

Wentian Yang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,612
citations

623734

14
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

2393
citing authors

#	ARTICLE	IF	CITATIONS
1	Shp2 Regulates Src Family Kinase Activity and Ras/Erk Activation by Controlling Csk Recruitment. <i>Molecular Cell</i> , 2004, 13, 341-355.	9.7	395
2	Mouse model of Noonan syndrome reveals cell type- and gene dosage-dependent effects of Ptpn11 mutation. <i>Nature Medicine</i> , 2004, 10, 849-857.	30.7	384
3	An Shp2/SFK/Ras/Erk Signaling Pathway Controls Trophoblast Stem Cell Survival. <i>Developmental Cell</i> , 2006, 10, 317-327.	7.0	222
4	Ptpn11 deletion in a novel progenitor causes metachondromatosis by inducing hedgehog signalling. <i>Nature</i> , 2013, 499, 491-495.	27.8	190
5	Essential role for Ptpn11 in survival of hematopoietic stem and progenitor cells. <i>Blood</i> , 2011, 117, 4253-4261.	1.4	82
6	GNAI1 and GNAI3 Reduce Colitis-Associated Tumorigenesis in Mice by Blocking IL6 Signaling and Down-regulating Expression of GNAI2. <i>Gastroenterology</i> , 2019, 156, 2297-2312.	1.3	59
7	SHP2 Regulates Chondrocyte Terminal Differentiation, Growth Plate Architecture and Skeletal Cell Fates. <i>PLoS Genetics</i> , 2014, 10, e1004364.	3.5	52
8	Mechanical activation of mammalian target of rapamycin pathway is required for cartilage development. <i>FASEB Journal</i> , 2014, 28, 4470-4481.	0.5	35
9	SHP2 regulates skeletal cell fate by modifying SOX9 expression and transcriptional activity. <i>Bone Research</i> , 2018, 6, 12.	11.4	33
10	A ERK/RSK-mediated negative feedback loop regulates M-CSF-evoked PI3K/AKT activation in macrophages. <i>FASEB Journal</i> , 2018, 32, 875-887.	0.5	31
11	SHP2 regulates osteoclastogenesis by promoting preosteoclast fusion. <i>FASEB Journal</i> , 2015, 29, 1635-1645.	0.5	27
12	SHP2 Regulates the Osteogenic Fate of Growth Plate Hypertrophic Chondrocytes. <i>Scientific Reports</i> , 2017, 7, 12699.	3.3	27
13	SHP2 regulates intramembranous ossification by modifying the TGF β 2 and BMP2 signaling pathway. <i>Bone</i> , 2019, 120, 327-335.	2.9	20
14	Targeted Ptpn11 deletion in mice reveals the essential role of SHP2 in osteoblast differentiation and skeletal homeostasis. <i>Bone Research</i> , 2021, 9, 6.	11.4	17
15	Ptpn11 Deletion in CD4+ Cells Does Not Affect T Cell Development and Functions but Causes Cartilage Tumors in a T Cell-Independent Manner. <i>Frontiers in Immunology</i> , 2017, 8, 1326.	4.8	15
16	From an orphan disease to a generalized molecular mechanism. <i>Rare Diseases (Austin, Tex)</i> , 2013, 1, e26657.	1.8	10
17	Controlled delivery of a protein tyrosine phosphatase inhibitor, SHP099, using cyclodextrin-mediated host-guest interactions in polyelectrolyte multilayer films for cancer therapy. <i>RSC Advances</i> , 2020, 10, 20073-20082.	3.6	6
18	Protein tyrosine phosphatases in skeletal development and diseases. <i>Bone Research</i> , 2022, 10, 10.	11.4	5

#	ARTICLE	IF	CITATIONS
19	Iron turns to wild when the transferrin is away. Blood, 2020, 136, 649-650.	1.4	2
20	Oncogenic Ras Requires SHP-2 To Induce Myeloproliferative Disease (MPD).. Blood, 2005, 106, 3517-3517.	1.4	0
21	Myelopoiesis Requires a Noncatalytic, Ras-Independent Function of SHP-2.. Blood, 2006, 108, 635-635.	1.4	0