Allen T Bishop

List of Publications by Year
in descending order

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166 papers	5,750 citations	87723 38 h-index	91712 69 g-index
170 all docs	170 docs citations	170 times ranked	2875 citing authors

#	Article	IF	Citations
1	The arterial blood supply of the distal radius and ulna and its potential use in vascularized pedicled bone grafts. Journal of Hand Surgery, 1995, 20, 902-914.	0.7	287
2	The Outcomes and Complications of 1,2-Intercompartmental Supraretinacular Artery Pedicled Vascularized Bone Grafting of Scaphoid Nonunions. Journal of Hand Surgery, 2006, 31, 387-396.	0.7	249
3	Adult Traumatic Brachial Plexus Injuries. Journal of the American Academy of Orthopaedic Surgeons, The, 2005, 13, 382-396.	1.1	202
4	Use of the 1,2 intercompartmental supraretinacular artery as a vascularized pedicle bone graft for difficult scaphoid nonunion. Journal of Hand Surgery, 2002, 27, 391-401.	0.7	180
5	Current Concepts of the Treatment of Adult Brachial Plexus Injuries. Journal of Hand Surgery, 2010, 35, 678-688.	0.7	172
6	Treatment of Scaphoid Waist Nonunions with an Avascular Proximal Pole and Carpal Collapse. Journal of Bone and Joint Surgery - Series A, 2008, 90, 2616-2625.	1.4	162
7	The use of the 4 + 5 extensor compartmental vascularized bone graft for the treatment of KienbÃ¶ckâ€™s disease. Journal of Hand Surgery, 2005, 30, 50-58.	0.7	161
8	Gracilis free muscle transfer for restoration of function after complete brachial plexus avulsion. Neurosurgical Focus, 2004, 16, 1-9.	1.0	145
9	Free vascularized corticoperiosteal bone graft for the treatment of persistent nonunion of the clavicle. Journal of Shoulder and Elbow Surgery, 2005, 14, 264-268.	1.2	141
10	Adult Traumatic Brachial Plexus Injuries. Journal of the American Academy of Orthopaedic Surgeons, The, 2019, 27, 705-716.	1.1	136
11	Treatment of a Segmental Nerve Defect in the Rat with Use of Bioabsorbable Synthetic Nerve Conduits: A Comparison of Commercially Available Conduits. Journal of Bone and Joint Surgery - Series A, 2009, 91, 2194-2204.	1.4	129
12	The Use of Massive Bone Allograft with Intramedullary Free Fibular Flap for Limb Salvage in a Pediatric and Adolescent Population. Plastic and Reconstructive Surgery, 2006, 118, 413-419.	0.7	118
13	Role of conventional and vascularized bone grafts in scaphoid nonunion with avascular necrosis: A canine experimental study. Journal of Hand Surgery, 2000, 25, 849-859.	0.7	117
14	Free-Vascularized Medial Femoral Condyle Bone Transfer in the Treatment of Scaphoid Nonunions. Plastic and Reconstructive Surgery, 2010, 125, 1176-1184.	0.7	115
15	Return of Motor Function After Segmental Nerve Loss in a Rat Model: Comparison of Autogenous Nerve Graft, Collagen Conduit, and Processed Allograft (AxoGen). Journal of Bone and Joint Surgery - Series A, 2012, 94, 410-417.	1.4	96
16	Factors Affecting Outcome of Triceps Motor Branch Transfer for Isolated Axillary Nerve Injury. Journal of Hand Surgery, 2012, 37, 2350-2356.	0.7	91
17	Pedicled Vascularized Bone Grafts for Disorders of the Carpus: Scaphoid Nonunion and KienbÃ¶ckÊ¼s Disease. Journal of the American Academy of Orthopaedic Surgeons, The, 2002, 10, 210-216.	1.1	87
18	Tendon Transfer Options About the Shoulder in Patients with Brachial Plexus Injury. Journal of Bone and Joint Surgery - Series A, 2012, 94, 1391-1398.	1.4	83

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19	Functioning free-muscle transfer for brachial plexus injury. Hand Clinics, 2005, 21, 91-102.	0.4	82
