Shigetsugu Hatakeyama

List of Publications by Year
in descending order

126	13,312	28274	22166
papers	citations	55 h-index	113 g-index

127	127	127	16257
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Autophagy promotes citrullination of VIM (vimentin) and its interaction with major histocompatibility complex class II in synovial fibroblasts. Autophagy, 2020, 16, 946-955.	9.1	26
2	A substrate-trapping strategy to find E3 ubiquitin ligase substrates identifies Parkin and TRIM28 targets. Communications Biology, 2020, 3, 592.	4.4	21
3	RNA Sensing by Gut Piezo1 Is Essential for Systemic Serotonin Synthesis. Cell, 2020, 182, 609-624.e21.	28.9	74
4	The role of Mediator and Little Elongation Complex in transcription termination. Nature Communications, 2020, 11, 1063.	12.8	21
5	TRIM59 Promotes Gliomagenesis by Inhibiting TC45 Dephosphorylation of STAT3. Cancer Research, 2018, 78, 1792-1804.	0.9	48
6	Mutations in bassoon in individuals with familial and sporadic progressive supranuclear palsy-like syndrome. Scientific Reports, 2018, 8, 819.	3.3	26
7	Anti-Sez6l2 antibody detected in a patient with immune-mediated cerebellar ataxia inhibits complex formation of GluR1 and Sez6l2. Journal of Neurology, 2018, 265, 962-965.	3.6	16
8	Loss of TRIM29 Alters Keratin Distribution to Promote Cell Invasion in Squamous Cell Carcinoma. Cancer Research, 2018, 78, 6795-6806.	0.9	38
9	Brain-Derived Neurotrophic Factor Improves Limited Exercise Capacity in Mice With Heart Failure. Circulation, 2018, 138, 2064-2066.	1.6	32
10	Regulation of intestinal homeostasis by the ulcerative colitis-associated gene RNF186. Mucosal Immunology, 2017, 10, 446-459.	6.0	55
11	TRIM Family Proteins: Roles in Autophagy, Immunity, and Carcinogenesis. Trends in Biochemical Sciences, 2017, 42, 297-311.	7.5	586
12	Leukemogenic kinase <scp>FIP</scp>1L1â€<scp>PDGFRA</scp> and a small ubiquitinâ€like modifier E3 ligase, <scp>PIAS</scp>1, form a positive crossâ€talk through their enzymatic activities. Cancer Science, 2017, 108, 200-207.	3.9	4
13	Fine-tuning of thymocyte development by ubiquitination-mediated stability control of the ESCRT protein CHMP5. Cellular and Molecular Immunology, 2017, 14, 957-959.	10.5	2
14	Sez6l2 regulates phosphorylation of ADD and neuritogenesis. Biochemical and Biophysical Research Communications, 2017, 494, 234-241.	2.1	24
15	TRIM proteins and diseases. Journal of Biochemistry, 2017, 161, mvw087.	1.7	122
16	TRIM39 negatively regulates the NFÎºB-mediated signaling pathway through stabilization of Cactin. Cellular and Molecular Life Sciences, 2016, 73, 1085-1101.	5.4	52
17	p53 represses the transcription of snRNA genes by preventing the formation of little elongation complex. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 975-982.	1.9	3
18	The novel heart-specific RING finger protein 207 is involved in energy metabolism in cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2016, 100, 43-53.	1.9	16

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19	Early evidence for the role of TRIM29 in multiple cancer models. Expert Opinion on Therapeutic Targets, 2016, 20, 767-770.	3.4	28
20	Role of apolipoprotein B100 and oxidized low-density lipoprotein in the monocyte tissue factor induction mediated by anti-Î²2 glycoprotein I antibodies. Lupus, 2016, 25, 1288-1298.	1.6	7
