

P R J V C Boopalan

List of Publications by Year in Descending Order

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Version: 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58
papers

416
citations

11
h-index

16
g-index

58
ext. papers

531
ext. citations

2.5
avg, IF

3.88
L-index

#	Paper	IF	Citations
58	Comparison of the efficiency of laminin versus fibronectin as a differential adhesion assay for isolation of human articular cartilage derived chondroprogenitors. <i>Connective Tissue Research</i> , 2021 , 62, 427-435	3.3	3
57	The Role of the Ilizarov Ring External Fixator in the Management of Tibial Fractures with Impending/Incomplete Compartment Syndrome. <i>Revista Brasileira De Ortopedia</i> , 2021 , 56, 579-587	0.5	
56	Association of Gut Microbiome and Vitamin D Deficiency in Knee Osteoarthritis Patients: A Pilot Study. <i>Nutrients</i> , 2021 , 13,	6.7	2
55	Use of an Angled Blade Plate for 31A3 Intertrochanteric Fractures. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021 , 103, 2006-2013	5.6	
54	Articular chondroprogenitors in platelet rich plasma for treatment of osteoarthritis and osteochondral defects in a rabbit knee model. <i>Knee</i> , 2021 , 30, 51-62	2.6	4
53	In Vitro chondrogenic differentiation of human articular cartilage derived chondroprogenitors using pulsed electromagnetic field. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2021 , 14, 22-28	2.1	4
52	Prospective Isolation and Characterization of Chondroprogenitors from Human Chondrocytes Based on CD166/CD34/CD146 Surface Markers. <i>Cartilage</i> , 2021 , 19476035211042412	3	0
51	Migratory chondroprogenitors retain superior intrinsic chondrogenic potential for regenerative cartilage repair as compared to human fibronectin derived chondroprogenitors. <i>Scientific Reports</i> , 2021 , 11, 23685	4.9	1
50	Correlation between synovial fluid calcium containing crystal estimation and varying grades of osteoarthritis created using a rabbit model: Potential diagnostic tool. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2020 , 11, S506-S511	2.1	1
49	Bilayer nanostructure coated AZ31 magnesium alloy implants: in vivo reconstruction of critical-sized rabbit femoral segmental bone defect. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020 , 29, 102232	6	7
48	Time to debridement in open high-grade lower limb fractures and its effect on union and infections: A prospective study in a tropical setting. <i>Journal of Orthopaedic Surgery</i> , 2020 , 28, 2309499020907538	1.4	3
47	The Poller Screw Technique: A Method of Fine-Tuning the Reduction in Locked Nailing. <i>Journal of Foot and Ankle Surgery</i> , 2020 , 59, 638-640	1.6	1
46	Comparative analysis of fresh chondrocytes, cultured chondrocytes and chondroprogenitors derived from human articular cartilage. <i>Acta Histochemica</i> , 2020 , 122, 151462	2	9
45	Characterization of human articular chondrocytes and chondroprogenitors derived from non-diseased and osteoarthritic knee joints to assess superiority for cell-based therapy. <i>Acta Histochemica</i> , 2020 , 122, 151588	2	7
44	Comparison of immunogenic markers of human chondrocytes and chondroprogenitors derived from non-diseased and osteoarthritic articular cartilage. <i>Journal of Orthopaedics, Trauma and Rehabilitation</i> , 2020 , 27, 63-67	0.1	
43	Pondering the Potential of Hyaline Cartilage-Derived Chondroprogenitors for Tissue Regeneration: A Systematic Review. <i>Cartilage</i> , 2020 , 1947603520951631	3	6
42	Management of Chronic Infected Intra-Articular Fractures of the Proximal Tibia with Ilizarov Ring Fixation. <i>Journal of Knee Surgery</i> , 2020 , 33, 213-222	2.4	1

41	Comparison of Electrophysiological Properties and Gene Expression between Human Chondrocytes and Chondroprogenitors Derived from Normal and Osteoarthritic Cartilage. <i>Cartilage</i> , 2020 , 11, 374-384 ³		4
40	Optimization of immunohistochemical detection of collagen type II in osteochondral sections by comparing decalcification and antigen retrieval agent combinations. <i>Clinical Anatomy</i> , 2020 , 33, 343-349 ^{2,5}		3
39	Evaluation of CD49e as a distinguishing marker for human articular cartilage derived chondroprogenitors. <i>Knee</i> , 2020 , 27, 833-837	2.6	4
38	Saving the ankle in distal fibular giant cell tumour - A case report. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2019 , 10, 1054-1058	2.1	2
37	Comparison of Reverse Sural Artery Flap Healing for Traumatic Injuries Above and Below the Ankle Joint. <i>Journal of Foot and Ankle Surgery</i> , 2019 , 58, 306-311	1.6	9
36	Allogeneic platelet rich plasma serves as a scaffold for articular cartilage derived chondroprogenitors. <i>Tissue and Cell</i> , 2019 , 56, 107-113	2.7	11
35	Intraarticular injection of allogenic chondroprogenitors for treatment of osteoarthritis in rabbit knee model. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2019 , 10, 16-23	2.1	4
34	Comparison of incremental concentrations of micron-sized superparamagnetic iron oxide for labelling articular cartilage derived chondroprogenitors. <i>Acta Histochemica</i> , 2019 , 121, 791-797	2	5
33	Similar regeneration of articular cartilage defects with autologous & allogenic chondrocytes in a rabbit model. <i>Indian Journal of Medical Research</i> , 2019 , 149, 650-655	2.9	5
32	Comparison of human articular chondrocyte and chondroprogenitor cocultures and monocultures: To assess chondrogenic potential and markers of hypertrophy. <i>Tissue and Cell</i> , 2019 , 57, 42-48	2.7	8
31	Outcome of screw post fixation of neglected posterior cruciate ligament bony avulsions. <i>Injury</i> , 2019 , 50, 784-789	2.5	4
30	Early outcome of culture-negative infection in open fractures of the lower limb: A prospective study. <i>Indian Journal of Medical Microbiology</i> , 2019 , 37, 19-23	1.3	4
29	Comparison of monosodium iodoacetate model of osteoarthritis between in-vivo and ex-vivo osteochondral unit in rabbits. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2019 , 10, S1-S2	2.1	
28	Reserve or Resident Progenitors in Cartilage? Comparative Analysis of Chondrocytes versus Chondroprogenitors and Their Role in Cartilage Repair. <i>Cartilage</i> , 2018 , 9, 171-182	3	14
27	Influence of magnesium particles and Pluronic F127 on compressive strength and cytocompatibility of nanocomposite injectable and moldable beads for bone regeneration. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018 , 88, 453-462	4.1	10
26	Creation of monosodium iodoacetate-induced model of osteoarthritis in rabbit knee joint. <i>Indian Journal of Medical Research</i> , 2018 , 147, 312-314	2.9	4
25	Nanostructure coated AZ31 magnesium cylindrical mesh cage for potential long bone segmental defect repair applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 172, 690-698	6	9
24	Complications of trans arterial embolization during the resuscitation of pelvic fractures. <i>Injury</i> , 2017 , 48, 2724-2729	2.5	1