20	Hemi-Contralateral C7 Transfer in Traumatic Brachial Plexus Injuries: Outcomes and Complications. Journal of Bone and Joint Surgery - Series A, 2012, 94, 131-137.	1.4	82
21	Partial Tibial Nerve Transfer to the Tibialis Anterior Motor Branch to Treat Peroneal Nerve Injury After Knee Trauma. Clinical Orthopaedics and Related Research, 2012, 470, 779-790.	0.7	78
22	Free Medial Femoral Condyle Bone Grafting for Scaphoid Nonunions With Humpback Deformity and Proximal Pole Avascular Necrosis. Techniques in Hand and Upper Extremity Surgery, 2007, 11, 246-258.	0.3	77
23	Free Vascularized Fibular Graft Salvage of Complications of Long-Bone Allograft After Tumor Reconstruction. Journal of Bone and Joint Surgery - Series A, 2008, 90, 93-100.	1.4	77
24	Vascularized Free Fibula Transfer for Oncologic Reconstruction of the Humerus. Clinical Orthopaedics and Related Research, 2005, &NA;, 80-84.	0.7	73
25	Iatrogenic Nerve Injuries During Shoulder Surgery. Journal of Bone and Joint Surgery - Series A, 2013, 95, 1667-1674.	1.4	73
26	What Is the Outcome of Allograft and Intramedullary Free Fibula (Capanna Technique) in Pediatric and Adolescent Patients With Bone Tumors?. Clinical Orthopaedics and Related Research, 2016, 474, 660-668.	0.7	70
27	Isometric tetanic force measurement method of the tibialis anterior in the rat. Microsurgery, 2008, 28, 452-457.	0.6	69
28	Treatment of Scaphoid Waist Nonunions with an Avascular Proximal Pole and Carpal Collapse. Journal of Bone and Joint Surgery - Series A, 2009, 91, 169-183.	1.4	68
29	Improved Healing of Large Segmental Defects in the Rat Femur by Reverse Dynamization in the Presence of Bone Morphogenetic Protein-2. Journal of Bone and Joint Surgery - Series A, 2012, 94, 2063-2073.	1.4	61
30	The role of vascularization in nerve regeneration of nerve graft. Neural Regeneration Research, 2020, 15, 1573.	1.6	61
31	Vascularized bone grafts for scaphoid nonunion and KienbÃ¶ck's disease. Orthopedic Clinics of North America, 2001, 32, 263-277.	0.5	56
32	Cell repopulation in vascularized bone grafts. Journal of Orthopaedic Research, 2002, 20, 772-778.	1.2	51
33	Late Reconstruction for Brachial Plexus Injury. Neurosurgery Clinics of North America, 2009, 20, 51-64.	0.8	51
34	Experimental carpal reverse-flow pedicle vascularized bone grafts. Part II: Bone blood flow measurement by radioactive-labeled microspheres in a canine model. Journal of Hand Surgery, 2000, 25, 46-54.	0.7	48
35	Vascular endothelial growth factor (VEGF) gene transfer enhances surgical revascularization of necrotic bone. Journal of Orthopaedic Research, 2005, 23, 469-474.	1.2	45
36	Free Functioning Gracilis Muscle Transfer With and Without Simultaneous Intercostal Nerve Transfer to Musculocutaneous Nerve for Restoration of Elbow Flexion After Traumatic Adult Brachial Pan-Plexus Injury. Journal of Hand Surgery, 2017, 42, 293.e1-293.e7.	0.7	44

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37	Optimizing decellularization techniques to create a new nerve allograft: an in vitro study using rodent nerve segments. Neurosurgical Focus, 2017, 42, E4.	1.0	44
38	Vascularized Pedicled Bone Grafts for Disorders of the Carpus. Techniques in Hand and Upper Extremity Surgery, 1998, 2, 94-109.	0.3	40
39	The Best of Tendon and Nerve Transfers in the Upper Extremity. Plastic and Reconstructive Surgery, 2015, 135, 617e-630e.	0.7	40