21	Ribophorin II is involved in the tissue factor expression mediated by phosphatidylserine-dependent antiprothrombin antibody on monocytes. Rheumatology, 2016, 55, 1117-1126.	1.9	2
22	Oxidative Stress Regulates IL-4 Gene Expression in Mast Cells through the Reduction of Histone Deacetylase. Otolaryngology - Head and Neck Surgery, 2015, 152, 48-52.	1.9	7
23	Siglec-15 is a potential therapeutic target for postmenopausal osteoporosis. Bone, 2015, 71, 217-226.	2.9	46
24	MED26 regulates the transcription of snRNA genes through the recruitment of little elongation complex. Nature Communications, 2015, 6, 5941.	12.8	42
25	The TRIM-FLMN protein TRIM45 directly interacts with RACK1 and negatively regulates PKC-mediated signaling pathway. Oncogene, 2015, 34, 1280-1291.	5.9	31
26	TRIM29 regulates the p63-mediated pathway in cervical cancer cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 2296-2305.	4.1	17
27	TRIM29 regulates the assembly of DNA repair proteins into damaged chromatin. Nature Communications, 2015, 6, 7299.	12.8	45
28	Molecular Role of RNF43 in Canonical and Noncanonical Wnt Signaling. Molecular and Cellular Biology, 2015, 35, 2007-2023.	2.3	71
29	Identification of anti-Sez6l2 antibody in a patient with cerebellar ataxia and retinopathy. Journal of Neurology, 2014, 261, 224-226.	3.6	33
30	TRIM29 Suppresses TWIST1 and Invasive Breast Cancer Behavior. Cancer Research, 2014, 74, 4875-4887.	0.9	73
31	Pathology of frontotemporal dementia with limb girdle muscular dystrophy caused by a DNAJB6 mutation. Clinical Neurology and Neurosurgery, 2014, 127, 10-12.	1.4	9
32	TRIM29 as a novel prostate basal cell marker for diagnosis of prostate cancer. Acta Histochemica, 2014, 116, 708-712.	1.8	43
33	Siglec-15 Regulates Osteoclast Differentiation by Modulating RANKL-Induced Phosphatidylinositol 3-Kinase/Akt and Erk Pathways in Association With Signaling Adaptor DAP12. Journal of Bone and Mineral Research, 2013, 28, 2463-2475.	2.8	100
34	Activation of Double-stranded RNA-activated Protein Kinase (PKR) by Interferon-stimulated Gene 15 (ISG15) Modification Down-regulates Protein Translation. Journal of Biological Chemistry, 2013, 288, 2839-2847.	3.4	81
35	14-3-3 proteins sequester a pool of soluble TRIM32 ubiquitin ligase to repress autoubiquitination and cytoplasmic body formation. Journal of Cell Science, 2013, 126, 2014-26.	2.0	33
36	Ubiquitin-mediated regulation of JAK-STAT signaling in embryonic stem cells. Jak-stat, 2012, 1, 168-175.	2.2	20

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37	TRIM67 Protein Negatively Regulates Ras Activity through Degradation of 80K-H and Induces Neuritogenesis. Journal of Biological Chemistry, 2012, 287, 12050-12059.	3.4	45
38	TRIM6 interacts with c-Myc and maintains pluripotency of mouse embryonal stem cells. Journal of Cell Science, 2012, 125, 1544-55.	2.0	35
39	TRIM32 promotes retinoic acid receptor Î±-mediated differentiation in human promyelogenous leukemic cell line HL60. Biochemical and Biophysical Research Communications, 2012, 417, 594-600.	2.1	16
40	TRIM59 interacts with ECSIT and negatively regulates NF-ÎºB and IRF-3/7-mediated signal pathways. Biochemical and Biophysical Research Communications, 2012, 422, 501-507.	2.1	75
41	TRIM45 negatively regulates NF-ÎºB-mediated transcription and suppresses cell proliferation. Biochemical and Biophysical Research Communications, 2012, 423, 104-109.	2.1	40
