

# Roberto E Buda

## List of Publications by Year in descending order

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98  
papers

5,717  
citations

109321  
35  
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74163  
75  
g-index

98  
all docs

98  
docs citations

98  
times ranked

3440  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surgical Treatment of Osteochondral Lesions of the Talus in Young Active Patients. Journal of Bone and Joint Surgery - Series A, 2005, 87, 28-41.	3.0	656
2	Platelet-Rich Plasma Intra-Articular Injection Versus Hyaluronic Acid Viscosupplementation as Treatments for Cartilage Pathology: From Early Degeneration to Osteoarthritis. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2011, 27, 1490-1501.	2.7	476
3	Platelet-rich plasma: intra-articular knee injections produced favorable results on degenerative cartilage lesions. Knee Surgery, Sports Traumatology, Arthroscopy, 2010, 18, 472-479.	4.2	457
4	Platelet-rich plasma intra-articular knee injections for the treatment of degenerative cartilage lesions and osteoarthritis. Knee Surgery, Sports Traumatology, Arthroscopy, 2011, 19, 528-535.	4.2	347
5	One-step Bone Marrow-derived Cell Transplantation in Talar Osteochondral Lesions. Clinical Orthopaedics and Related Research, 2009, 467, 3307-3320.	1.5	260
6	Arthroscopic Autologous Chondrocyte Implantation in Osteochondral Lesions of the Talus. American Journal of Sports Medicine, 2008, 36, 873-880.	4.2	216
7	Autologous Chondrocyte Transplantation in Osteochondral Lesions of the Ankle Joint. Foot and Ankle International, 2001, 22, 513-517.	2.3	198
8	Osteochondral Lesions of the Knee: A New One-Step Repair Technique with Bone-Marrow-Derived Cells. Journal of Bone and Joint Surgery - Series A, 2010, 92, 2-11.	3.0	171
9	Cartilage repair evolution in post-traumatic osteochondral lesions of the talus: From open field autologous chondrocyte to bone-marrow-derived cells transplantation. Injury, 2010, 41, 1196-1203.	1.7	170
10	One-Step Repair in Talar Osteochondral Lesions. American Journal of Sports Medicine, 2013, 41, 511-518.	4.2	166
11	Efficacy of Ultrasound-guided Intra-articular Injections of Platelet-rich Plasma Versus Hyaluronic Acid for Hip Osteoarthritis. Orthopedics, 2013, 36, e1501-8.	1.1	136
12	Surgical Treatment of Osteochondral Lesions of the Talus by Open-Field Autologous Chondrocyte Implantation. American Journal of Sports Medicine, 2009, 37, 112-118.	4.2	123
13	Effects of freezing on the biomechanical and structural properties of human posterior tibial tendons. International Orthopaedics, 2008, 32, 145-151.	1.9	108
14	The detached osteochondral fragment as a source of cells for autologous chondrocyte implantation (ACI) in the ankle joint. Osteoarthritis and Cartilage, 2005, 13, 601-607.	1.3	100
15	Autologous Chondrocyte Implantation in the Knee Joint: Open Compared with Arthroscopic Technique. Journal of Bone and Joint Surgery - Series A, 2008, 90, 90-101.	3.0	96
16	Arthroscopic autologous chondrocyte implantation in osteochondral lesions of the talus: mid-term T2-mapping MRI evaluation. Knee Surgery, Sports Traumatology, Arthroscopy, 2011, 19, 1376-1384.	4.2	81
17	Regenerative treatment in osteochondral lesions of the talus: autologous chondrocyte implantation versus one-step bone marrow derived cells transplantation. International Orthopaedics, 2015, 39, 893-900.	1.9	74
18	Arthroscopic autologous chondrocyte implantation in the ankle joint. Knee Surgery, Sports Traumatology, Arthroscopy, 2014, 22, 1311-1319.	4.2	72

