

Venkata P Mantripragada

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

500
citations

759055

12
h-index

677027

22
g-index

23
all docs

23
docs citations

23
times ranked

705
citing authors

#	ARTICLE	IF	CITATIONS
1	An overview of recent advances in designing orthopedic and craniofacial implants. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101, 3349-3364.	2.1	156
2	Variability in the Preparation, Reporting, and Use of Bone Marrow Aspirate Concentrate in Musculoskeletal Disorders. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 517-525.	1.4	62
3	Bone regeneration using injectable BMP-7 loaded chitosan microparticles in rat femoral defect. <i>Materials Science and Engineering C</i> , 2016, 63, 596-608.	3.8	28
4	Effect of dual delivery of antibiotics (vancomycin and cefazolin) and BMP-7 from chitosan microparticles on <i>Staphylococcus epidermidis</i> and pre-osteoblasts in vitro. <i>Materials Science and Engineering C</i> , 2016, 67, 409-417.	3.8	26
5	Progenitor cells from different zones of human cartilage and their correlation with histopathological osteoarthritis progression. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1728-1738.	1.2	24
6	IGF-1 release kinetics from chitosan microparticles fabricated using environmentally benign conditions. <i>Materials Science and Engineering C</i> , 2014, 42, 506-516.	3.8	23
7	Donor-matched comparison of chondrogenic progenitors resident in human infrapatellar fat pad, synovium, and periosteum - implications for cartilage repair. <i>Connective Tissue Research</i> , 2019, 60, 597-610.	1.1	19
8	Histopathological assessment of primary osteoarthritic knees in large patient cohort reveal the possibility of several potential patterns of osteoarthritis initiation. <i>Current Research in Translational Medicine</i> , 2017, 65, 133-139.	1.2	17
9	Bone Marrow-Derived Cellular Therapies in Orthopaedics. <i>JBJS Reviews</i> , 2018, 6, e4-e4.	0.8	17
10	Primary Cells Isolated from Human Knee Cartilage Reveal Decreased Prevalence of Progenitor Cells but Comparable Biological Potential During Osteoarthritic Disease Progression. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 1771-1780.	1.4	17
11	High occurrence of osteoarthritic histopathological features unaccounted for by traditional scoring systems in lateral femoral condyles from total knee arthroplasty patients with varus alignment. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 89, 197-203.	1.2	16
12	Native-Osteoarthritic Joint Resident Stem and Progenitor Cells for Cartilage Cell-Based Therapies: A Quantitative Comparison With Respect to Concentration and Biological Performance. <i>American Journal of Sports Medicine</i> , 2019, 47, 3521-3530.	1.9	15
13	Injectable chitosan microparticles incorporating bone morphogenetic protein-7 for bone tissue regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, n/a-n/a.	2.1	12
14	Bone Marrow-Derived Cellular Therapies in Orthopaedics. <i>JBJS Reviews</i> , 2018, 6, e5-e5.	0.8	12
15	Reliable assessment of bone marrow and bone marrow concentrates using automated hematology analyzer. <i>Regenerative Medicine</i> , 2019, 14, 639-646.	0.8	9
16	Influence of Glucose Concentration on Colony-Forming Efficiency and Biological Performance of Primary Human Tissue-Derived Progenitor Cells. <i>Cartilage</i> , 2021, 13, 95S-106S.	1.4	9
17	Cellular Therapies in Orthopedics: Where Are We?. <i>Surgical Technology International</i> , 2017, 31, 359-364.	0.1	8
18	Automated in-process characterization and selection of cell-clones for quality and efficient cell manufacturing. <i>Cytotechnology</i> , 2020, 72, 615-627.	0.7	7

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19	Patient Age and Cell Concentration Influence Prevalence and Concentration of Progenitors in Bone Marrow Aspirates. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 1628-1636.	1.4	5
20	Characterization of heterogeneous primary human cartilage-derived cell population using non-invasive live-cell phase-contrast time-lapse imaging. <i>Cytotherapy</i> , 2021, 23, 488-499.	0.3	5
21	A comprehensive dataset of histopathology images, grades and patient demographics for human Osteoarthritis Cartilage. <i>Data in Brief</i> , 2021, 37, 107129.	0.5	5
22	Comparative Assessment of Primary Osteoarthritis Progression Using Conventional Histopathology, Polarized Light Microscopy, and Immunohistochemistry. <i>Cartilage</i> , 2020, , 194760352093845.	1.4	4
23	Assessment of Clinical, Tissue, and Cell-Level Metrics Identify Four Biologically Distinct Knee Osteoarthritis Patient Phenotypes. <i>Cartilage</i> , 2022, 13, 194760352210740.	1.4	4