Susan Marie Millard

List of Publications by Citations

31 papers	814 citations	13 h-index	28 g-index
37 ext. papers	1,084 ext. citations	6.3 avg, IF	3.95 L-index

#	Paper	IF	Citations
31	Fracture healing via periosteal callus formation requires macrophages for both initiation and progression of early endochondral ossification. *American Journal of Pathology*, **2014**, 184, 3192-204	5.8	157
30	The ubiquitin ligase itch is auto-ubiquitylated in vivo and in vitro but is protected from degradation by interacting with the deubiquitylating enzyme FAM/USP9X. *Journal of Biological Chemistry*, **2006**, 281, 38738-47	5.4	99
29	Neurological heterotopic ossification following spinal cord injury is triggered by macrophage-mediated inflammation in muscle. *Journal of Pathology*, **2015**, 236, 229-40	9.4	89
28	Osteomacs and Bone Regeneration. *Current Osteoporosis Reports*, **2017**, 15, 385-395	5.4	66
27	CD169 macrophages are critical for osteoblast maintenance and promote intramembranous and endochondral ossification during bone repair. *Biomaterials*, **2019**, 196, 51-66	15.6	64
26	Riding the DUBway: regulation of protein trafficking by deubiquitylating enzymes. *Journal of Cell Biology*, **2006**, 173, 463-8	7.3	56
25	Self-repopulating recipient bone marrow resident macrophages promote long-term hematopoietic stem cell engraftment. *Blood*, **2018**, 132, 735-749	2.2	44
24	Resting and injury-induced inflamed periosteum contain multiple macrophage subsets that are located at sites of bone growth and regeneration. *Immunology and Cell Biology*, **2017**, 95, 7-16	5	35
23	Continuous blockade of CXCR4 results in dramatic mobilization and expansion of hematopoietic stem and progenitor cells. *Blood*, **2017**, 129, 2939-2949	2.2	25
22	Mesenchymal stem cells for systemic therapy: shotgun approach or magic bullets?. *BioEssays*, **2013**, 35, 173-82	4.1	24
21	Inhibition of JAK1/2 Tyrosine Kinases Reduces Neurogenic Heterotopic Ossification After Spinal Cord Injury. *Frontiers in Immunology*, **2019**, 10, 377	8.4	18
20	Blockade of receptor-activated G(i) signaling in osteoblasts in vivo leads to site-specific increases in cortical and cancellous bone formation. *Journal of Bone and Mineral Research*, **2011**, 26, 822-32	6.3	17
19	Ligand-mediated activation of an engineered gs g protein-coupled receptor in osteoblasts increases trabecular bone formation. *Molecular Endocrinology*, **2010**, 24, 621-31		14
18	Imaging flow cytometry reveals that granulocyte colony-stimulating factor treatment causes loss of erythroblastic islands in the mouse bone marrow. *Experimental Hematology*, **2020**, 82, 33-42	3.1	13
17	The Ski proto-oncogene regulates body composition and suppresses lipogenesis. *International Journal of Obesity*, **2010**, 34, 524-36	5.5	13
16	Rev-erb beta regulates the Srebp-1c promoter and mRNA expression in skeletal muscle cells. *Biochemical and Biophysical Research Communications*, **2009**, 388, 654-9	3.4	12
15	Ski-interacting protein (SKIP) interacts with androgen receptor in the nucleus and modulates androgen-dependent transcription. *BMC Biochemistry*, **2013**, 14, 10	4.8	11

List of Publications

14	Gs/Gi Regulation of Bone Cell Differentiation: Review and Insights from Engineered Receptors. *Hormone and Metabolic Research*, **2016**, 48, 689-699	3.1	9
13	Intrauterine Bone Marrow Transplantation in Osteogenesis Imperfecta Mice Yields Donor Osteoclasts and Osteomacs but Not Osteoblasts. *Stem Cell Reports*, **2015**, 5, 682-689	8	8
12	Stable colony-stimulating factor 1 fusion protein treatment increases hematopoietic stem cell pool and enhances their mobilisation in mice. *Journal of Hematology and Oncology*, **2021**, 14, 3	22.4	7
11	Absence of Batf3 reveals a new dimension of cell state heterogeneity within conventional dendritic cells. *IScience*, **2021**, 24, 102402	6.1	6
10	Assessing the osteoblast transcriptome in a model of enhanced bone formation due to constitutive Gs-G protein signaling in osteoblasts. *Experimental Cell Research*, **2015**, 333, 289-302	4.2	5
9	Osteal macrophages support osteoclast-mediated resorption and contribute to bone pathology in a postmenopausal osteoporosis mouse model. *Journal of Bone and Mineral Research*, **2021**, 36, 2214-2228	6.3	5
8	Role of Osteoblast Gi Signaling in Age-Related Bone Loss in Female Mice. *Endocrinology*, **2017**, 158, 1715-1726	4.8	4
7	Fragmentation of tissue-resident macrophages during isolation confounds analysis of single-cell preparations from mouse hematopoietic tissues. *Cell Reports*, **2021**, 37, 110058	10.6	4
6	Interleukin-1 is overexpressed in injured muscles following spinal cord injury and promotes neurogenic heterotopic ossification. *Journal of Bone and Mineral Research*, **2021**,	6.3	2
5	Role of macrophages and phagocytes in orchestrating normal and pathologic hematopoietic niches. *Experimental Hematology*, **2021**, 100, 12-31.e1	3.1	2
4	Treatment with a long-acting chimeric CSF1 molecule enhances fracture healing of healthy and osteoporotic bones. *Biomaterials*, **2021**, 275, 120936	15.6	2
3	Fragmentation of macrophages during isolation confounds analysis of single cell preparations from mouse hematopoietic tissues		1
2	Macrophages form erythropoietic niches and regulate iron homeostasis to adapt erythropoiesis in response to infections and inflammation. *Experimental Hematology*, **2021**, 103, 1-14	3.1	1
1	Spinal cord injury reprograms muscle fibroadipogenic progenitors to form heterotopic bones within muscles.. *Bone Research*, **2022**, 10, 22	13.3	1