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19	Augmentation technique with semitendinosus and gracilis tendons in chronic partial lesions of the ACL: clinical and arthrometric analysis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2006, 14, 1101-1107.	4.2	71
20	Validity of T2 mapping in characterization of the regeneration tissue by bone marrow derived cell transplantation in osteochondral lesions of the ankle. <i>European Journal of Radiology</i> , 2011, 80, e132-e139.	2.6	71
21	Debridement, Curettage, and Bone Marrow Stimulation: Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle. <i>Foot and Ankle International</i> , 2018, 39, 16S-22S.	2.3	66
22	One-step arthroscopic technique for the treatment of osteochondral lesions of the knee with bone-marrow-derived cells: three years results. <i>Musculoskeletal Surgery</i> , 2013, 97, 145-151.	1.5	63
23	Cartilage repair procedures associated with high tibial osteotomy in varus knees: Clinical results at 11years' follow-up. <i>Knee</i> , 2014, 21, 445-450.	1.6	62
24	Bipolar Fresh Osteochondral Allograft of the Ankle. <i>Foot and Ankle International</i> , 2010, 31, 38-46.	2.3	57
25	How to Treat Osteochondritis Dissecans of the Knee: Surgical Techniques and New Trends. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012, 94, e1.	3.0	53
26	Posterior Ankle Impingement. <i>Foot and Ankle International</i> , 2013, 34, 459-465.	2.3	52
27	Effects of biophysical stimulation in patients undergoing arthroscopic reconstruction of anterior cruciate ligament: prospective, randomized and double blind study. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2008, 16, 595-601.	4.2	50
28	Allograft Salvage Procedure in Multiple-Revision Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2013, 41, 402-410.	4.2	49
29	Conservative Management and Biological Treatment Strategies: Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle. <i>Foot and Ankle International</i> , 2018, 39, 9S-15S.	2.3	49
30	Osteoarticular grafts in the treatment of OCD of the talus: mosaicplasty versus autologous chondrocyte transplantation. <i>Foot and Ankle Clinics</i> , 2002, 7, 621-633.	1.3	47
31	Arthroscopic Treatment of Ankle Anterior Bony Impingement. <i>Foot and Ankle International</i> , 2014, 35, 148-155.	2.3	46
32	Scaffold-Based Therapies: Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle. <i>Foot and Ankle International</i> , 2018, 39, 41S-47S.	2.3	45
33	Partial ACL tears augmented with distally inserted hamstring tendons and over-the-top fixation: An MRI evaluation. <i>Knee</i> , 2008, 15, 111-116.	1.6	44
34	The Treatment of Severe Posttraumatic Arthritis of the Ankle Joint. <i>Journal of Bone and Joint Surgery - Series A</i> , 2007, 89, 15-28.	3.0	41
35	Bone Marrow-derived Cells and Biophysical Stimulation for Talar Osteochondral Lesions. <i>Foot and Ankle International</i> , 2014, 35, 981-987.	2.3	41
36	Hamstring graft tibial insertion preservation versus detachment in anterior cruciate ligament reconstruction: a prospective randomized comparative study. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2016, 26, 657-664.	1.4	37

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37	Fixation Techniques: Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle. <i>Foot and Ankle International</i> , 2018, 39, 23S-27S.	2.3	37
38	Does Patient Sex Influence Cartilage Surgery Outcome?. <i>American Journal of Sports Medicine</i> , 2013, 41, 1827-1834.	4.2	31
39	“One Step” Treatment of Juvenile Osteochondritis Dissecans in the Knee: Clinical Results and T2 Mapping Characterization. <i>Orthopedic Clinics of North America</i> , 2012, 43, 237-244.	1.2	30
40	Failures in bipolar fresh osteochondral allograft for the treatment of end-stage knee osteoarthritis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 2081-2089.	4.2	30
41	Pulsed electromagnetic fields combined with a collagenous scaffold and bone marrow concentrate enhance osteochondral regeneration: an in vivo study. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 233.	1.9	29
42	“One-step” bone marrow-derived cells transplantation and joint debridement for osteochondral lesions of the talus in ankle osteoarthritis: clinical and radiological outcomes at 36 months. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2016, 136, 107-116.	2.4	29
43	One-step bone marrow-derived cell transplantation in talarosteochondral lesions: mid-term results. <i>Joints</i> , 2013, 01, 102-107.	1.5	27
44	Foot Overuse Diseases in Rock Climbing. <i>Journal of the American Podiatric Medical Association</i> , 2013, 103, 113-120.	0.3	25
45	Partial ACL Tears: Anatomic Reconstruction Versus Nonanatomic Augmentation Surgery. <i>Orthopedics</i> , 2013, 36, e1108-13.	1.1	25
46	Subchondral Pathology: Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle. <i>Foot and Ankle International</i> , 2018, 39, 48S-53S.	2.3	25
47	Repair Potential of Matrix-Induced Bone Marrow Aspirate Concentrate and Matrix-Induced Autologous Chondrocyte Implantation for Talar Osteochondral Repair. <i>Cartilage</i> , 2017, 8, 50-60.	2.7	24
48	Combined Arthroscopic Treatment of Tibial Plateau and Intercondylar Eminence Avulsion Fractures. <i>Journal of Bone and Joint Surgery - Series A</i> , 2010, 92, 161-169.	3.0	23
49	Ankle surgery: focus on arthroscopy. <i>Musculoskeletal Surgery</i> , 2013, 97, 237-245.	1.5	21
50	Autologous Chondrocyte Implantation for Talar Osteochondral Lesions: Comparison Between 5-Year Follow-Up Magnetic Resonance Imaging Findings and 7-Year Follow-Up Clinical Results. <i>Journal of Foot and Ankle Surgery</i> , 2018, 57, 221-225.	1.0	21
51	Rehabilitation and Return to Sports: Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle. <i>Foot and Ankle International</i> , 2018, 39, 61S-67S.	2.3	21
52	Treatment of Hemophilic Ankle Arthropathy with One-Step Arthroscopic Bone Marrow-Derived Cells Transplantation. <i>Cartilage</i> , 2015, 6, 150-155.	2.7	20
53	Osteochondral Allograft: Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle. <i>Foot and Ankle International</i> , 2018, 39, 35S-40S.	2.3	20
54	Post-treatment Follow-up, Imaging, and Outcome Scores: Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle. <i>Foot and Ankle International</i> , 2018, 39, 68S-73S.	2.3	20

