

Kannan Govindaraj

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1931299/publications.pdf>

Version: 2024-02-01

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papers

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#	ARTICLE	IF	CITATIONS
1	Biomedical applications of polysaccharide nanoparticles for chronic inflammatory disorders: Focus on rheumatoid arthritis, diabetes and organ fibrosis. <i>Carbohydrate Polymers</i> , 2022, 281, 118923.	10.2	31
2	Synthesis of glycopolymers at various pendant spacer lengths of glucose moiety and their effects on adhesion, viability and proliferation of osteoblast cells. <i>RSC Advances</i> , 2014, 4, 37400-37410.	3.6	17
3	Synthesis and characterization of poly(ethylene oxide)-based glycopolymers and their biocompatibility with osteoblast cells. <i>Polymer International</i> , 2015, 64, 795-803.	3.1	13
4	ECHO, the executable CHondrocyte: A computational model to study articular chondrocytes in health and disease. <i>Cellular Signalling</i> , 2020, 68, 109471.	3.6	13
5	Changes in Fluorescence Recovery After Photobleaching (FRAP) as an indicator of SOX9 transcription factor activity. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2019, 1862, 107-117.	1.9	10
6	Using FRAP to Quantify Changes in Transcription Factor Dynamics After Cell Stimulation: Cell Culture, FRAP, Data Analysis, and Visualization. <i>Methods in Molecular Biology</i> , 2021, 2221, 109-139.	0.9	6
7	Synthesis of PEO-based di-block glycopolymers at various pendant spacer lengths of glucose moiety and their <i>in-vitro</i> biocompatibility with MC3T3 osteoblast cells. <i>Designed Monomers and Polymers</i> , 2016, 19, 24-33.	1.6	4
8	RUNX2 and SOX9 protein mobility correlates to osteogenic and chondrogenic differentiation of mesenchymal stem cells. <i>Osteoarthritis and Cartilage</i> , 2018, 26, S109-S110.	1.3	3
9	Dancing transcription factors: What makes SOX9 move?. <i>Osteoarthritis and Cartilage</i> , 2016, 24, S173.	1.3	0
10	SOX9 transcriptional activity is dependent on the chondrocyte health state and is directly regulated by WNT3A, IL1 β and BMP7. <i>Osteoarthritis and Cartilage</i> , 2017, 25, S167.	1.3	0