Akiko Hata

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8992700/publications.pdf

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25	3,172	566801	713013
papers	citations	15 h-index	21 g-index

26	26	26	5439
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	SMAD proteins control DROSHA-mediated microRNA maturation. Nature, 2008, 454, 56-61.	13.7	1,196
2	TGF-Î² Signaling from Receptors to Smads. Cold Spring Harbor Perspectives in Biology, 2016, 8, a022061.	2.3	578
3	Smad Proteins Bind a Conserved RNA Sequence to Promote MicroRNA Maturation by Drosha. Molecular Cell, 2010, 39, 373-384.	4.5	351
4	Dysregulation of microRNA biogenesis and gene silencing in cancer. Science Signaling, 2015, 8, re3.	1.6	193
5	Targeting BMP signalling in cardiovascular disease and anaemia. Nature Reviews Cardiology, 2016, 13, 106-120.	6.1	193
6	Role of microRNAs in Lung Development and Pulmonary Diseases. Pulmonary Circulation, 2013, 3, 315-328.	0.8	142
7	Functions of MicroRNAs in Cardiovascular Biology and Disease. Annual Review of Physiology, 2013, 75, 69-93.	5.6	140
8	The role of TGF-β superfamily signaling in neurological disorders. Acta Biochimica Et Biophysica Sinica, 2018, 50, 106-120.	0.9	76
9	Augmented noncanonical BMP type II receptor signaling mediates the synaptic abnormality of fragile X syndrome. Science Signaling, 2016, 9, ra58.	1.6	49
10	Suppression of C9orf72 RNA repeat-induced neurotoxicity by the ALS-associated RNA-binding protein Zfp106. ELife, 2017, 6, .	2.8	44
11	Downâ€Regulation of miRâ€96 by Bone Morphogenetic Protein Signaling is Critical for Vascular Smooth Muscle Cell Phenotype Modulation. Journal of Cellular Biochemistry, 2014, 115, 889-895.	1.2	39
12	Hyperactive locomotion in a Drosophila model is a functional readout for the synaptic abnormalities underlying fragile X syndrome. Science Signaling, 2017, 10, .	1.6	33
13	Acetylation of p53 stimulates miRNA processing and determines cell survival following genotoxic stress. EMBO Journal, 2013, 32, 3192-3205.	3.5	32
14	Inactivating mutations in Drosha mediate vascular abnormalities similar to hereditary hemorrhagic telangiectasia. Science Signaling, 2018, 11, .	1.6	23
15	Functions of the bone morphogenetic protein signaling pathway through microRNAs (Review). International Journal of Molecular Medicine, 2015, 35, 563-568.	1.8	22
16	Structural basis for ALK2/BMPR2 receptor complex signaling through kinase domain oligomerization. Nature Communications, 2021, 12, 4950.	5.8	15
17	Let-7 microRNA-dependent control of leukotriene signaling regulates the transition of hematopoietic niche in mice. Nature Communications, 2017, 8, 128.	5.8	14
18	Bone morphogenetic protein signaling is required for RAD51-mediated maintenance of genome integrity in vascular endothelial cells. Communications Biology, 2018, 1, 149.	2.0	14

#	Article	IF	Citations
19	Deregulation of Drosha in the pathogenesis of hereditary hemorrhagic telangiectasia. Current Opinion in Hematology, 2019, 26, 161-169.	1.2	10
20	Control of ribosomal protein synthesis by the Microprocessor complex. Science Signaling, 2021, 14, .	1.6	7
21	How do you mend inactive tumor suppressor mutants? You glue them!. Cell Chemical Biology, 2021, 28, 585-587.	2.5	1
22	Title is missing!. , 2020, 15, e0238076.		0
23	Title is missing!. , 2020, 15, e0238076.		0
24	Title is missing!. , 2020, 15, e0238076.		0
25	Title is missing!. , 2020, 15, e0238076.		0