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55	Temperature-controlled continuous cold flow device versus traditional icing regimen following anterior cruciate ligament reconstruction: a prospective randomized comparative trial. Archives of Orthopaedic and Trauma Surgery, 2015, 135, 1405-1410.	2.4	19
56	Joint sparing treatments in early ankle osteoarthritis: current procedures and future perspectives. Journal of Experimental Orthopaedics, 2016, 3, 3.	1.8	18
57	Surgical treatment of stage II posterior tibialis tendon dysfunction: ten-year clinical and radiographic results. European Journal of Orthopaedic Surgery and Traumatology, 2018, 28, 139-145.	1.4	18
58	Diagnosis: History, Physical Examination, Imaging, and Arthroscopy: Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle. Foot and Ankle International, 2018, 39, 3S-8S.	2.3	18
59	Ligament repair: A molecular and immunohistological characterization. Journal of Biomedical Materials Research - Part A, 2008, 84A, 117-127.	4.0	17
60	High tibial osteotomy for the treatment of medial osteoarthritis of the knee with new iBalance system: 2Âyears of follow-up. European Journal of Orthopaedic Surgery and Traumatology, 2016, 26, 523-535.	1.4	17
61	Survivorship of Bipolar Fresh Total Osteochondral Ankle Allograft. Foot and Ankle International, 2014, 35, 243-251.	2.3	16
62	One-step bone marrow-derived cell transplantation in talarosteochondral lesions: mid-term results. Joints, 2013, 1, 102-7.	1.5	16
63	Treatment of juvenile osteochondritis dissecans of the talus: current concepts review. Joints, 2014, 2, 188-91.	1.5	16
64	Ankle Bipolar Fresh Osteochondral Allograft Survivorship and Integration. Journal of Bone and Joint Surgery - Series A, 2013, 95, 1852-1860.	3.0	15
65	Anatomic Anterior Cruciate Ligament Reconstruction Using Distally Inserted Doubled Hamstrings Tendons. Orthopedics, 2013, 36, 449-453.	1.1	15
66	Treatment of Osteochondritis Dissecans of the Talus in Skeletally Immature Population. Foot and Ankle Specialist, 2016, 9, 265-270.	1.0	14
67	Arthroscopic Treatment and Prognostic Classification of Anterior Soft Tissue Impingement of the Ankle. Foot and Ankle International, 2016, 37, 33-39.	2.3	14
68	Regenerative treatment of osteochondral lesions of distal tibial plafond. European Journal of Orthopaedic Surgery and Traumatology, 2018, 28, 1199-1207.	1.4	14
69	Bone marrow aspirate concentrate and scaffold for osteochondral lesions of the talus in ankle osteoarthritis: satisfactory clinical outcome at 10 years. Knee Surgery, Sports Traumatology, Arthroscopy, 2021, 29, 2504-2510.	4.2	14
70	Stem Cells in Osteochondral Tissue Engineering. Advances in Experimental Medicine and Biology, 2018, 1058, 359-372.	1.6	12
71	A useful combination for the treatment of patellofemoral chondral lesions: realignment procedure plus mesenchymal stem cellâ€”retrospective analysis and clinical results at 48 months of follow-up. European Journal of Orthopaedic Surgery and Traumatology, 2019, 29, 461-470.	1.4	12
72	Bipolar fresh osteochondral allograft for the treatment of glenohumeral post-traumatic arthritis. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 1953-1957.	4.2	11