42	RNF43 interacts with NEDL1 and regulates p53-mediated transcription. Biochemical and Biophysical Research Communications, 2011, 404, 143-147.	2.1	52
43	UBE4B promotes Hdm2-mediated degradation of the tumor suppressor p53. Nature Medicine, 2011, 17, 347-355.	30.7	103
44	TRIM proteins and cancer. Nature Reviews Cancer, 2011, 11, 792-804.	28.4	641
45	Plasma gelsolin facilitates interaction between Î²₂ glycoprotein I and Î±₅Î²₁ integrin. Journal of Cellular and Molecular Medicine, 2011, 15, 141-151.	3.6	25
46	TRIM29 negatively regulates p53 via inhibition of Tip60. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 1245-1253.	4.1	76
47	TRIM8 regulates Nanog via Hsp90Î²-mediated nuclear translocation of STAT3 in embryonic stem cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 1784-1792.	4.1	31
48	MDA-9/syntenin interacts with ubiquitin via a novel ubiquitin-binding motif. Molecular and Cellular Biochemistry, 2011, 352, 163-172.	3.1	19
49	TRIM32 promotes neural differentiation through retinoic acid receptor-mediated transcription. Journal of Cell Science, 2011, 124, 3492-3502.	2.0	51
50	TRIM40 promotes neddylation of IKKÂ and is downregulated in gastrointestinal cancers. Carcinogenesis, 2011, 32, 995-1004.	2.8	91
51	Molecular Basis for the Association of Human E4B U Box Ubiquitin Ligase with E2-Conjugating Enzymes UbcH5c and Ubc4. Structure, 2010, 18, 955-965.	3.3	45
52	TRIM8 modulates STAT3 activity through negative regulation of PIAS3. Journal of Cell Science, 2010, 123, 2238-2245.	2.0	77
53	Direct binding of TRAF2 and TRAF6 to TICAM-1/TRIF adaptor participates in activation of the Toll-like receptor 3/4 pathway. Molecular Immunology, 2010, 47, 1283-1291.	2.2	80
54	Expression of recombinant sea urchin cellulase SnEG54 using mammalian cell lines. Biochemical and Biophysical Research Communications, 2010, 395, 352-355.	2.1	4

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55	Riplet/RNF135, a RING Finger Protein, Ubiquitinates RIG-I to Promote Interferon-Î² Induction during the Early Phase of Viral Infection. Journal of Biological Chemistry, 2009, 284, 807-817.	3.4	308
56	TRIM24 mediates ligand-dependent activation of androgen receptor and is repressed by a bromodomain-containing protein, BRD7, in prostate cancer cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 1828-1836.	4.1	83
57	Largeâ€scale proteomic analysis of tyrosineâ€phosphorylation induced by Tâ€cell receptor or Bâ€cell receptor activation reveals new signaling pathways. Proteomics, 2009, 9, 3549-3563.	2.2	49
58	Human synovial sarcoma proto-oncogene Syt is essential for early embryonic development through the regulation of cell migration. Laboratory Investigation, 2009, 89, 645-656.	3.7	10
59	Ubiquitin-Conjugating Enzyme UBE2Q2 Suppresses Cell Proliferation and Is Down-Regulated in Recurrent Head and Neck Cancer. Molecular Cancer Research, 2009, 7, 1553-1562.	3.4	14
60	The E3 Ligase TTC3 Facilitates Ubiquitination and Degradation of Phosphorylated Akt. Developmental Cell, 2009, 17, 800-810.	7.0	129
61	Inhibition of NF-ÎºB signaling via tyrosine phosphorylation of Ymer. Biochemical and Biophysical Research Communications, 2009, 378, 744-749.	2.1	17
62	TRIM36 interacts with the kinetochore protein CENP-H and delays cell cycle progression. Biochemical and Biophysical Research Communications, 2009, 381, 383-387.	2.1	54
