

# Allen T Bishop

## List of Publications by Year in descending order

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166  
papers

5,750  
citations

87843

38  
h-index

91828

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. <i>Journal of Hand Surgery</i> , 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. <i>Journal of Hand Surgery</i> , 2006, 31, 387-396.	0.7	249
3	Adult Traumatic Brachial Plexus Injuries. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , 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. <i>Journal of Hand Surgery</i> , 2002, 27, 391-401.	0.7	180
5	Current Concepts of the Treatment of Adult Brachial Plexus Injuries. <i>Journal of Hand Surgery</i> , 2010, 35, 678-688.	0.7	172
6	Treatment of Scaphoid Waist Nonunions with an Avascular Proximal Pole and Carpal Collapse. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008, 90, 2616-2625.	1.4	162
7	The use of the 4 + 5 extensor compartmental vascularized bone graft for the treatment of Kienbock's disease. <i>Journal of Hand Surgery</i> , 2005, 30, 50-58.	0.7	161
8	Gracilis free muscle transfer for restoration of function after complete brachial plexus avulsion. <i>Neurosurgical Focus</i> , 2004, 16, 1-9.	1.0	145
9	Free vascularized corticoperiosteal bone graft for the treatment of persistent nonunion of the clavicle. <i>Journal of Shoulder and Elbow Surgery</i> , 2005, 14, 264-268.	1.2	141
10	Adult Traumatic Brachial Plexus Injuries. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , 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. <i>Journal of Bone and Joint Surgery - Series A</i> , 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. <i>Plastic and Reconstructive Surgery</i> , 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. <i>Journal of Hand Surgery</i> , 2000, 25, 849-859.	0.7	117
14	Free-Vascularized Medial Femoral Condyle Bone Transfer in the Treatment of Scaphoid Nonunions. <i>Plastic and Reconstructive Surgery</i> , 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). <i>Journal of Bone and Joint Surgery - Series A</i> , 2012, 94, 410-417.	1.4	96
16	Factors Affecting Outcome of Triceps Motor Branch Transfer for Isolated Axillary Nerve Injury. <i>Journal of Hand Surgery</i> , 2012, 37, 2350-2356.	0.7	91
17	Pedicled Vascularized Bone Grafts for Disorders of the Carpus: Scaphoid Nonunion and Kienbock's Disease. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2002, 10, 210-216.	1.1	87
18	Tendon Transfer Options About the Shoulder in Patients with Brachial Plexus Injury. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012, 94, 1391-1398.	1.4	83