40	Donor-Site Morbidity and Functional Status following Medial Femoral Condyle Flap Harvest. Plastic and Reconstructive Surgery, 2018, 142, 734e-741e.	0.7	39
41	Free Functioning Gracilis Muscle Transfer versus Intercostal Nerve Transfer to Musculocutaneous Nerve for Restoration of Elbow Flexion after Traumatic Adult Brachial Pan-Plexus Injury. Plastic and Reconstructive Surgery, 2016, 138, 483e-488e.	0.7	38
42	Risk Factors for Pulmonary Embolism and the Effects of Fondaparinux After Total Hip and Knee Arthroplasty: A Retrospective Observational Study with Use of a National Database in Japan. Journal of Bone and Joint Surgery - Series A, 2011, 93, e146(1)-e146(7).	1.4	37
43	VEGF-promoted surgical angiogenesis in necrotic bone. Microsurgery, 2004, 24, 85-91.	0.6	35
44	Evaluation of infraspinatus reinnervation and function following spinal accessory nerve to suprascapular nerve transfer in adult traumatic brachial plexus injuries. Microsurgery, 2017, 37, 365-370.	0.6	34
45	A VASCULARIZED BONE GRAFT FOR REPAIR OF SCAPHOID NONUNION. Hand Clinics, 2001, 17, 647-653.	0.4	33
46	Experimental carpal reverse-flow pedicle vascularized bone grafts. Part I: The anatomical basis of vascularized pedicle bone grafts based on the canine distal radius and ulna. Journal of Hand Surgery, 2000, 25, 34-45.	0.7	32
47	Bone Grafting for Scaphoid Nonunions: Is Free Vascularized Bone Grafting Superior for Scaphoid Nonunion?. Hand, 2019, 14, 217-222.	0.7	32
48	Detection of chimerism following vascularized bone allotransplantation by polymerase chain reaction using a Y-chromosome specific primer. Journal of Orthopaedic Research, 2003, 21, 1056-1062.	1.2	31
49	A Comparison of Manual and Quantitative Elbow Strength Testing. American Journal of Physical Medicine and Rehabilitation, 2012, 91, 856-862.	0.7	31
50	Concomitant Traumatic Spinal Cord and Brachial Plexus Injuries in Adult Patients. Journal of Bone and Joint Surgery - Series A, 2011, 93, 2271-2277.	1.4	31
51	Vascular endothelial growth factor promotion of neoangiogenesis in conventional nerve grafts. Journal of Hand Surgery, 2002, 27, 277-285.	0.7	30
52	Anatomical Study of the Axillary Nerve. Plastic and Reconstructive Surgery, 2016, 138, 419-426.	0.7	30
53	A Simple Dynamic Strategy to Deliver Stem Cells to Decellularized Nerve Allografts. Plastic and Reconstructive Surgery, 2018, 142, 402-413.	0.7	30
54	Scaphocapitate Arthrodesis for KienbÃ¶ck Disease. Journal of Hand Surgery, 2015, 40, 745-751.	0.7	29

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55	Five Operations That Give the Best Results after Brachial Plexus Injury. Plastic and Reconstructive Surgery, 2017, 140, 545-556.	0.7	29
56	Results of Vascularized Rib Grafts in Complex Spinal Reconstruction. Journal of Bone and Joint Surgery - Series A, 2006, 88, 832-839.	1.4	28
57	Massive Bone Defects of the Upper Limb: Reconstruction by Vascularized Bone Transfer. Hand Clinics, 2007, 23, 49-56.	0.4	27
58	Revascularization and bone remodeling of frozen allografts stimulated by intramedullary sustained delivery of FGFâ€2 and VEGF. Journal of Orthopaedic Research, 2011, 29, 1431-1436.	1.2	27
59	Free Functioning Gracilis Muscle Transfer for Elbow Flexion Reconstruction after Traumatic Adult Brachial Pan-Plexus Injury: Where Is the Optimal Distal Tendon Attachment for Elbow Flexion?. Plastic and Reconstructive Surgery, 2017, 139, 128-136.	0.7	27
60	Free Vascularized Medial Femoral Condyle Bone Graft After Failed Scaphoid Nonunion Surgery. Journal of Bone and Joint Surgery - Series A, 2018, 100, 1379-1386.	1.4	27
