Rahul Gawri

List of Publications by Year
in descending order

24	581	840776 11	839539 18
papers	citations	h-index	g-index

27	27	27	910
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The anabolic effect of inorganic polyphosphate on chondrocytes is mediated by calcium signalling. Journal of Orthopaedic Research, 2022, 40, 310-322.	2.3	5
2	Enhanced Bone Remodeling After Fracture Priming. Calcified Tissue International, 2022, 110, 349-366.	3.1	8
3	Inorganic polyphosphates stimulates matrix production in human annulus fibrosus cells. JOR Spine, 2021, 4, e1143.	3.2	1
4	Simple Silica Columnâ€“Based Method to Quantify Inorganic Polyphosphates in Cartilage and Other Tissues. Cartilage, 2018, 9, 417-427.	2.7	9
5	Inorganic polyphosphates enhances nucleus pulposus tissue formation in vitro. Journal of Orthopaedic Research, 2017, 35, 41-50.	2.3	8
6	Sol gel-derived hydroxyapatite films over porous calcium polyphosphate substrates for improved tissue engineering of osteochondral-like constructs. Acta Biomaterialia, 2017, 62, 352-361.	8.3	21
7	Inorganic Polyphosphate in Tissue Engineering. , 2016, , 217-239.		0
8	Dynamic loading, matrix maintenance and cell injection therapy of human intervertebral discs cultured in a bioreactor. , 2016, 31, 26-39.		26
9	Gene Expression Profiling Identifies Interferon Signalling Molecules and IGFBP3 in Human Degenerative Annulus Fibrosus. Scientific Reports, 2015, 5, 15662.	3.3	53
10	Axial T1Ï•MRI as a diagnostic imaging modality to quantify proteoglycan concentration in degenerative disc disease. European Spine Journal, 2015, 24, 2395-2401.	2.2	19
11	Mechanical Injury to Human Intervertebral Discs and Isolated Cells Initiates Events Implicated in Degeneration and Pain. Global Spine Journal, 2015, 5, s-0035-1554224-s-0035-1554224.	2.3	0
12	Link N is cleaved by human annulus fibrosus cells generating a fragment with retained biological activity. Journal of Orthopaedic Research, 2014, 32, 1189-1197.	2.3	7
13	High mechanical strain of primary intervertebral disc cells promotes secretion of inflammatory factors associated with disc degeneration and pain. Arthritis Research and Therapy, 2014, 16, R21.	3.5	122
14	Naproxen affects osteogenesis of human mesenchymal stem cells via regulation of Indian hedgehog signaling molecules. Arthritis Research and Therapy, 2014, 16, R152.	3.5	22
15	Physiological Loading Can Restore the Proteoglycan Content in a Model of Early IVD Degeneration. PLoS ONE, 2014, 9, e101233.	2.5	42
16	Potential of Link-N to Stimulate Repair in the Degenerated Human Intervertebral Discs. Spine Journal, 2013, 13, S57-S58.	1.3	0
17	Chondroadherin Fragmentation Mediated by the Protease HTRA1 Distinguishes Human Intervertebral Disc Degeneration from Normal Aging. Journal of Biological Chemistry, 2013, 288, 19280-19287.	3.4	39
18	Mechanism of parathyroid hormone-mediated suppression of calcification markers in human intervertebral disc cells. , 2013, 25, 268-283.		20

#	Article	IF	Citations
19	Best Paper NASS 2013: Link-N can stimulate proteoglycan synthesis in the degenerated human intervertebral discs. , 2013, 26, 107-119.		40
20	The Effects of Chlorhexidine Graft Decontamination on Tendon Graft Collagen and Cell Viability. American Journal of Sports Medicine, 2012, 40, 1646-1653.	4.2	13
21	Effect of in utero exposure to diethylstilbestrol on lumbar and femoral bone, articular cartilage, and the intervertebral disc in male and female adult mice progeny with and without swimming exercise. Arthritis Research and Therapy, 2012, 14, R17.	3.5	28
22	Effect of Synthetic Link N Peptide on the Expression of Type I and Type II Collagens in Human Intervertebral Disc Cells. Tissue Engineering - Part A, 2011, 17, 899-904.	3.1	28
23	Development of an Organ Culture System for Long-Term Survival of the Intact Human Intervertebral Disc. Spine, 2011, 36, 1835-1842.	2.0	59
24	Development of a whole disc organ culture system to study human intervertebral disc. Evidence-based Spine-care Journal, 2010, 1, 67-68.	0.9	11