

# Wanida Ono

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,766  
citations

567281

15  
h-index

454955

30  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2046  
citing authors

#	ARTICLE	IF	CITATIONS
1	A subset of chondrogenic cells provides early mesenchymal progenitors in growing bones. <i>Nature Cell Biology</i> , 2014, 16, 1157-1167.	10.3	346
2	Resting zone of the growth plate houses a unique class of skeletal stem cells. <i>Nature</i> , 2018, 563, 254-258.	27.8	280
3	A Wnt-mediated transformation of the bone marrow stromal cell identity orchestrates skeletal regeneration. <i>Nature Communications</i> , 2020, 11, 332.	12.8	184
4	Vasculature-Associated Cells Expressing Nestin in Developing Bones Encompass Early Cells in the Osteoblast and Endothelial Lineage. <i>Developmental Cell</i> , 2014, 29, 330-339.	7.0	160
5	Isolation of multipotent stem cells from adult rat periodontal ligament by neurosphere-forming culture system. <i>Biochemical and Biophysical Research Communications</i> , 2007, 357, 917-923.	2.1	115
6	Parathyroid hormone receptor signalling in osterix-expressing mesenchymal progenitors is essential for tooth root formation. <i>Nature Communications</i> , 2016, 7, 11277.	12.8	105
7	Growth Plate Chondrocytes: Skeletal Development, Growth and Beyond. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6009.	4.1	92
8	Autocrine regulation of mesenchymal progenitor cell fates orchestrates tooth eruption. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 575-580.	7.1	91
9	Skeletal Stem Cells for Bone Development and Repair: Diversity Matters. <i>Current Osteoporosis Reports</i> , 2020, 18, 189-198.	3.6	45
10	Growth Plate Borderline Chondrocytes Behave as Transient Mesenchymal Precursor Cells. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 1387-1392.	2.8	44
11	Growth plate skeletal stem cells and their transition from cartilage to bone. <i>Bone</i> , 2020, 136, 115359.	2.9	41
12	Mesenchymal Progenitor Regulation of Tooth Eruption: A View from PTHrP. <i>Journal of Dental Research</i> , 2020, 99, 133-142.	5.2	32
13	Chondrocytes in the resting zone of the growth plate are maintained in a Wnt-inhibitory environment. <i>ELife</i> , 2021, 10, .	6.0	31
14	Salt-inducible kinases dictate parathyroid hormone 1 receptor action in bone development and remodeling. <i>Journal of Clinical Investigation</i> , 2019, 129, 5187-5203.	8.2	28
15	A Novel Population of Cells Expressing Both Hematopoietic and Mesenchymal Markers Is Present in the Normal Adult Bone Marrow and Is Augmented in a Murine Model of Marrow Fibrosis. <i>American Journal of Pathology</i> , 2012, 180, 811-818.	3.8	20
16	Single-Cell Transcriptomic Analysis Reveals Developmental Relationships and Specific Markers of Mouse Periodontium Cellular Subsets. <i>Frontiers in Dental Medicine</i> , 2021, 2, .	1.4	16
17	Diverse contribution of <i>Col2a1</i> -expressing cells to the craniofacial skeletal cell lineages. <i>Orthodontics and Craniofacial Research</i> , 2017, 20, 44-49.	2.8	15
18	A three-dimensional analysis of primary failure of eruption in humans and mice. <i>Oral Diseases</i> , 2020, 26, 391-400.	3.0	14

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19	Intercellular Interactions of an Adipogenic CXCL12-Expressing Stromal Cell Subset in Murine Bone Marrow. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 1145-1158.	2.8	14
20	Bone regeneration via skeletal cell lineage plasticity: All hands mobilized for emergencies. <i>BioEssays</i> , 2021, 43, e2000202.	2.5	13
21	The hypertrophic chondrocyte: To be or not to be. <i>Histology and Histopathology</i> , 2021, , 18355.	0.7	13
22	Unveiling diversity of stem cells in dental pulp and apical papilla using mouse genetic models: a literature review. <i>Cell and Tissue Research</i> , 2021, 383, 603-616.	2.9	12
23	The Role of Wnt Signaling in Postnatal Tooth Root Development. <i>Frontiers in Dental Medicine</i> , 2021, 2, .	1.4	11
24	The fate of Osterix-expressing mesenchymal cells in dental root formation and maintenance. <i>Orthodontics and Craniofacial Research</i> , 2017, 20, 39-43.	2.8	10
25	Flow Cytometry-Based Analysis of the Mouse Bone Marrow Stromal and Perivascular Compartment. <i>Methods in Molecular Biology</i> , 2021, 2308, 83-94.	0.9	9
26	Cranial Base Synchronosis: Chondrocytes at the Hub. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7817.	4.1	9
27	Toward Marrow Adipocytes: Adipogenic Trajectory of the Bone Marrow Stromal Cell Lineage. <i>Frontiers in Endocrinology</i> , 2022, 13, 882297.	3.5	4
28	Cranial Base Synchronosis Lacks PTHrP-Expressing Column-Forming Chondrocytes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7873.	4.1	4
29	Msx2 Marks Spatially Restricted Populations of Mesenchymal Precursors. <i>Journal of Dental Research</i> , 2018, 97, 1260-1267.	5.2	3
30	Synergy of single-cell sequencing analyses and in vivo lineage-tracing approaches: A new opportunity for stem cell biology. <i>Biocell</i> , 2022, 46, 1157-1162.	0.7	3
31	Fundamental Properties of Native Bone Marrow Perisinusoidal Mesenchymal Stem Cells. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0