Satoru Torii

List of Publications by Year in descending order

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Version: 2024-02-01

33 papers	1,985 citations	393982 19 h-index	414034 32 g-index
33 all docs	33 docs citations	33 times ranked	3108 citing authors

#	Article	IF	Citations
1	Sprouty1 and Sprouty2 provide a control mechanism for the Ras/MAPK signalling pathway. Nature Cell Biology, 2002, 4, 850-858.	4.6	503
2	Sef Is a Spatial Regulator for Ras/MAP Kinase Signaling. Developmental Cell, 2004, 7, 33-44.	3.1	260
3	ERK MAP kinase in G1 cell cycle progression and cancer. Cancer Science, 2006, 97, 697-702.	1.7	217
4	Shp2, an SH2-containing Protein-tyrosine Phosphatase, Positively Regulates Receptor Tyrosine Kinase Signaling by Dephosphorylating and Inactivating the Inhibitor Sprouty. Journal of Biological Chemistry, 2004, 279, 22992-22995.	1.6	143
5	Regulatory Mechanisms and Function of ERK MAP Kinases. Journal of Biochemistry, 2004, 136, 557-561.	0.9	112
6	Live Cell Imaging of Mitochondrial Autophagy with a Novel Fluorescent Small Molecule. ACS Chemical Biology, 2017, 12, 2546-2551.	1.6	87
7	Control of MAP kinase signaling to the nucleus. Chromosoma, 2005, 114, 86-91.	1.0	78
8	Identification of PPM1D as an essential Ulk1 phosphatase for genotoxic stressâ€induced autophagy. EMBO Reports, 2016, 17, 1552-1564.	2.0	77
9	Role of cyclooxygenase-2-mediated prostaglandin E2-prostaglandin E receptor 4 signaling in cardiac reprogramming. Nature Communications, 2019, 10, 674.	5.8	74
10	Identification of a phosphorylation site on Ulk1 required for genotoxic stress-induced alternative autophagy. Nature Communications, 2020, 11, 1754.	5.8	46
11	Role of the intracellular localization of HIF-prolyl hydroxylases. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 792-797.	1.9	36
12	Autophagy controls centrosome number by degrading Cep63. Nature Communications, 2016, 7, 13508.	5.8	34
13	Dram1 regulates DNA damage-induced alternative autophagy. Cell Stress, 2018, 2, 55-65.	1.4	33
14	Wipi3 is essential for alternative autophagy and its loss causes neurodegeneration. Nature Communications, 2020, 11, 5311.	5.8	30
15	Magnesium Deficiency Causes Loss of Response to Intermittent Hypoxia in Paraganglion Cells. Journal of Biological Chemistry, 2009, 284, 19077-19089.	1.6	28
16	ER-resident sensor PERK is essential for mitochondrial thermogenesis in brown adipose tissue. Life Science Alliance, 2020, 3, e201900576.	1.3	27
17	PHD1 interacts with ATF4 and negatively regulates its transcriptional activity without prolyl hydroxylation. Experimental Cell Research, 2011, 317, 2789-2799.	1.2	26
18	Loose interaction between glyceraldehydeâ€3â€phosphate dehydrogenase and phosphoglycerate kinase revealed by fluorescence resonance energy transferâ€“fluorescence lifetime imaging microscopy in living cells. FEBS Journal, 2010, 277, 1310-1318.	2.2	24

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19	Cyclic AMP Represses the Hypoxic Induction of Hypoxia-inducible Factors in PC12 Cells. Journal of Biochemistry, 2009, 146, 839-844.	0.9	23
20	Homeostatic p62 levels and inclusion body formation in CHCHD2 knockout mice. Human Molecular Genetics, 2021, 30, 443-453.	1.4	21
21	Tumour necrosis factor-Î± suppresses the hypoxic response by NF-Î°B-dependent induction of inhibitory PAS domain protein in PC12 cells. Journal of Biochemistry, 2011, 150, 311-318.	0.9	17
22	Association Between Atg5-independent Alternative Autophagy and Neurodegenerative Diseases. Journal of Molecular Biology, 2020, 432, 2622-2632.	2.0	17
23	Inhibitory effect of extracellular histidine on cobalt-induced HIF-1Î± expression. Journal of Biochemistry, 2011, 149, 171-176.	0.9	15
24	Nucleocytoplasmic shuttling of IPAS by its unique nuclear import and export signals unshared with other HIF-3Î± splice variants. Journal of Biochemistry, 2013, 154, 561-567.	0.9	10
25	Receptorâ€‹Interacting Protein Kinase 3 (RIPK3) inhibits autophagic flux during necroptosis in intestinal epithelial cells. FEBS Letters, 2020, 594, 1586-1595.	1.3	10
26	Autophagy involvement in oncogenesis. Cancer Science, 2020, 111, 3993-3999.	1.7	8
27	Mitochondrial E3 Ubiquitin Ligase Parkin: Relationships with Other Causal Proteins in Familial Parkinsonâ€™s Disease and Its Substrate-Involved Mouse Experimental Models. International Journal of Molecular Sciences, 2020, 21, 1202.	1.8	8
28	Increase in proapoptotic activity of inhibitory <scp>PAS</scp> domain protein via phosphorylation by <scp>MK</scp>2. FEBS Journal, 2017, 284, 4115-4127.	2.2	6
29	Involvement of phosphorylation of ULK1 in alternative autophagy. Autophagy, 2020, 16, 1532-1533.	4.3	6
30	Transactivation activity of LBPâ€‹1 proteins and their dimerization in living cells. Genes To Cells, 2009, 14, 1183-1196.	0.5	5
31	CrkL is a novel target of Sprouty2 in fibroblast growth factor signaling. Genes To Cells, 2010, 15, 161-168.	0.5	3
32	Monitoring of Atg5-Independent Mitophagy. Methods in Molecular Biology, 2017, 1759, 125-132.	0.4	1
33	Direct proteinâ€“protein interaction between Npas4 and IPAS mutually inhibits their critical roles in neuronal cell survival and death. Cell Death Discovery, 2021, 7, 300.	2.0	0