23	Valgus osteotomy for nonunion and neglected neck of femur fractures. <i>World Journal of Orthopedics</i> , 2016 , 7, 301-7	2.2	16
22	Influence of Fracture Stability on Early Patient Mortality and Reoperation After Pertrochanteric and Intertrochanteric Hip Fractures. <i>Journal of Orthopaedic Trauma</i> , 2015 , 29, 538-43	3.1	18
21	Neglected Anterior Dislocation of the Knee with Common Peroneal Palsy. <i>Case Reports in Orthopedics</i> , 2015 , 2015, 174965	0.4	3
20	Time required for effective action of phenol against giant cell tumour cells. <i>Journal of Orthopaedic Surgery</i> , 2014 , 22, 104-7	1.4	5
19	Indices affecting outcome of neglected femoral neck fractures after valgus intertrochanteric osteotomy. <i>Journal of Orthopaedic Trauma</i> , 2014 , 28, 410-6	3.1	26
18	Can tibial plateau fractures be reduced and stabilised through an angiosome-sparing antero-lateral approach?. <i>Injury</i> , 2014 , 45, 766-74	2.5	11
17	The efficacy of single-stage open intramedullary nailing of neglected femur fractures. <i>Clinical Orthopaedics and Related Research</i> , 2014 , 472, 759-64	2.2	7
16	Impaction bone grafting of segmental bone defects in femoral non-unions. <i>Acta Orthopaedica Belgica</i> , 2013 , 79, 64-70	1.3	6
15	Functional outcome of biological condylar blade plating of subtrochanteric fractures. <i>Journal of Orthopaedic Science</i> , 2012 , 17, 567-73	1.6	6
14	Incidence and radiologic outcome of intraoperative lateral wall fractures in OTA 31A1 and A2 fractures treated with cephalomedullary nailing. <i>Journal of Orthopaedic Trauma</i> , 2012 , 26, 638-42	3.1	17
13	A simple solution for wound coverage by skin stretching. <i>Journal of Orthopaedic Trauma</i> , 2011 , 25, 127-32	3.1	14
12	Tuberculosis of and around the ankle. <i>Journal of Foot and Ankle Surgery</i> , 2011 , 50, 466-72	1.6	18
11	Pulsed electromagnetic field therapy results in healing of full thickness articular cartilage defect. <i>International Orthopaedics</i> , 2011 , 35, 143-8	3.8	31
10	Experience of using local flaps to cover open lower limb injuries at an Indian trauma center. <i>Journal of Emergencies, Trauma and Shock</i> , 2011 , 4, 325-9	1.2	10
9	Practical considerations in the making and use of high-dose antibiotic-loaded bone cement. <i>Acta Orthopaedica Belgica</i> , 2010 , 76, 543-5	1.3	10
8	Managing skin necrosis and prosthesis subluxation after total knee arthroplasty. <i>Journal of Arthroplasty</i> , 2009 , 24, 322.e23-7	4.4	5
7	Reconstruction of complete knee extensor mechanism loss with gastrocnemius flaps. <i>Clinical Orthopaedics and Related Research</i> , 2009 , 467, 2662-7	2.2	18
6	Pulsed electromagnetic field (PEMF) treatment for fracture healing. <i>Current Orthopaedic Practice</i> , 2009 , 20, 423-428	0.4	4

5	Open infected Achilles tendon injury--reconstruction of tendon with fascia lata graft and soft tissue cover with a reverse flow sural flap. <i>Foot and Ankle Surgery</i> , 2008 , 14, 96-9	3.1	19
4	Ipsilateral Galeazzi and Monteggia fracture. <i>Injury Extra</i> , 2007 , 38, 308-311		3
3	Rabbit articular cartilage defects treated by allogenic chondrocyte transplantation. <i>International Orthopaedics</i> , 2006 , 30, 357-61	3.8	17
2	Validation of the ankle demerit score in Asian population. <i>Foot and Ankle Surgery</i> , 2004 , 10, 17-21	3.1	1
1	In vitro characterization of human articular chondrocytes and chondroprogenitors derived from normal and osteoarthritic knee joints		1