

James R Edwards

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

2,303
citations

361045

20
h-index

377514

34
g-index

34
all docs

34
docs citations

34
times ranked

4110
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrospun Fibrous Scaffolds for Tissue Engineering: Viewpoints on Architecture and Fabrication. <i>International Journal of Molecular Sciences</i> , 2018, 19, 745.	1.8	327
2	Current status and outlook on the clinical translation of biodegradable metals. <i>Materials Today</i> , 2019, 23, 57-71.	8.3	271
3	Advances in osteoclast biology: old findings and new insights from mouse models. <i>Nature Reviews Rheumatology</i> , 2011, 7, 235-243.	3.5	189
4	Advances in the biology of bone metastasis: How the skeleton affects tumor behavior. <i>Bone</i> , 2011, 48, 6-15.	1.4	164
5	Increasing Wnt signaling in the bone marrow microenvironment inhibits the development of myeloma bone disease and reduces tumor burden in bone in vivo. <i>Blood</i> , 2008, 111, 2833-2842.	0.6	150
6	Host-derived adiponectin is tumor-suppressive and a novel therapeutic target for multiple myeloma and the associated bone disease. <i>Blood</i> , 2011, 118, 5872-5882.	0.6	124
7	Myeloid-derived suppressor cells expand during breast cancer progression and promote tumor-induced bone destruction. <i>Oncolmmunology</i> , 2012, 1, 1484-1494.	2.1	108
8	Osteoclasts in Multiple Myeloma Are Derived from Gr-1+CD11b+Myeloid-Derived Suppressor Cells. <i>PLoS ONE</i> , 2012, 7, e48871.	1.1	105
9	Silent information regulator (Sir)T1 inhibits NF- κ B signaling to maintain normal skeletal remodeling. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 960-969.	3.1	104
10	Inhibition of TGF- β 2 signaling by 1D11 antibody treatment increases bone mass and quality in vivo. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 2419-2426.	3.1	98
11	Anti-Transforming Growth Factor β Antibody Treatment Rescues Bone Loss and Prevents Breast Cancer Metastasis to Bone. <i>PLoS ONE</i> , 2011, 6, e27090.	1.1	85
12	Ageing in the musculoskeletal system. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 87, 15-25.	1.2	82
13	Biodegradable Magnesium Alloys Promote Angiogenesis to Enhance Bone Repair. <i>Advanced Science</i> , 2020, 7, 2000800.	5.6	72
14	Activation of NF-kappa B Signaling Promotes Growth of Prostate Cancer Cells in Bone. <i>PLoS ONE</i> , 2013, 8, e60983.	1.1	64
15	SIRT1 directly activates autophagy in human chondrocytes. <i>Cell Death Discovery</i> , 2020, 6, 41.	2.0	55
16	Hypoxia-inducible factor 1 α does not regulate osteoclastogenesis but enhances bone resorption activity via prolyl-4-hydroxylase 2. <i>Journal of Pathology</i> , 2017, 242, 322-333.	2.1	53
17	Transcriptomic profiling of the myeloma bone-lining niche reveals BMP signalling inhibition to improve bone disease. <i>Nature Communications</i> , 2019, 10, 4533.	5.8	46
18	Spermidine restores dysregulated autophagy and polyamine synthesis in aged and osteoarthritic chondrocytes via EP300. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-10.	3.2	32

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19	The polyphenol resveratrol promotes skeletal growth in mice through a sirtuin 1â€bone morphogenic protein 2 longevity axis. <i>British Journal of Pharmacology</i> , 2018, 175, 4183-4192.	2.7	31
20	Robust Hydroxyapatite Coating by Laserâ€Induced Hydrothermal Synthesis. <i>Advanced Functional Materials</i> , 2020, 30, 2005233.	7.8	29
21	Small Animal Video Tracking for Activity and Path Analysis Using a Novel Open-Source Multi-Platform Application (AnimApp). <i>Scientific Reports</i> , 2019, 9, 12343.	1.6	19
22	Metabolic profiling of prostate cancer in skeletal microenvironments identifies G6PD as a key mediator of growth and survival. <i>Science Advances</i> , 2022, 8, eabf9096.	4.7	19
23	Osteoclasts: malefactors of disease and targets for treatment. <i>Discovery Medicine</i> , 2012, 13, 201-10.	0.5	17
24	Multiple myeloma increases nerve growth factor and other pain-related markers through interactions with the bone microenvironment. <i>Scientific Reports</i> , 2019, 9, 14189.	1.6	14
25	Transgenic zebrafish model for quantification and visualization of tissue toxicity caused by alloying elements in newly developed biodegradable metal. <i>Scientific Reports</i> , 2018, 8, 13818.	1.6	7
26	A new corrosion-inhibiting strategy for biodegradable magnesium: reduced nicotinamide adenine dinucleotide (NADH). <i>Scientific Reports</i> , 2018, 8, 17743.	1.6	6
27	The antidiabetic drug metformin acts on the bone microenvironment to promote myeloma cell adhesion to preosteoblasts and increase myeloma tumour burden in vivo. <i>Translational Oncology</i> , 2022, 15, 101301.	1.7	6
28	Effect of spatial arrangement and structure of hierarchically patterned fibrous scaffolds generated by a femtosecond laser on cardiomyoblast behavior. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 1732-1742.	2.1	5
29	Spermidine restores dysregulated autophagy and polyamine synthesis in aged and osteoarthritic chondrocytes via EP300: response to correspondence by BorzÃ et al.. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-2.	3.2	5
30	Modeling the Human Boneâ€Tumor Niche: Reducing and Replacing the Need for Animal Data. <i>JBMR Plus</i> , 2020, 4, e10356.	1.3	5
31	Opportunities and Challenges in Functional Genomics Research in Osteoporosis: Report From a Workshop Held by the Causes Working Group of the Osteoporosis and Bone Research Academy of the Royal Osteoporosis Society on October 5th 2020. <i>Frontiers in Endocrinology</i> , 2020, 11, 630875.	1.5	5
32	On/off switchable physical stimuli regulate the future direction of adherent cellular fate. <i>Journal of Materials Chemistry B</i> , 2021, 9, 5560-5571.	2.9	3
33	<sc>EphA2</sc> Is a Clinically Relevant Target for Breast Cancer Bone Metastatic Disease. <i>JBMR Plus</i> , 2021, 5, e10465.	1.3	1