63	TRIM31 interacts with p52Shc and inhibits Src-induced anchorage-independent growth. Biochemical and Biophysical Research Communications, 2009, 388, 422-427.	2.1	12
64	ZNRF1 interacts with tubulin and regulates cell morphogenesis. Biochemical and Biophysical Research Communications, 2009, 389, 506-511.	2.1	20
65	Involvement of Ymer in suppression of NF-ÎºB activation by regulated interaction with lysine-63-linked polyubiquitin chain. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 826-837.	4.1	35
66	Ro52 functionally interacts with IgG1 and regulates its quality control via the ERAD system. Molecular Immunology, 2008, 45, 2045-2054.	2.2	30
67	TRIM68 Regulates Ligand-Dependent Transcription of Androgen Receptor in Prostate Cancer Cells. Cancer Research, 2008, 68, 3486-3494.	0.9	53
68	Tripartite Motif Protein 32 Facilitates Cell Growth and Migration via Degradation of Abl-Interactor 2. Cancer Research, 2008, 68, 5572-5580.	0.9	109
69	APS-mediated Ubiquitination of the Insulin Receptor Enhances its Internalization, but does not Induce its Degradation. Endocrine Journal, 2007, 54, 77-88.	1.6	18
70	Ligand-dependent transcription of estrogen receptor Î± is mediated by the ubiquitin ligase EFP. Biochemical and Biophysical Research Communications, 2007, 357, 245-251.	2.1	38
71	Involvement of Rabring7 in EGF receptor degradation as an E3 ligase. Biochemical and Biophysical Research Communications, 2007, 357, 1058-1064.	2.1	38
72	Protection of vincristine-induced neuropathy by WldS expression and the independence of the activity of Nmnat1. Neuroscience Letters, 2007, 411, 228-232.	2.1	24

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73	Establishment of a newly improved detection system for NF-Î³B activity. Immunology Letters, 2007, 109, 175-181.	2.5	11
74	Ubiquitylation of Îµ-COP by PIRH2 and regulation of the secretion of PSA. Molecular and Cellular Biochemistry, 2007, 307, 73-82.	3.1	12
75	Degradation of Tob1 Mediated by SCFSkp2-Dependent Ubiquitination. Cancer Research, 2006, 66, 8477-8483.	0.9	55
76	Elmo1 inhibits ubiquitylation of Dock180. Journal of Cell Science, 2006, 119, 923-932.	2.0	49
77	Large-scale analysis of the human ubiquitin-related proteome. Proteomics, 2005, 5, 4145-4151.	2.2	167
78	Targeted Destruction of c-Myc by an Engineered Ubiquitin Ligase Suppresses Cell Transformation and Tumor Formation. Cancer Research, 2005, 65, 7874-7879.	0.9	58
79	Noncovalent SUMO-1 Binding Activity of Thymine DNA Glycosylase (TDG) Is Required for Its SUMO-1 Modification and Colocalization with the Promyelocytic Leukemia Protein. Journal of Biological Chemistry, 2005, 280, 5611-5621.	3.4	95
80	Mapping of Ubiquitination Sites on Target Proteins. Methods in Enzymology, 2005, 399, 277-286.	1.0	11
81	Mammalian E4 Is Required for Cardiac Development and Maintenance of the Nervous System. Molecular and Cellular Biology, 2005, 25, 10953-10964.	2.3	54
82	Ubiquitylation and Degradation of Serum-inducible Kinase by hVPS18, a RING-H2 Type Ubiquitin Ligase. Journal of Biological Chemistry, 2005, 280, 41619-41627.	3.4	26
83	Cell Surface Expression of CD147/EMMPRIN Is Regulated by Cyclophilin 60. Journal of Biological Chemistry, 2005, 280, 27866-27871.	3.4	66
84	Small Ubiquitin-Like Modifier 1 (SUMO-1) Modification of the Synergy Control Motif of Ad4 Binding Protein/Steroidogenic Factor 1 (Ad4BP/SF-1) Regulates Synergistic Transcription between Ad4BP/SF-1 and Sox9. Molecular Endocrinology, 2004, 18, 2451-2462.	3.7	103