61	Short-term immunosuppression and surgical neoangiogenesis with host vessels maintains long-term viability of vascularized bone allografts. Journal of Orthopaedic Research, 2007, 25, 370-377.	1.2	26
62	Harvest of an Entire Gracilis Muscle and Tendon for Use in Functional Muscle Transfer: A Novel Technique. Journal of Reconstructive Microsurgery, 2012, 28, 349-358.	1.0	26
63	Complications and outcomes of functional free gracilis transfer in brachial plexus palsy. Acta Orthopaedica Belgica, 2009, 75, 8-13.	0.1	26
64	Free Functioning Gracilis Transfer for Traumatic Brachial Plexus Injuries in Children. Journal of Hand Surgery, 2014, 39, 1959-1966.	0.7	25
65	The role of elective amputation in patients with traumatic brachial plexus injury. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2016, 69, 311-317.	0.5	25
66	Vascular Anatomy of the Distal Radius. Clinical Orthopaedics and Related Research, 2001, 383, 60-73.	0.7	24
67	Hostâ€derived angiogenesis maintains bone blood flow after withdrawal of immunosuppression. Microsurgery, 2007, 27, 657-663.	0.6	24
68	Wrist, First Carpometacarpal Joint, and Thumb Interphalangeal Joint Arthrodesis in Patients With Brachial Plexus Injuries. Journal of Hand Surgery, 2012, 37, 2557-2563.e1.	0.7	24
69	Augmentation of surgical angiogenesis in vascularized bone allotransplants with hostâ€derived a/v bundle implantation, fibroblast growth factorâ€2, and vascular endothelial growth factor administration. Journal of Orthopaedic Research, 2010, 28, 1015-1021.	1.2	23
70	Living Bone Allotransplants Survive by Surgical Angiogenesis Alone: Development of a Novel Method of Composite Tissue Allotransplantation. Journal of Bone and Joint Surgery - Series A, 2011, 93, 261-273.	1.4	22
71	Learning Curve of Robotic-Assisted Microvascular Anastomosis in the Rat. Journal of Reconstructive Microsurgery, 2012, 28, 451-456.	1.0	22
72	Hypothenar Hammer Syndrome: Long-Term Results of Vascular Reconstruction. Journal of Hand Surgery, 2015, 40, 660-665.e2.	0.7	22

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73	Vascularized Bone Allotransplantation: Current State and Implications for Future Reconstructive Surgery. Orthopedic Clinics of North America, 2007, 38, 109-122.	0.5	21
74	Comparable functional motor outcomes after repair of peripheral nerve injury with an elastaseâ€processed allograft in a rat sciatic nerve model. Microsurgery, 2018, 38, 772-779.	0.6	21
75	Gene expression profiles of differentiated and undifferentiated adipose derived mesenchymal stem cells dynamically seeded onto a processed nerve allograft. Gene, 2020, 724, 144151.	1.0	20
76	Detection of the proliferated donor cells in bone grafts in rats,using a PCR for a Y-chromosome-specific gene. Journal of Orthopaedic Science, 2002, 7, 252-257.	0.5	19
77	Measurement of bone blood flow using the hydrogen washout Techniqueâ€"Part I: Quantitative evaluation of tissue perfusion in the laboratory rat. Journal of Orthopaedic Research, 2008, 26, 741-745.	1.2	19
78	Diagnosis and management of hook of hamate fractures. Journal of Hand Surgery: European Volume, 2018, 43, 539-545.	0.5	19
79	Revascularization patterns of nerve allografts in a rat sciatic nerve defect model. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2020, 73, 460-468.	0.5	19
80	Fate of Donor Cells in Vascularized Bone Grafts: Identification of Systemic Chimerism by the Polymerase Chain Reaction. Plastic and Reconstructive Surgery, 2003, 111, 763-772.	0.7	18
