G Barreto

List of Publications by Year
in descending order

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30 papers	750 citations	566801 15 h-index	642321 23 g-index
30 all docs	30 docs citations	30 times ranked	1192 citing authors

#	Article	IF	Citations
1	Novel Odoribacter splanchnicus Strain and Its Outer Membrane Vesicles Exert Immunoregulatory Effects in vitro. Frontiers in Microbiology, 2020, 11, 575455.	1.5	110
2	Toll-like receptors in human chondrocytes and osteoarthritic cartilage. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 84, 585-592.	1.2	76
3	Chemical and physical properties of regenerative medicine materials controlling stem cell fate. Annals of Medicine, 2012, 44, 635-650.	1.5	71
4	Editorial: Osteoarthritis as an autoinflammatory disease caused by chondrocyteâ€mediated inflammatory responses. Arthritis and Rheumatism, 2012, 64, 613-616.	6.7	64
5	Sortase A as a cross-linking enzyme in tissue engineering. Acta Biomaterialia, 2018, 77, 182-190.	4.1	54
6	Soluble biglycan: a potential mediator of cartilage degradation in osteoarthritis. Arthritis Research and Therapy, 2015, 17, 379.	1.6	52
7	Osteoarthritis and Toll-Like Receptors: When Innate Immunity Meets Chondrocyte Apoptosis. Biology, 2020, 9, 65.	1.3	47
8	Cartilage-targeting dexamethasone prodrugs increase the efficacy of dexamethasone. Journal of Controlled Release, 2019, 295, 118-129.	4.8	45
9	Lumican is upregulated in osteoarthritis and contributes to TLR4-induced pro-inflammatory activation of cartilage degradation and macrophage polarization. Osteoarthritis and Cartilage, 2020, 28, 92-101.	0.6	38
10	Characterization of polydactyly chondrocytes and their use in cartilage engineering. Scientific Reports, 2019, 9, 4275.	1.6	33
11	<scp>IL</scp>â€17<scp>C</scp> and its receptor <scp>IL</scp>â€17<scp>RA</scp>/<scp>IL</scp>â€17<scp>RE</scp> identify human oral epithelial cell as an inflammatory cell in recurrent aphthous ulcer. Journal of Oral Pathology and Medicine, 2014, 43, 117-124.	1.4	28
12	Cell adhesion and osteogenic differentiation on threeâ€dimensional pillar surfaces. Journal of Biomedical Materials Research - Part A, 2013, 101A, 842-852.	2.1	26
13	Toll-like receptors and their soluble forms differ in the knee and thumb basal osteoarthritic joints. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 88, 326-333.	1.2	24
14	Do Changing Toll-like Receptor Profiles in Different Layers and Grades of Osteoarthritis Cartilage Reflect Disease Severity?. Journal of Rheumatology, 2013, 40, 695-702.	1.0	16
15	Role of Innate Immune Sensors, TLRs, and NALP3 in Rheumatoid Arthritis and Osteoarthritis. Journal of Long-Term Effects of Medical Implants, 2014, 24, 243-251.	0.2	16
16	Altered Expression of Toll-like Receptors in Human Oral Epithelium in Oral Lichenoid Reactions. American Journal of Dermatopathology, 2017, 39, 811-818.	0.3	12
17	Functional analysis of synovial fluid from osteoarthritic knee and carpometacarpal joints unravels different molecular profiles. Rheumatology, 2019, 58, 897-907.	0.9	10
18	Ultrasonic actuation of a fine-needle improves biopsy yield. Scientific Reports, 2021, 11, 8234.	1.6	10

#	Article	IF	Citations
19	A systematic review of microbiome composition in osteoarthritis subjects. Osteoarthritis and Cartilage, 2022, 30, 786-801.	0.6	6
20	Laser-ultrasonic delivery of agents into articular cartilage. Scientific Reports, 2017, 7, 3991.	1.6	4
21	Sample Processing, Protocol, and Statistical Analysis of the Time-of-Flight Secondary Ion Mass Spectrometry (ToF-SIMS) of Protein, Cell, and Tissue Samples. Methods in Molecular Biology, 2014, 1142, 177-188.	0.4	3
22	Localized delivery of compounds into articular cartilage by using high-intensity focused ultrasound. Scientific Reports, 2019, 9, 15937.	1.6	2
23	AUTOMATIC DETECTION OF OSTEOPHYTES FROM CONTRAST ENHANCED Î¼CT-IMAGED RAT TIBIAS USING STATISTICAL SHAPE MODELS. Osteoarthritis and Cartilage, 2022, 30, S280-S281.	0.6	2
24	Lumican regulation of toll-like receptor 4- mediated inflammation in osteoarthritis. Osteoarthritis and Cartilage, 2018, 26, S123-S124.	0.6	1
25	Chondrocyte catabolic response to synovial fluid obtained from different OA joints: deciphering the roles of TLR4-mediated response. Osteoarthritis and Cartilage, 2016, 24, S338.	0.6	0
26	Development of inflammation-resistant human chondrocytes by targeting TAK1 using CRISPR-CAS9. Osteoarthritis and Cartilage, 2020, 28, S111-S112.	0.6	0
27	Silencing of inflammatory pathways through CRISPR CAS9 knockout of tak1 in human chondrocytes. Osteoarthritis and Cartilage, 2021, 29, S49.	0.6	0
28	An Ultrasonically Actuated Fine Needle Enhances Biopsy Sample Yield. , 2020, , .		0
29	STRUCTURAL CARTILAGE CHANGES AND PAIN IN A COLLAGENASE-INDUCED OSTEOARTHRITIS RAT MODEL. Osteoarthritis and Cartilage, 2022, 30, S281-S282.	0.6	0
30	SILENCING INFLAMMATORY SIGNALS IN CHONDROCYTES BY CRISPR/CAS9 FOR TISSUE ENGINEERED CELL THERAPY IN OSTEOARTHRITIS. Osteoarthritis and Cartilage, 2022, 30, S163-S164.	0.6	0