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73	Treatment Algorithm for Chronic Achilles Tendon Lesions. Journal of the American Podiatric Medical Association, 2017, 107, 144-149.	0.3	11
74	Tissue Bioengineering in the Treatment of Osteochondritis Dissecans of the Talus in Children With Open Physis: Preliminary Results. Journal of Pediatric Orthopaedics, 2018, 38, 375-381.	1.2	11
75	Revision and Salvage Management: Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle. Foot and Ankle International, 2018, 39, 54S-60S.	2.3	11
76	Conversion of Painful Ankle Arthrodesis to Bipolar Fresh Osteochondral Allograft: Case Report. Foot and Ankle International, 2012, 33, 678-681.	2.3	10
77	Osteochondral Allografts in the Ankle Joint. Cartilage, 2013, 4, 204-213.	2.7	10
78	Over-the-Top Anterior Cruciate Ligament Reconstruction Using Single- or Double-Strand Hamstrings Autograft. Orthopedics, 2015, 38, e635-43.	1.1	10
79	Combination of High Tibial Osteotomy and Autologous Bone Marrow Derived Cell Implantation in Early Osteoarthritis of Knee: A Preliminary Study. Archives of Bone and Joint Surgery, 2018, 6, 112-118.	0.2	9
80	Terminology for osteochondral lesions of the ankle: proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle. Journal of ISAKOS, 2022, 7, 62-66.	2.3	8
81	Effective Label-Free Sorting of Multipotent Mesenchymal Stem Cells from Clinical Bone Marrow Samples. Bioengineering, 2022, 9, 49.	3.5	8
82	Bipolar Fresh Total Osteochondral Allograft: Why, Where, When. Journal of Bone and Joint Surgery - Series A, 2014, 96, e65.	3.0	7
83	Osteochondritis dissecans. Histopathology, 2007, 51, 133-134.	2.9	6
84	Return to Sport after ACL Surgery: A Comparison between Two Different Reconstructive Techniques. Journal of Knee Surgery, 2019, 32, 513-518.	1.6	5
85	Bipolar Fresh Osteochondral Allograft for the Treatment of Hallux Rigidus. Foot and Ankle International, 2013, 34, 908-911.	2.3	4
86	SURGICAL TREATMENT OF OSTEOCHONDRAL LESIONS OF THE TALUS IN YOUNG ACTIVE PATIENTS. Journal of Bone and Joint Surgery - Series A, 2005, 87, 28-41.	3.0	4
87	Paediatric ankle cartilage lesions: Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle. Journal of ISAKOS, 2022, 7, 90-94.	2.3	4
88	Total femoral and tibial osteochondral allograft for remobilizing a knee after arthrodesis. Knee Surgery, Sports Traumatology, Arthroscopy, 2013, 21, 2784-2789.	4.2	3
89	Subchondral Bone Regenerative Effect of Two Different Biomaterials in the Same Patient. Case Reports in Orthopedics, 2013, 2013, 1-5.	0.3	2
90	The biological respect of the posterolateral bundle in ACL partial injuries. Retrospective analysis of 2 different surgical management of ACL partial tear in a population of high-demanding sport patients. European Journal of Orthopaedic Surgery and Traumatology, 2019, 29, 651-658.	1.4	2

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91	FiveÂyears of clinical and radiological results with biplanar tibial open-wedge osteotomy: feasible option to prevent patella infera?. European Journal of Orthopaedic Surgery and Traumatology, 2021, 31, 95-103.	1.4	2
92	The role of mesenchimal stem cells in the treatment of osteochondral lesions and osteoarthritis of the ankle. Minerva Orthopedics, 2022, 72, .	1.0	2
93	Osteochondritis dissecans lesions of the knee restored by bone marrow aspirate concentrate. Clinical and imaging results in 18 patients. European Journal of Orthopaedic Surgery and Traumatology, 2022, , .	1.4	2
94	Osteochondral repair in hemophilic ankle arthropathy: from current options to future perspectives. Joints, 2015, 03, 201-207.	1.5	1
95	Ankle and Foot: Foot Abnormalities and Pathologies. , 2014, , 223-235.		0
96	Ankle and Foot: Osteochondritis Dissecans of the Talus. , 2014, , 195-203.		0
97	Ankle Osteochondral Lesions. , 2015, , 343-350.		0
98	Restore by Mesenchymal Cells. , 2020, , 101-106.		0