

P R J V C Boopalan

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

664
citations

566801

15
h-index

713013

21
g-index

58
all docs

58
docs citations

58
times ranked

709
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Fracture Stability on Early Patient Mortality and Reoperation After Pertrochanteric and Intertrochanteric Hip Fractures. <i>Journal of Orthopaedic Trauma</i> , 2015, 29, 538-543.	0.7	40
2	Pulsed electromagnetic field therapy results in healing of full thickness articular cartilage defect. <i>International Orthopaedics</i> , 2011, 35, 143-148.	0.9	36
3	Reconstruction of Complete Knee Extensor Mechanism Loss with Gastrocnemius Flaps. <i>Clinical Orthopaedics and Related Research</i> , 2009, 467, 2662-2667.	0.7	30
4	Indices Affecting Outcome of Neglected Femoral Neck Fractures After Valgus Intertrochanteric Osteotomy. <i>Journal of Orthopaedic Trauma</i> , 2014, 28, 410-416.	0.7	29
5	Tuberculosis of and around the Ankle. <i>Journal of Foot and Ankle Surgery</i> , 2011, 50, 466-472.	0.5	25
6	Valgus osteotomy for nonunion and neglected neck of femur fractures. <i>World Journal of Orthopedics</i> , 2016, 7, 301.	0.8	25
7	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, 638-642.	0.7	24
8	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, 96-99.	0.8	23
9	Comparative analysis of fresh chondrocytes, cultured chondrocytes and chondroprogenitors derived from human articular cartilage. <i>Acta Histochemica</i> , 2020, 122, 151462.	0.9	23
10	A Simple Solution for Wound Coverage by Skin Stretching. <i>Journal of Orthopaedic Trauma</i> , 2011, 25, 127-132.	0.7	21
11	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.	1.4	21
12	Rabbit articular cartilage defects treated by allogenic chondrocyte transplantation. <i>International Orthopaedics</i> , 2006, 30, 357-361.	0.9	17
13	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.	1.5	17
14	Allogeneic platelet rich plasma serves as a scaffold for articular cartilage derived chondroprogenitors. <i>Tissue and Cell</i> , 2019, 56, 107-113.	1.0	17
15	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.	0.9	17
16	Pondering the Potential of Hyaline Cartilage—Derived Chondroprogenitors for Tissue Regeneration: A Systematic Review. <i>Cartilage</i> , 2021, 13, 34S-52S.	1.4	17
17	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.	2.5	15
18	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.	1.7	15

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19	Association of Gut Microbiome and Vitamin D Deficiency in Knee Osteoarthritis Patients: A Pilot Study. <i>Nutrients</i> , 2021, 13, 1272.	1.7	15
20	Can tibial plateau fractures be reduced and stabilised through an angiosome-sparing antero-lateral approach?. <i>Injury</i> , 2014, 45, 766-774.	0.7	13
21	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.	1.0	13
22	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.	0.5	12
23	Evaluation of CD49e as a distinguishing marker for human articular cartilage derived chondroprogenitors. <i>Knee</i> , 2020, 27, 833-837.	0.8	11
24	Practical considerations in the making and use of high-dose antibiotic-loaded bone cement. <i>Acta Orthopaedica Belgica</i> , 2010, 76, 543-5.	0.1	11
25	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.	1.6	11
26	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.	0.3	10
27	The Efficacy of Single-stage Open Intramedullary Nailing of Neglected Femur Fractures. <i>Clinical Orthopaedics and Related Research</i> , 2014, 472, 759-764.	0.7	9
28	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.	0.6	9
29	Managing Skin Necrosis and Prosthesis Subluxation After Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2009, 24, 322.e23-322.e27.	1.5	8
30	Functional outcome of biological condylar blade plating of subtrochanteric fractures. <i>Journal of Orthopaedic Science</i> , 2012, 17, 567-573.	0.5	8
31	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.	1.1	8
32	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, 230949902090755.	0.4	8
33	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.	0.8	8
34	Pulsed electromagnetic field (PEMF) treatment for fracture healing. <i>Current Orthopaedic Practice</i> , 2009, 20, 423-428.	0.1	7
35	Saving the ankle in distal fibular giant cell tumour " A case report. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2019, 10, 1054-1058.	0.6	7
36	Similar regeneration of articular cartilage defects with autologous & allogenic chondrocytes in a rabbit model. <i>Indian Journal of Medical Research</i> , 2019, 149, 650.	0.4	7

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37	Creation of monosodium iodoacetate-induced model of osteoarthritis in rabbit knee joint. <i>Indian Journal of Medical Research</i> , 2018, 147, 312.	0.4	7
38	Impaction bone grafting of segmental bone defects in femoral non-unions. <i>Acta Orthopaedica Belgica</i> , 2013, 79, 64-70.	0.1	7
39	Time Required for Effective Action of Phenol against Giant Cell Tumour Cells. <i>Journal of Orthopaedic Surgery</i> , 2014, 22, 104-107.	0.4	6
40	Comparison of incremental concentrations of micron-sized superparamagnetic iron oxide for labelling articular cartilage derived chondroprogenitors. <i>Acta Histochemica</i> , 2019, 121, 791-797.	0.9	6
41	Outcome of screw post fixation of neglected posterior cruciate ligament bony avulsions. <i>Injury</i> , 2019, 50, 784-789.	0.7	6
42	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.	1.4	6
43	Neglected Anterior Dislocation of the Knee with Common Peroneal Palsy. <i>Case Reports in Orthopedics</i> , 2015, 2015, 1-3.	0.1	5
44	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.	0.3	5
45	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.	1.5	5
46	InÂvitro chondrogenic differentiation of human articular cartilage derived chondroprogenitors using pulsed electromagnetic field. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2021, 14, 22-28.	0.6	5
47	Prospective Isolation and Characterization of Chondroprogenitors from Human Chondrocytes Based on CD166/CD34/CD146 Surface Markers. <i>Cartilage</i> , 2021, 13, 808S-817S.	1.4	5
48	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.	0.9	4
49	Ipsilateral Galeazzi and Monteggia fracture. <i>Injury Extra</i> , 2007, 38, 308-311.	0.2	3
50	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.	0.5	2
51	Validation of the ankle demerit score in Asian population. <i>Foot and Ankle Surgery</i> , 2004, 10, 17-21.	0.8	1
52	Complications of trans arterial embolization during the resuscitation of pelvic fractures. <i>Injury</i> , 2017, 48, 2724-2729.	0.7	1
53	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.	0.6	1
54	Use of an Angled Blade Plate for 31A3 Intertrochanteric Fractures. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, Publish Ahead of Print, 2006-2013.	1.4	1

#	ARTICLE	IF	CITATIONS
55	Comparison of monosodium iodoacetate model of osteoarthritis between in-vivo and ex-vivo osteochondral unit in rabbits. Journal of Clinical Orthopaedics and Trauma, 2019, 10, S1-S2.	0.6	0
56	Comparison of immunogenic markers of human chondrocytes and chondroprogenitors derived from non-diseased and osteoarthritic articular cartilage. Journal of Orthopaedics, Trauma and Rehabilitation, 2020, 27, 63-67.	0.1	0
57	Função do fixador externo circular de Ilizarov no tratamento de fraturas tibiais com síndrome compartimental iminente/incompleta. Revista Brasileira De Ortopedia, 2021, 56, 579-587.	0.2	0