 , 32, 1327-1337	10.7	33
55	Identification of three new autoantibodies associated with systemic lupus erythematosus using two proteomic approaches. <i>Molecular and Cellular Proteomics</i> , 2011 , 10, M110.005330	7.6	33
54	N-Terminal Acetylation by NatB Is Required for the Shutoff Activity of Influenza A Virus PA-X. <i>Cell Reports</i> , 2018 , 24, 851-860	10.6	29
53	Focal adhesion kinase regulates laminin-induced oligodendroglial process outgrowth. <i>Genes To Cells</i> , 2007 , 12, 1245-54	2.3	29

52	Herpes simplex virus 1 protein kinase Us3 phosphorylates viral dUTPase and regulates its catalytic activity in infected cells. <i>Journal of Virology</i> , 2014 , 88, 655-66	6.6	28
51	Herpes Simplex Virus 1 Recruits CD98 Heavy Chain and β Integrin to the Nuclear Membrane for Viral De-Envelopment. <i>Journal of Virology</i> , 2015 , 89, 7799-812	6.6	27
50	Phosphoproteome of human glioblastoma initiating cells reveals novel signaling regulators encoded by the transcriptome. <i>PLoS ONE</i> , 2012 , 7, e43398	3.7	26
49	Proteome of acidic phospholipid-binding proteins: spatial and temporal regulation of Coronin 1A by phosphoinositides. <i>Journal of Biological Chemistry</i> , 2010 , 285, 6781-9	5.4	26
48	DNA topoisomerase 1 facilitates the transcription and replication of the Ebola virus genome. <i>Journal of Virology</i> , 2013 , 87, 8862-9	6.6	25
47	MucoRice-cholera toxin B-subunit, a rice-based oral cholera vaccine, down-regulates the expression of α -amylase/trypsin inhibitor-like protein family as major rice allergens. <i>Journal of Proteome Research</i> , 2013 , 12, 3372-82	5.6	20
46	AYUMS: an algorithm for completely automatic quantitation based on LC-MS/MS proteome data and its application to the analysis of signal transduction. <i>BMC Bioinformatics</i> , 2007 , 8, 15	3.6	18
45	Identification of BCAP-(L) as a negative regulator of the TLR signaling-induced production of IL-6 and IL-10 in macrophages by tyrosine phosphoproteomics. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 400, 265-70	3.4	17
44	Determination of a phosphorylation site in Nipah virus nucleoprotein and its involvement in virus transcription. <i>Journal of General Virology</i> , 2011 , 92, 2133-2141	4.9	17
43	Roles of the Phosphorylation of Herpes Simplex Virus 1 UL51 at a Specific Site in Viral Replication and Pathogenicity. <i>Journal of Virology</i> , 2018 , 92,	6.6	15
42	Quantitative phosphoproteomics-based molecular network description for high-resolution kinase-substrate interactome analysis. <i>Bioinformatics</i> , 2016 , 32, 2083-8	7.2	15
41	Scaffold Protein Ahk1, Which Associates with Hkr1, Sho1, Ste11, and Pbs2, Inhibits Cross Talk Signaling from the Hkr1 Osmosensor to the Kss1 Mitogen-Activated Protein Kinase. <i>Molecular and Cellular Biology</i> , 2016 , 36, 1109-23	4.8	14
40	Functional analysis of the honeybee (<i>Apis mellifera</i> L.) salivary system using proteomics. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 397, 740-4	3.4	14
39	USP7 and TDP-43: Pleiotropic Regulation of Cryptochrome Protein Stability Paces the Oscillation of the Mammalian Circadian Clock. <i>PLoS ONE</i> , 2016 , 11, e0154263	3.7	14
38	Integrative Network Analysis Combined with Quantitative Phosphoproteomics Reveals Transforming Growth Factor-beta Receptor type-2 (TGFB2) as a Novel Regulator of Glioblastoma Stem Cell Properties. <i>Molecular and Cellular Proteomics</i> , 2016 , 15, 1017-31	7.6	13
37	Phosphoproteomics-based modeling defines the regulatory mechanism underlying aberrant EGFR signaling. <i>PLoS ONE</i> , 2010 , 5, e13926	3.7	13
36	Osmostress enhances activating phosphorylation of Hog1 MAP kinase by mono-phosphorylated Pbs2 MAP2K. <i>EMBO Journal</i> , 2020 , 39, e103444	13	13
35	A widespread family of heat-resistant obscure (Hero) proteins protect against protein instability and aggregation. <i>PLoS Biology</i> , 2020 , 18, e3000632	9.7	12