85	AIRE Functions As an E3 Ubiquitin Ligase. Journal of Experimental Medicine, 2004, 199, 167-172.	8.5	130
86	Subcellular Expression of Autoimmune Regulator Is Organized in a Spatiotemporal Manner. Journal of Biological Chemistry, 2004, 279, 33984-33991.	3.4	65
87	Mouse Fbw7/Sel-10/Cdc4 Is Required for Notch Degradation during Vascular Development. Journal of Biological Chemistry, 2004, 279, 9417-9423.	3.4	225
88	Functional Regulation of FEZ1 by the U-box-type Ubiquitin Ligase E4B Contributes to Neuritogenesis. Journal of Biological Chemistry, 2004, 279, 53533-53543.	3.4	56
89	Interaction of U-box-type ubiquitin-protein ligases (E3s) with molecular chaperones. Genes To Cells, 2004, 9, 533-548.	1.2	83
90	CHIP promotes proteasomal degradation of familial ALSâ€linked mutant SOD1 by ubiquitinating Hsp/Hsc70. Journal of Neurochemistry, 2004, 90, 231-244.	3.9	160

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91	Uâ€box protein carboxyl terminus of Hsc70â€interacting protein (CHIP) mediates polyâ€ubiquitylation preferentially on fourâ€repeat Tau and is involved in neurodegeneration of tauopathy. Journal of Neurochemistry, 2004, 91, 299-307.	3.9	116
92	Cytoplasmic ubiquitin ligase KPC regulates proteolysis of p27Kip1 at G1 phase. Nature Cell Biology, 2004, 6, 1229-1235.	10.3	379
93	Molecular clearance of ataxin-3 is regulated by a mammalian E4. EMBO Journal, 2004, 23, 659-669.	7.8	145
94	Phosphorylation-dependent degradation of c-Myc is mediated by the F-box protein Fbw7. EMBO Journal, 2004, 23, 2116-2125.	7.8	683
95	Skp2-Mediated Degradation of p27 Regulates Progression into Mitosis. Developmental Cell, 2004, 6, 661-672.	7.0	333
96	Ubiquitylation as a Quality Control System for Intracellular Proteins. Journal of Biochemistry, 2003, 134, 1-8.	1.7	48
97	Characterization of the mouse gene for the U-box-type ubiquitin ligase UFD2a. Biochemical and Biophysical Research Communications, 2003, 300, 297-304.	2.1	52
98	U-box proteins as a new family of ubiquitin ligases. Biochemical and Biophysical Research Communications, 2003, 302, 635-645.	2.1	212
99	Preferential interaction of TIP120A with Cul1 that is not modified by NEDD8 and not associated with Skp1. Biochemical and Biophysical Research Communications, 2003, 303, 1209-1216.	2.1	55
100	Impaired degradation of inhibitory subunit of NF-ÂB (IÂB) and Â-catenin as a result of targeted disruption of the Â-TrCP1 gene. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 8752-8757.	7.1	106
101	Degradation of p57 ^{Kip2} mediated by SCF ^{Skp2} -dependent ubiquitylation. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 10231-10236.	7.1	266
102	Identification of Developmentally Expressed Proteins That Functionally Interact with Nedd4 Ubiquitin Ligase. Journal of Biological Chemistry, 2002, 277, 2897-2907.	3.4	69
103	Formation of Mallory Body-like Inclusions and Cell Death Induced by Deregulated Expression of Keratin 18. Molecular Biology of the Cell, 2002, 13, 3441-3451.	2.1	24
104	CHIP Is Associated with Parkin, a Gene Responsible for Familial Parkinson's Disease, and Enhances Its Ubiquitin Ligase Activity. Molecular Cell, 2002, 10, 55-67.	9.7	460
105	Increased proliferation of B cells and auto-immunity in mice lacking protein kinase CÎ´. Nature, 2002, 416, 865-869.	27.8	400
106	Regulation of the Cell Cycle at the G1â€“S Transition by Proteolysis of Cyclin E and p27Kip1. Biochemical and Biophysical Research Communications, 2001, 282, 853-860.	2.1	217
