Keizo Nishikawa

List of Publications by Year
in descending order

16	784	759233 12	888059 17
papers	citations	h-index	g-index

19	19	19	1469
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	DNA methyltransferase 3a regulates osteoclast differentiation by coupling to an S-adenosylmethionineâ€“producing metabolic pathway. Nature Medicine, 2015, 21, 281-287.	30.7	190
2	Blimp1-mediated repression of negative regulators is required for osteoclast differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3117-3122.	7.1	156
3	Maf promotes osteoblast differentiation in mice by mediating the age-related switch in mesenchymal cell differentiation. Journal of Clinical Investigation, 2010, 120, 3455-3465.	8.2	152
4	Cell Cycle-Dependent Rho GTPase Activity Dynamically Regulates Cancer Cell Motility and Invasion In Vivo. PLoS ONE, 2013, 8, e83629.	2.5	75
5	Osteoblast-derived vesicles induce a switch from bone-formation to bone-resorption in vivo. Nature Communications, 2022, 13, 1066.	12.8	39
6	Degradation of the NOTCH intracellular domain by elevated autophagy in osteoblasts promotes osteoblast differentiation and alleviates osteoporosis. Autophagy, 2022, 18, 2323-2332.	9.1	30
7	SLPI is a critical mediator that controls PTH-induced bone formation. Nature Communications, 2021, 12, 2136.	12.8	28
8	Nrf2 contributes to the weight gain of mice during space travel. Communications Biology, 2020, 3, 496.	4.4	27
9	Folliculin Regulates Osteoclastogenesis Through Metabolic Regulation. Journal of Bone and Mineral Research, 2018, 33, 1785-1798.	2.8	21
10	Intercellular Communication between Keratinocytes and Fibroblasts Induces Local Osteoclast Differentiation: a Mechanism Underlying Cholesteatoma-Induced Bone Destruction. Molecular and Cellular Biology, 2016, 36, 1610-1620.	2.3	17
11	Roles of Enhancer RNAs in RANKL-induced Osteoclast Differentiation Identified by Genome-wide Cap-analysis of Gene Expression using CRISPR/Cas9. Scientific Reports, 2018, 8, 7504.	3.3	15
12	Osteoclasts adapt to physioxia perturbation through DNA demethylation. EMBO Reports, 2021, 22, e53035.	4.5	13
13	Development of an in vitro culture method for stepwise differentiation of mouse embryonic stem cells and induced pluripotent stem cells into mature osteoclasts. Journal of Bone and Mineral Metabolism, 2014, 32, 331-336.	2.7	7
14	Determination of the physiological range of oxygen tension in bone marrow monocytes using two-photon phosphorescence lifetime imaging microscopy. Scientific Reports, 2022, 12, 3497.	3.3	7
15	RFPL4A Increases the G1 Population and Decreases Sensitivity to Chemotherapy in Human Colorectal Cancer Cells. Journal of Biological Chemistry, 2015, 290, 6326-6337.	3.4	3
16	Novel method for gain-of-function analyses in primary osteoclasts using a non-viral gene delivery system. Journal of Bone and Mineral Metabolism, 2021, 39, 353-359.	2.7	2