81	Repopulation of vascularized bone allotransplants with recipientâ€derived cells: Detection by laser capture microdissection and realâ€time PCR. Journal of Orthopaedic Research, 2009, 27, 1514-1520.	1.2	18
82	Description and validation of isometric tetanic muscle force test in rabbits. Microsurgery, 2012, 32, 35-42.	0.6	18
83	Posterior Branch of the Axillary Nerve Transfer to the Lateral Triceps Branch for Restoration of Elbow Extension: Case Report. Journal of Hand Surgery, 2013, 38, 1145-1149.	0.7	17
84	The influence of vascularization of transplanted processed allograft nerve on return of motor function in rats. Microsurgery, 2016, 36, 134-143.	0.6	17
85	Effect of Vascular Endothelial Growth Factor Administration on Nerve Regeneration after Autologous Nerve Grafting. Journal of Reconstructive Microsurgery, 2016, 32, 183-188.	1.0	17
86	Adipose derived mesenchymal stem cells seeded onto a decellularized nerve allograft enhances angiogenesis in a rat sciatic nerve defect model. Microsurgery, 2020, 40, 585-592.	0.6	17
87	Surgical Revascularization Induces Angiogenesis in Orthotopic Bone Allograft. Clinical Orthopaedics and Related Research, 2012, 470, 2496-2502.	0.7	16
88	Gradual graft-cell repopulation with recipient cells following vasularized bone and limb allotransplantation. Microsurgery, 2005, 25, 599-605.	0.6	15
89	Transplantation of a vascularized rabbit femoral diaphyseal segment: Mechanical and histologic properties of a new living bone transplantation model. Microsurgery, 2008, 28, 291-299.	0.6	15
90	Induction of angiogenesis and osteogenesis in surgically revascularized frozen bone allografts by sustained delivery of FGFâ€2 and VEGF. Journal of Orthopaedic Research, 2012, 30, 1556-1562.	1.2	15

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91	Reconstruction of Pediatric Brachial Plexus Injuries With Nerve Grafts and Nerve Transfers. Journal of Hand Surgery, 2014, 39, 1771-1778.	0.7	15
92	Rewiring to Regain Function in Patients with Spastic Hemiplegia. New England Journal of Medicine, 2018, 378, 83-84.	13.9	15
93	The superficial inferior epigastric artery fascia flap in the rabbit. Microsurgery, 2007, 27, 560-564.	0.6	14
94	A modified vascularized whole knee joint allotransplantation model in the rat. Microsurgery, 2010, 30, 557-564.	0.6	14
95	Measurement of bone blood flow using the hydrogen washout techniqueâ€"part II: Validation by comparison to microsphere entrapment. Journal of Orthopaedic Research, 2008, 26, 746-752.	1.2	13
96	Hostâ€derived neoangiogenesis with shortâ€term immunosuppression allows incorporation and remodeling of vascularized diaphyseal allogeneic rabbit femur transplants. Journal of Orthopaedic Research, 2009, 27, 763-770.	1.2	13
97	Surgical Angiogenesis with Short-Term Immunosuppression Maintains Bone Viability in Rabbit Allogenic Knee Joint Transplantation. Plastic and Reconstructive Surgery, 2013, 131, 148e-157e.	0.7	13
98	Outcomes of Reconstructive Surgery in Traumatic Brachial Plexus Injury with Concomitant Vascular Injury. World Neurosurgery, 2020, 135, e350-e357.	0.7	13
99	Functional Outcome after Reconstruction of a Long Nerve Gap in Rabbits Using Optimized Decellularized Nerve Allografts. Plastic and Reconstructive Surgery, 2020, 145, 1442-1450.	0.7	13
100	Epsteinâ€"Barr virus infection as a complication of transplantation of a nerve allograft from a living related donor. Journal of Neurosurgery, 2007, 106, 924-928.	0.9	12