107	Characterization of a Mouse Gene (Fbxw6) That Encodes a Homologue of Caenorhabditis elegans SEL-10. Genomics, 2001, 78, 214-222.	2.9	23
108	Spatial and temporal expression patterns of the cyclin-dependent kinase (CDK) inhibitors p27 Kip1 and p57 Kip2 during mouse development. Anatomy and Embryology, 2001, 203, 77-87.	1.5	89

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109	Regulation of the Level of Vesl-1S/Homer-1a Proteins by Ubiquitin-Proteasome Proteolytic Systems. Journal of Biological Chemistry, 2001, 276, 15893-15897.	3.4	46
110	Degradation of p27 at the G0-G1 Transition Mediated by a Skp2-independent Ubiquitination Pathway. Journal of Biological Chemistry, 2001, 276, 48937-48943.	3.4	198
111	U Box Proteins as a New Family of Ubiquitin-Protein Ligases. Journal of Biological Chemistry, 2001, 276, 33111-33120.	3.4	507
112	The SOCS Box of SOCS-1 Accelerates Ubiquitin-dependent Proteolysis of TEL-JAK2. Journal of Biological Chemistry, 2001, 276, 12530-12538.	3.4	279
113	Essential Role of the Prosurvival bcl-2 Homologue A1 in Mast Cell Survival After Allergic Activation. Journal of Experimental Medicine, 2001, 194, 1561-1570.	8.5	95
114	Phosphorylation at Serine 10, a Major Phosphorylation Site of p27 , Increases Its Protein Stability. Journal of Biological Chemistry, 2000, 275, 25146-25154.	3.4	189
115	RING fingers mediate ubiquitin-conjugating enzyme (E2)-dependent ubiquitination. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 11364-11369.	7.1	1,054
116	Down-regulation of p27 by Two Mechanisms, Ubiquitin-mediated Degradation and Proteolytic Processing. Journal of Biological Chemistry, 1999, 274, 13886-13893.	3.4	208
117	Common Pathway for the Ubiquitination of IÎºBÎ±, IÎºBÎ², and IÎºBÎµ Mediated by the F-Box Protein FWD1. Journal of Biological Chemistry, 1999, 274, 28169-28174.	3.4	80
118	Molecular Dissection of the Interactions among IÎºBÎ±, FWD1, and Skp1 Required for Ubiquitin-mediated Proteolysis of IÎºBÎ±. Journal of Biological Chemistry, 1999, 274, 29641-29647.	3.4	37
119	Ubiquitin-dependent degradation of IÂBÂ is mediated by a ubiquitin ligase Skp1/Cul 1/F-box protein FWD1. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 3859-3863.	7.1	192
120	An F-box protein, FWD1, mediates ubiquitin-dependent proteolysis of Î²-catenin. EMBO Journal, 1999, 18, 2401-2410.	7.8	505
121	Structure and Expression of the Gene Encoding Mouse F-Box Protein, Fwd2. Genomics, 1999, 62, 50-58.	2.9	18
122	Multiple gene duplication and expression of mouse bcl-2-related genes, A1. International Immunology, 1998, 10, 631-637.	4.0	69
123	Accelerated Neutrophil Apoptosis in Mice Lacking A1-a, a Subtype of the bcl-2â€“related A1 Gene. Journal of Experimental Medicine, 1998, 188, 1985-1992.	8.5	192
124	Subcellular Localization and Ubiquitin-conjugating Enzyme (E2) Interactions of Mammalian HECT Family Ubiquitin Protein Ligases. Journal of Biological Chemistry, 1997, 272, 15085-15092.	3.4	83
125	Csk overexpression reduces several monokines and nitric oxide productions but enhances prostaglandin E2 production in response to lipopolysaccharide in the macrophage cell line J774A.1. European Journal of Immunology, 1997, 27, 742-749.	2.9	28
126	Functional significance of the Fas molecule in naive lymphocytes. International Immunology, 1996, 8, 423-431.	4.0	27