Fumiko Itoh

List of Publications by Year
in descending order

40 papers	2,870 citations	257450 24 h-index	302126 39 g-index
40 all docs	40 docs citations	40 times ranked	3469 citing authors

#	Article	IF	Citations
1	Systemic administration of monovalent follistatin-like 3-Fc-fusion protein increases muscle mass in mice. IScience, 2021, 24, 102488.	4.1	12
2	Endothelial-specific depletion of TGF-Î² signaling affects lymphatic function. Inflammation and Regeneration, 2021, 41, 35.	3.7	8
3	Blood and lymphatic systems are segregated by the FLCN tumor suppressor. Nature Communications, 2020, 11, 6314.	12.8	17
4	The evolutionarily conserved deubiquitinase UBH1/UCH-L1 augments DAF7/TGF-Î² signaling, inhibits dauer larva formation, and enhances lung tumorigenesis. Journal of Biological Chemistry, 2020, 295, 9105-9120.	3.4	9
5	Peptideâ€2 from mouse myostatin precursor protein alleviates muscle wasting in cancerâ€associated cachexia. Cancer Science, 2020, 111, 2954-2964.	3.9	8
6	PDZK1-interacting protein 1 (PDZK1IP1) traps Smad4 protein and suppresses transforming growth factor-Î² (TGF-Î²) signaling. Journal of Biological Chemistry, 2019, 294, 4966-4980.	3.4	31
7	TMEPAI family: involvement in regulation of multiple signalling pathways. Journal of Biochemistry, 2018, 164, 195-204.	1.7	22
8	TMED10 Protein Interferes with Transforming Growth Factor (TGF)-Î² Signaling by Disrupting TGF-Î² Receptor Complex Formation. Journal of Biological Chemistry, 2017, 292, 4099-4112.	3.4	25
9	Transforming growth factorâ€Î² signaling enhancement by longâ€term exposure to hypoxia in a tumor microenvironment composed of <scp>L</scp>ewis lung carcinoma cells. Cancer Science, 2015, 106, 1524-1533.	3.9	29
10	The Inhibitory Core of the Myostatin Prodomain: Its Interaction with Both Type I and II Membrane Receptors, and Potential to Treat Muscle Atrophy. PLoS ONE, 2015, 10, e0133713.	2.5	30
11	Identification of the Minimum Peptide from Mouse Myostatin Prodomain for Human Myostatin Inhibition. Journal of Medicinal Chemistry, 2015, 58, 1544-1549.	6.4	40
12	C18 ORF1, a Novel Negative Regulator of Transforming Growth Factor-Î² Signaling. Journal of Biological Chemistry, 2014, 289, 12680-12692.	3.4	48
13	Roles of TGF-Î² family signals in the fate determination of pluripotent stem cells. Seminars in Cell and Developmental Biology, 2014, 32, 98-106.	5.0	69
14	Stimulatory Effects of Cardiotrophin 1 on Atherosclerosis. Hypertension, 2013, 62, 942-950.	2.7	34
15	Salusins: Potential Use as a Biomarker for Atherosclerotic Cardiovascular Diseases. International Journal of Hypertension, 2013, 2013, 1-8.	1.3	43
16	Preventive Effect of Dipeptidyl Peptidase-4 Inhibitor on Atherosclerosis Is Mainly Attributable to Incretin's Actions in Nondiabetic and Diabetic Apolipoprotein E-Null Mice. PLoS ONE, 2013, 8, e70933.	2.5	65
17	Emerging Roles for Vasoactive Peptides in Diagnostic and Therapeutic Strategies Against Atherosclerotic Cardiovascular Diseases. Current Protein and Peptide Science, 2013, 14, 472-480.	1.4	16
18	Endogenous Bioactive Peptides as Potential Biomarkers for Atherosclerotic Coronary Heart Disease. Sensors, 2012, 12, 4974-4985.	3.8	23