101	Prevalence of Rotator Cuff Tears in Adults with Traumatic Brachial Plexus Injuries. Journal of Bone and Joint Surgery - Series A, 2014, 96, e139.	1.4	12
102	Primary medial femoral condyle vascularized bone graft for scaphoid nonunions with carpal collapse and proximal pole avascular necrosis. Journal of Hand Surgery: European Volume, 2019, 44, 600-606.	0.5	12
103	Effect of rhBMPâ€2 and VEGF in a vascularized bone allotransplant experimental model based on surgical neoangiogenesis. Journal of Orthopaedic Research, 2013, 31, 561-566.	1.2	11
104	Evaluation and Treatment of Scaphoid Nonunions. JBJS Reviews, 2014, 2, .	0.8	11
105	Surgical Revascularization in Structural Orthotopic Bone Allograft Increases Bone Remodeling. Clinical Orthopaedics and Related Research, 2014, 472, 2870-2877.	0.7	11
106	Outcomes of shoulder abduction after nerve surgery in patients over 50 years following traumatic brachial plexus injury. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2019, 72, 12-19.	0.5	11
107	Cell traffic between donor and recipient following rat limb allograft. Journal of Orthopaedic Research, 2005, 23, 181-187.	1.2	10
108	Effectiveness of the extended surgical approach to visualize the axillary nerve in the blind zone in an arthroscopic axillary nerve injury model. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2016, 69, 1697-1703.	0.5	10

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109	The learning rate in three dimensional high definition video assisted microvascular anastomosis in a rat model. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2016, 69, 1528-1536.	0.5	10
110	Adhesion, distribution, and migration of differentiated and undifferentiated mesenchymal stem cells (MSCs) seeded on nerve allografts. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2020, 73, 81-89.	0.5	10
111	Introducing human adipose-derived mesenchymal stem cells to Avanceâ“‡ nerve grafts and NeuraGenâ“‡ nerve guides. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2020, 73, 1473-1481.	0.5	10
112	Return to work following ultrasound guided thread carpal tunnel release versus open carpal tunnel release: a comparative study. Journal of Hand Surgery: European Volume, 2022, 47, 359-363.	0.5	10
113	Knee joint transplantation combined with surgical angiogenesis in rabbitsâ€”A new experimental model. Microsurgery, 2012, 32, 118-127.	0.6	9
114	Fibroblast growth factor-2 and vascular endothelial growth factor mediated augmentation of angiogenesis and bone formation in vascularized bone allotransplants. Microsurgery, 2014, 34, 301-307.	0.6	9
115	Recipient-derived angiogenesis with short term immunosuppression increases bone remodeling in bone vascularized composite allotransplantation: A pilot study in a swine tibial defect model. Journal of Orthopaedic Research, 2017, 35, 1242-1249.	1.2	9
116	Factors associated with failed ulnar nerve fascicle to biceps motor branch transfer: a case control study. Journal of Hand Surgery: European Volume, 2019, 44, 913-919.	0.5	9
117	Surgical angiogenesis: a new approach to maintain osseous viability in xenotransplantation. Xenotransplantation, 2010, 17, 38-47.	1.6	8
118	Motor Nerve Recovery in a Rabbit Model: Description and Validation of a Noninvasive Ultrasound Technique. Journal of Hand Surgery, 2016, 41, 27-33.	0.7	8
119	Spinal accessory nerve to triceps muscle transfer using long autologous nerve grafts for recovery of elbow extension in traumatic brachial plexus injuries. Journal of Neurosurgery, 2018, 129, 1041-1047.	0.9	8