34	Contribution of Sec61 to the life cycle of Ebola virus. <i>Journal of Infectious Diseases</i> , 2011 , 204 Suppl 3, S919-26	7	12
33	Cellular Transcriptional Coactivator RanBP10 and Herpes Simplex Virus 1 ICP0 Interact and Synergistically Promote Viral Gene Expression and Replication. <i>Journal of Virology</i> , 2016 , 90, 3173-86	6.6	11
32	The cancer stem cell marker CD133 interacts with plakoglobin and controls desmoglein-2 protein levels. <i>PLoS ONE</i> , 2013 , 8, e53710	3.7	10
31	Newly identified minor phosphorylation site threonine-279 of measles virus nucleoprotein is a prerequisite for nucleocapsid formation. <i>Journal of Virology</i> , 2014 , 88, 1140-9	6.6	9
30	The UL12 protein of herpes simplex virus 1 is regulated by tyrosine phosphorylation. <i>Journal of Virology</i> , 2014 , 88, 10624-34	6.6	8
29	Lysosomal targeting of SIDT2 via multiple Yxx motifs is required for SIDT2 function in the process of RNautophagy. <i>Journal of Cell Science</i> , 2017 , 130, 2843-2853	5.3	8
28	Comprehensive Identification of Nuclear and Cytoplasmic TNRC6A-Associating Proteins. <i>Journal of Molecular Biology</i> , 2017 , 429, 3319-3333	6.5	6
27	System-Wide Analysis of Protein Acetylation and Ubiquitination Reveals a Diversified Regulation in Human Cancer Cells. <i>Biomolecules</i> , 2020 , 10,	5.9	6
26	Phosphoproteomics-based systems analysis of signal transduction networks. <i>Frontiers in Physiology</i> , 2011 , 2, 113	4.6	6
25	Prohibitin-1 Contributes to Cell-to-Cell Transmission of Herpes Simplex Virus 1 via the MAPK/ERK Signaling Pathway. <i>Journal of Virology</i> , 2021 , 95,	6.6	6
24	Function of the Herpes Simplex Virus 1 Small Capsid Protein VP26 Is Regulated by Phosphorylation at a Specific Site. <i>Journal of Virology</i> , 2015 , 89, 6141-7	6.6	5
23	Ubiquitin-specific protease 9X in host cells interacts with herpes simplex virus 1 ICP0. <i>Journal of Veterinary Medical Science</i> , 2016 , 78, 405-10	1.1	5
22	A High-Resolution Map of SBP1 Interactomes in Plasmodium falciparum-infected Erythrocytes. <i>IScience</i> , 2019 , 19, 703-714	6.1	4
21	CADM1 suppresses c-Src activation by binding with Cbp on membrane lipid rafts and intervenes colon carcinogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 529, 854-860	3.4	4
20	Discovery of a Vertebrate-Specific Factor that Processes Flagellar Glycolytic Enolase during Motile Ciliogenesis. <i>IScience</i> , 2020 , 23, 100992	6.1	4
19	Differential analyses of major allergen proteins in wild-type rice and rice producing a fragment of anti-rotavirus antibody. <i>Regulatory Toxicology and Pharmacology</i> , 2016 , 76, 128-36	3.4	3
18	Regulation of Herpes Simplex Virus 2 Protein Kinase UL13 by Phosphorylation and Its Role in Viral Pathogenesis. <i>Journal of Virology</i> , 2018 , 92,	6.6	3
17	Shotgun proteomics deciphered age/division of labor-related functional specification of three honeybee (<i>Apis mellifera</i> L.) exocrine glands. <i>PLoS ONE</i> , 2018 , 13, e0191344	3.7	2

16	Interactome analysis of herpes simplex virus 1 envelope glycoprotein H. <i>Microbiology and Immunology</i> , 2015 , 59, 331-7	2.7	2
15	Monoubiquitination of Tob/BTG family proteins competes with degradation-targeting polyubiquitination. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 409, 70-4	3.4	2
14	The cDNA cloning of the hamster homologue of the human L6 gene. <i>Gene</i> , 1996 , 168, 273-4	3.8	2
13	Identification of Proteolytic Cleavage Sites of EphA2 by Membrane Type 1 Matrix Metalloproteinase on the Surface of Cancer Cells. <i>Methods in Molecular Biology</i> , 2018 , 1731, 29-37	1.4	0
12	Comparative whole-genome and proteomics analyses of the next seed bank and the original master seed bank of MucoRice-CTB 51A line, a rice-based oral cholera vaccine. <i>BMC Genomics</i> , 2021 , 22, 59	4.5	0
11	Role of the Orphan Transporter SLC35E1 in the Nuclear Egress of Herpes Simplex Virus 1.. <i>Journal of Virology</i> , 2022 , e0030622	6.6	0
10	Leukemogenic Functions of Mutant ASXL1 Are Regulated By CDK-Mediated Phosphorylation. <i>Blood</i> , 2019 , 134, 731-731	2.2	
9	Role for Protein Kinase CK2 on Cell Proliferation: Assessing CK2 Complex Components in the Nucleus During the Cell Cycle Progression 2015 , 197-226		
8	Phosphoproteomics-Based Network Analysis of Cancer Cell Signaling Systems 2015 , 3-15		
7	Integrative Network Analysis of Cancer Cell Signaling by High-Resolution Proteomics. <i>Springer Proceedings in Mathematics and Statistics</i> , 2021 , 274-282	0.2	
6	A widespread family of heat-resistant obscure (Hero) proteins protect against protein instability and aggregation 2020 , 18, e3000632		
5	A widespread family of heat-resistant obscure (Hero) proteins protect against protein instability and aggregation 2020 , 18, e3000632		
4	A widespread family of heat-resistant obscure (Hero) proteins protect against protein instability and aggregation 2020 , 18, e3000632		
3	A widespread family of heat-resistant obscure (Hero) proteins protect against protein instability and aggregation 2020 , 18, e3000632		
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1	A widespread family of heat-resistant obscure (Hero) proteins protect against protein instability and aggregation 2020 , 18, e3000632		