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19	Implication of TGF-Â as a survival factor during tumour development. Journal of Biochemistry, 2012, 151, 559-562.	1.7	14
20	Smad2/Smad3 in endothelium is indispensable for vascular stability via S1PR1 and N-cadherin expressions. Blood, 2012, 119, 5320-5328.	1.4	62
21	Pathogenic involvement of heregulin-Î²1 in anti-atherogenesis. Regulatory Peptides, 2012, 175, 11-14.	1.9	8
22	Inhibitory machinery for the TGF-Î² family signaling pathway. Growth Factors, 2011, 29, 163-173.	1.7	23
23	The roles of salusins in atherosclerosis and related cardiovascular diseases. Journal of the American Society of Hypertension, 2011, 5, 359-365.	2.3	47
24	Interference of E2â€2â€mediated effect in endothelial cells by FAM96B through its limited expression of E2â€2. Cancer Science, 2011, 102, 1808-1814.	3.9	8
25	Flk1-GFP BAC Tg Mice: An Animal Model for the Study of Blood Vessel Development. Experimental Animals, 2010, 59, 615-622.	1.1	42
26	Inhibition of endothelial cell activation by bHLH protein E2-2 and its impairment of angiogenesis. Blood, 2010, 115, 4138-4147.	1.4	34
27	Requirement of TCF7L2 for TGF-Î²-dependent Transcriptional Activation of the TMEPAI Gene. Journal of Biological Chemistry, 2010, 285, 38023-38033.	3.4	44
28	TMEPAI, a Transmembrane TGF-Î²-Inducible Protein, Sequesters Smad Proteins from Active Participation in TGF-Î² Signaling. Molecular Cell, 2010, 37, 123-134.	9.7	136
29	Poor vessel formation in embryos from knock-in mice expressing ALK5 with L45 loop mutation defective in Smad activation. Laboratory Investigation, 2009, 89, 800-810.	3.7	19
30	TAL1/SCL Relieves the E2-2-Mediated Repression of VEGFR2 Promoter Activity. Journal of Biochemistry, 2008, 145, 129-135.	1.7	12
31	Negative Regulation of the TGF-Î² Family Signal Pathway by Inhibitory Smads and Their Involvement in Cancer and Fibrosis. , 2008, , 649-661.		0
32	Compensatory signalling induced in the yolk sac vasculature by deletion of TGFÎ² receptors in mice. Journal of Cell Science, 2007, 120, 4269-4277.	2.0	104
33	Smad7 and protein phosphatase 1alpha are critical determinants in the duration of TGF-beta/ALK1 signaling in endothelial cells. BMC Cell Biology, 2006, 7, 16.	3.0	50
34	Synergy and antagonism between Notch and BMP receptor signaling pathways in endothelial cells. EMBO Journal, 2004, 23, 541-551.	7.8	222
35	Elucidation of Smad Requirement in Transforming Growth Factor-Î² Type I Receptor-induced Responses. Journal of Biological Chemistry, 2003, 278, 3751-3761.	3.4	189
36	Regulation of cell proliferation by Smad proteins. Journal of Cellular Physiology, 2002, 191, 1-16.	4.1	418

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37	The FYVE domain in Smad anchor for receptor activation (SARA) is sufficient for localization of SARA in early endosomes and regulates TGFâ€Î²/Smad signalling. Genes To Cells, 2002, 7, 321-331.	1.2	137
38	Signaling of transforming growth factorâ€Î² family members through Smad proteins. FEBS Journal, 2000, 267, 6954-6967.	0.2	466
39	Xenopus Smad4Î² Is the Co-Smad Component of Developmentally Regulated Transcription Factor Complexes Responsible for Induction of Early Mesodermal Genes. Developmental Biology, 1999, 214, 354-369.	2.0	88
40	Transforming Growth Factor Î²1 Induces Nuclear Export of Inhibitory Smad7. Journal of Biological Chemistry, 1998, 273, 29195-29201.	3.4	218