120	A new porcine vascularized tibial bone allotransplantation model. Anatomy and surgical technique. Microsurgery, 2018, 38, 195-202.	0.6	8
121	Intraoperative anatomy of the vascular supply to the medial femoral condyle. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2019, 72, 1503-1508.	0.5	8
122	New methods for objective angiogenesis evaluation of rat nerves using microcomputed tomography scanning and conventional photography. Microsurgery, 2020, 40, 370-376.	0.6	8
123	Surgical angiogenesis modifies the cellular environment of nerve allografts in a rat sciatic nerve defect model. Gene, 2020, 751, 144711.	1.0	8
124	Risk factors for revision cubital tunnel surgeryâœ°. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2020, 73, 959-964.	0.5	8
125	Functional Outcomes of Nerve Allografts Seeded with Undifferentiated and Differentiated Mesenchymal Stem Cells in a Rat Sciatic Nerve Defect Model. Plastic and Reconstructive Surgery, 2021, 148, 354-365.	0.7	8
126	Trick Elbow Motions in Patients With Brachial Plexus Injuries. Journal of Hand Surgery, 2014, 39, 2312-2314.	0.7	7

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127	Effects of Surgical Angiogenesis on Segmental Bone Reconstruction With Cryopreserved Massiveâ€Structural Allografts in a Porcine Tibia Model. Journal of Orthopaedic Research, 2019, 37, 1698-1708.	1.2	7
128	Outcomes of Elbow Flexion Reconstruction in Patients Older than 50 with Traumatic Brachial Plexus Injury. Plastic and Reconstructive Surgery, 2019, 143, 151-158.	0.7	7
129	Bone vascularized composite allotransplantation model in swine tibial defect: Evaluation of surgical angiogenesis and transplant viability. Microsurgery, 2019, 39, 160-166.	0.6	7
130	Gene expression profiles of human adipose-derived mesenchymal stem cells dynamically seeded on clinically available processed nerve allografts and collagen nerve guides. Neural Regeneration Research, 2021, 16, 1613.	1.6	7
131	Outcomes of Vascularized Bone Allotransplantation with Surgically Induced Autogenous Angiogenesis in a Large Animal Model: Bone Healing, Remodeling, and Material Properties. Journal of Reconstructive Microsurgery, 2020, 36, 082-092.	1.0	6
132	Effect of the Duration of Room-Temperature Ischemia on Function of the Vascular Endothelium. Journal of Bone and Joint Surgery - Series A, 1997, 79, 647-655.	1.4	6
133	Function of the Vascular Endothelium after Hypothermic Storage at Four Degrees Celsius in a Canine Tibial Perfusion Model. The Role of Adrenomedullin in Reperfusion Injury*. Journal of Bone and Joint Surgery - Series A, 1998, 80, 1341-1348.	1.4	6
134	Transduction of rabbit saphenous artery: A comparison of naked DNA, liposome complexes, and adenovirus vectors. Journal of Orthopaedic Research, 2004, 22, 1290-1295.	1.2	5
135	Validation of Isometric Tetanic Force as a Measure of Muscle Recovery After Nerve Injury in the Rabbit Biceps. Journal of Hand Surgery, 2018, 43, 488.e1-488.e8.	0.7	5
136	The rabbit brachial plexus as a model for nerve injury and repair Part 1: Anatomic study of the biceps and triceps innervation. Microsurgery, 2020, 40, 183-188.	0.6	5
137	Surgical Angiogenesis of Decellularized Nerve Allografts Improves Early Functional Recovery in a Rat Sciatic Nerve Defect Model. Plastic and Reconstructive Surgery, 2021, 148, 561-570.	0.7	5
138	Nerve Transfers After Cervical Spine Surgery: Multi-Institutional Case Series and Review of the Literature. World Neurosurgery, 2021, 156, e222-e228.	0.7	5
