

# Liza Jane Raggatt

## List of Publications by Citations

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29  
papers

3,450  
citations

19  
h-index

33  
g-index

33  
ext. papers

4,026  
ext. citations

6.3  
avg, IF

5.21  
L-index

#	Paper	IF	Citations
29	Cellular and molecular mechanisms of bone remodeling. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 25103-8	3.8	743
28	Bone marrow macrophages maintain hematopoietic stem cell (HSC) niches and their depletion mobilizes HSCs. <i>Blood</i> , <b>2010</b> , 116, 4815-28	2.2	595
27	Osteal tissue macrophages are intercalated throughout human and mouse bone lining tissues and regulate osteoblast function in vitro and in vivo. <i>Journal of Immunology</i> , <b>2008</b> , 181, 1232-44	5.3	473
26	Osteal macrophages promote in vivo intramembranous bone healing in a mouse tibial injury model. <i>Journal of Bone and Mineral Research</i> , <b>2011</b> , 26, 1517-32	6.3	303
25	Parathyroid hormone: a double-edged sword for bone metabolism. <i>Trends in Endocrinology and Metabolism</i> , <b>2004</b> , 15, 60-5	8.8	209
24	Fracture healing via periosteal callus formation requires macrophages for both initiation and progression of early endochondral ossification. <i>American Journal of Pathology</i> , <b>2014</b> , 184, 3192-204	5.8	157
23	Unraveling macrophage contributions to bone repair. <i>BoneKEy Reports</i> , <b>2013</b> , 2, 373		144
22	Osteal macrophages: a new twist on coupling during bone dynamics. <i>Bone</i> , <b>2008</b> , 43, 976-82	4.7	143
21	Amphiregulin is a novel growth factor involved in normal bone development and in the cellular response to parathyroid hormone stimulation. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 3974-81	5.4	75
20	Conventional dendritic cells are the critical donor APC presenting alloantigen after experimental bone marrow transplantation. <i>Blood</i> , <b>2009</b> , 113, 5644-9	2.2	71
19	Osteomacs and Bone Regeneration. <i>Current Osteoporosis Reports</i> , <b>2017</b> , 15, 385-395	5.4	66
18	Role of bone marrow macrophages in controlling homeostasis and repair in bone and bone marrow niches. <i>Seminars in Cell and Developmental Biology</i> , <b>2017</b> , 61, 12-21	7.5	65
17	CD169 macrophages are critical for osteoblast maintenance and promote intramembranous and endochondral ossification during bone repair. <i>Biomaterials</i> , <b>2019</b> , 196, 51-66	15.6	64
16	Microphthalmia transcription factor regulates the expression of the novel osteoclast factor GPNMB. <i>Gene</i> , <b>2008</b> , 413, 32-41	3.8	61
15	Mobilization with granulocyte colony-stimulating factor blocks medullary erythropoiesis by depleting F4/80(+)VCAM1(+)CD169(+)ER-HR3(+)Ly6G(+) erythroid island macrophages in the mouse. <i>Experimental Hematology</i> , <b>2014</b> , 42, 547-61.e4	3.1	60
14	Interleukin-18 is regulated by parathyroid hormone and is required for its bone anabolic actions. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 6790-8	5.4	44
13	Self-repopulating recipient bone marrow resident macrophages promote long-term hematopoietic stem cell engraftment. <i>Blood</i> , <b>2018</b> , 132, 735-749	2.2	44

12	Resting and injury-induced inflamed periosteum contain multiple macrophage subsets that are located at sites of bone growth and regeneration. <i>Immunology and Cell Biology</i> , <b>2017</b> , 95, 7-16	5	35
11	HMG-CoA reductase inhibitors as immunomodulators: potential use in transplant rejection. <i>Drugs</i> , <b>2002</b> , 62, 2185-91	12.1	20
10	Investigations into poly(3-hydroxybutyrate-co-3-hydroxyvalerate) surface properties causing delayed osteoblast growth. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2007</b> , 18, 1101-23	3.5	19
9	Experimental and bioinformatic characterisation of the promoter region of the Marfan syndrome gene, FBN1. <i>Genomics</i> , <b>2009</b> , 94, 233-40	4.3	18
8	Absence of B cells does not compromise intramembranous bone formation during healing in a tibial injury model. <i>American Journal of Pathology</i> , <b>2013</b> , 182, 1501-8	5.8	14
7	Intrauterine Bone Marrow Transplantation in Osteogenesis Imperfecta Mice Yields Donor Osteoclasts and Osteomacs but Not Osteoblasts. <i>Stem Cell Reports</i> , <b>2015</b> , 5, 682-689	8	8
6	Stable colony-stimulating factor 1 fusion protein treatment increases hematopoietic stem cell pool and enhances their mobilisation in mice. <i>Journal of Hematology and Oncology</i> , <b>2021</b> , 14, 3	22.4	7
5	Osteal macrophages support osteoclast-mediated resorption and contribute to bone pathology in a postmenopausal osteoporosis mouse model. <i>Journal of Bone and Mineral Research</i> , <b>2021</b> , 36, 2214-2228	6.3	5
4	Fragmentation of tissue-resident macrophages during isolation confounds analysis of single-cell preparations from mouse hematopoietic tissues. <i>Cell Reports</i> , <b>2021</b> , 37, 110058	10.6	4
3	Treatment with a long-acting chimeric CSF1 molecule enhances fracture healing of healthy and osteoporotic bones. <i>Biomaterials</i> , <b>2021</b> , 275, 120936	15.6	2
2	Fragmentation of macrophages during isolation confounds analysis of single cell preparations from mouse hematopoietic tissues		1
1	Mobilizing Doses Of G-CSF Stop Medullary Erythropoiesis By Depleting F4/80+ VCAM1+ ER-HR3+ CD169+ Erythroid-Island Macrophages. <i>Blood</i> , <b>2013</b> , 122, 309-309	2.2	