139	Factors Impacting the Success of Free Functioning Gracilis Muscle Transfer for Elbow Flexion in Brachial Plexus Reconstruction. Plastic and Reconstructive Surgery, 2022, 149, 921e-929e.	0.7	5
140	Surgical Angiogenesis in Porcine Tibial Allotransplantation: A New Large Animal Bone Vascularized Composite Allotransplantation Model. Journal of Visualized Experiments, 2017, , .	0.2	4
141	Neoâ€Angiogenesis, Transplant Viability, and Molecular Analyses of Vascularized Bone Allotransplantation Surgery in a Large Animal Model. Journal of Orthopaedic Research, 2020, 38, 288-296.	1.2	4
142	Failure of Open Reduction Internal Fixation of Acute Scaphoid Fractures. Journal of Hand Surgery, 2014, 39, 1440-1445.	0.7	3
143	Vascularized bone transplant chimerism mediated by vascular endothelial growth factor. Microsurgery, 2015, 35, 45-51.	0.6	3
144	Two Cases of Traumatic Brachial Plexus Injury With Complete Spinal Cord Injury. Hand, 2018, 13, NP27-NP31.	0.7	3

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145	Overstuffing of Unstable Scaphoid Nonunions: AÂRadiographic Analysis of Carpal Parameters. Journal of Hand Surgery, 2019, 44, 423.e1-423.e6.	0.7	3
146	Distal Nerve Transfers to the Triceps Brachii Muscle: Surgical Technique and Clinical Outcomes. Journal of Hand Surgery, 2020, 45, 155.e1-155.e8.	0.7	3
147	The Superficial Inferior Epigastric Artery Fascia Flap in Rats. Journal of Reconstructive Microsurgery Open, 2020, 05, e7-e14.	0.2	3
148	Medial femoral trochlea flap reconstruction: Clinical outcomes and perspectives. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2021, 74, 1991-1998.	0.5	3
149	Cell lineage in vascularized bone transplantation. Microsurgery, 2014, 34, 37-43.	0.6	2
150	Arthroscopic-assisted exploration of the axillary nerve through a posterior open approach: A novel technique. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2017, 70, 625-627.	0.5	2
151	Relocating the C5 nerve stump in C5 nerve grafting to prevent iatrogenic phrenic nerve injury. Acta Neurochirurgica, 2021, 163, 829-834.	0.9	2
152	Maximum Isometric Tetanic Force Measurement of the Tibialis Anterior Muscle in the Rat. Journal of Visualized Experiments, 2021, , .	0.2	2
153	A multidisciplinary approach to the management of brachial plexus injuries: experience from the Mayo Clinic over 100 years. Journal of Hand Surgery: European Volume, 2022, 47, 1103-1113.	0.5	2
154	Letter Regarding Patel SP, Anthony SG, Zurakowski D, etÂal. Radiographic Scoring System to Evaluate Union of Distal Radius Fractures. J Hand Surg Am. 2014;39(8):1471â€“1479. Journal of Hand Surgery, 2015, 40, 635.	0.7	1
155	Autogenous Arteriovenous Bundle Implantation Maintains Viability Without Increased Immune Response in Large Porcine Bone Allotransplants. Transplantation Proceedings, 2021, 53, 417-426.	0.3	1
156	Flaccid Dysfunction of the Elbow. , 2009, , 956-1001.		1
157	Flaccid Dysfunction. , 2018, , 1078-1098.		1
158	Surgical Management of Traumatic Brachial Plexus Injuries in the Pediatric Population. World Neurosurgery, 2022, , .	0.7	1
159	Persistent and profound peripheral nerve injuries following reverse total shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2022, 31, 2128-2133.	1.2	1
160	Dorsal Capsular Defect and Synovial Fistula to the Fourth Extensor Compartment: A Late Complication after Arthroscopic Dorsal Wrist Ganglionectomy. journal of hand surgery Asian-Pacific volume, The, 2018, 23, 404-407.	0.2	0
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