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19	Functioning free-muscle transfer for brachial plexus injury. <i>Hand Clinics</i> , 2005, 21, 91-102.	0.4	82
20	Hemi-Contralateral C7 Transfer in Traumatic Brachial Plexus Injuries: Outcomes and Complications. <i>Journal of Bone and Joint Surgery - Series A</i> , 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. <i>Clinical Orthopaedics and Related Research</i> , 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. <i>Techniques in Hand and Upper Extremity Surgery</i> , 2007, 11, 246-258.	0.3	77
23	Free Vascularized Fibular Graft Salvage of Complications of Long-Bone Allograft After Tumor Reconstruction. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008, 90, 93-100.	1.4	77
24	Vascularized Free Fibula Transfer for Oncologic Reconstruction of the Humerus. <i>Clinical Orthopaedics and Related Research</i> , 2005, &NA;, 80-84.	0.7	73
25	Iatrogenic Nerve Injuries During Shoulder Surgery. <i>Journal of Bone and Joint Surgery - Series A</i> , 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?. <i>Clinical Orthopaedics and Related Research</i> , 2016, 474, 660-668.	0.7	70
27	Isometric tetanic force measurement method of the tibialis anterior in the rat. <i>Microsurgery</i> , 2008, 28, 452-457.	0.6	69
28	Treatment of Scaphoid Waist Nonunions with an Avascular Proximal Pole and Carpal Collapse. <i>Journal of Bone and Joint Surgery - Series A</i> , 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. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012, 94, 2063-2073.	1.4	61
30	The role of vascularization in nerve regeneration of nerve graft. <i>Neural Regeneration Research</i> , 2020, 15, 1573.	1.6	61
31	Vascularized bone grafts for scaphoid nonunion and Kienbock's disease. <i>Orthopedic Clinics of North America</i> , 2001, 32, 263-277.	0.5	56
32	Cell repopulation in vascularized bone grafts. <i>Journal of Orthopaedic Research</i> , 2002, 20, 772-778.	1.2	51
33	Late Reconstruction for Brachial Plexus Injury. <i>Neurosurgery Clinics of North America</i> , 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. <i>Journal of Hand Surgery</i> , 2000, 25, 46-54.	0.7	48
35	Vascular endothelial growth factor (VEGF) gene transfer enhances surgical revascularization of necrotic bone. <i>Journal of Orthopaedic Research</i> , 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. <i>Journal of Hand Surgery</i> , 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. <i>Neurosurgical Focus</i> , 2017, 42, E4.	1.0	44
38	Vascularized Pedicled Bone Grafts for Disorders of the Carpus. <i>Techniques in Hand and Upper Extremity Surgery</i> , 1998, 2, 94-109.	0.3	40
39	The Best of Tendon and Nerve Transfers in the Upper Extremity. <i>Plastic and Reconstructive Surgery</i> , 2015, 135, 617e-630e.	0.7	40
40	Donor-Site Morbidity and Functional Status following Medial Femoral Condyle Flap Harvest. <i>Plastic and Reconstructive Surgery</i> , 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. <i>Plastic and Reconstructive Surgery</i> , 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. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, e146(1)-e146(7).	1.4	37
43	VEGF-promoted surgical angiogenesis in necrotic bone. <i>Microsurgery</i> , 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. <i>Microsurgery</i> , 2017, 37, 365-370.	0.6	34
45	A VASCULARIZED BONE GRAFT FOR REPAIR OF SCAPHOID NONUNION. <i>Hand Clinics</i> , 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. <i>Journal of Hand Surgery</i> , 2000, 25, 34-45.	0.7	32
47	Bone Grafting for Scaphoid Nonunions: Is Free Vascularized Bone Grafting Superior for Scaphoid Nonunion?. <i>Hand</i> , 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. <i>Journal of Orthopaedic Research</i> , 2003, 21, 1056-1062.	1.2	31
49	A Comparison of Manual and Quantitative Elbow Strength Testing. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2012, 91, 856-862.	0.7	31
50	Concomitant Traumatic Spinal Cord and Brachial Plexus Injuries in Adult Patients. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, 2271-2277.	1.4	31
51	Vascular endothelial growth factor promotion of neoangiogenesis in conventional nerve grafts. <i>Journal of Hand Surgery</i> , 2002, 27, 277-285.	0.7	30
52	Anatomical Study of the Axillary Nerve. <i>Plastic and Reconstructive Surgery</i> , 2016, 138, 419-426.	0.7	30
53	A Simple Dynamic Strategy to Deliver Stem Cells to Decellularized Nerve Allografts. <i>Plastic and Reconstructive Surgery</i> , 2018, 142, 402-413.	0.7	30
54	Scaphocapitate Arthrodesis for Kienbock Disease. <i>Journal of Hand Surgery</i> , 2015, 40, 745-751.	0.7	29

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55	Five Operations That Give the Best Results after Brachial Plexus Injury. <i>Plastic and Reconstructive Surgery</i> , 2017, 140, 545-556.	0.7	29
56	Results of Vascularized Rib Grafts in Complex Spinal Reconstruction. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006, 88, 832-839.	1.4	28
57	Massive Bone Defects of the Upper Limb: Reconstruction by Vascularized Bone Transfer. <i>Hand Clinics</i> , 2007, 23, 49-56.	0.4	27
58	Revascularization and bone remodeling of frozen allografts stimulated by intramedullary sustained delivery of FGF $\beta$ and VEGF. <i>Journal of Orthopaedic Research</i> , 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?. <i>Plastic and Reconstructive Surgery</i> , 2017, 139, 128-136.	0.7	27
60	Free Vascularized Medial Femoral Condyle Bone Graft After Failed Scaphoid Nonunion Surgery. <i>Journal of Bone and Joint Surgery - Series A</i> , 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. <i>Journal of Orthopaedic Research</i> , 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. <i>Journal of Reconstructive Microsurgery</i> , 2012, 28, 349-358.	1.0	26
63	Complications and outcomes of functional free gracilis transfer in brachial plexus palsy. <i>Acta Orthopaedica Belgica</i> , 2009, 75, 8-13.	0.1	26
64	Free Functioning Gracilis Transfer for Traumatic Brachial Plexus Injuries in Children. <i>Journal of Hand Surgery</i> , 2014, 39, 1959-1966.	0.7	25
65	The role of elective amputation in patients with traumatic brachial plexus injury. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2016, 69, 311-317.	0.5	25
66	Vascular Anatomy of the Distal Radius. <i>Clinical Orthopaedics and Related Research</i> , 2001, 383, 60-73.	0.7	24
67	Host-derived angiogenesis maintains bone blood flow after withdrawal of immunosuppression. <i>Microsurgery</i> , 2007, 27, 657-663.	0.6	24
68	Wrist, First Carpometacarpal Joint, and Thumb Interphalangeal Joint Arthrodesis in Patients With Brachial Plexus Injuries. <i>Journal of Hand Surgery</i> , 2012, 37, 2557-2563.e1.	0.7	24
69	Augmentation of surgical angiogenesis in vascularized bone allotransplants with host-derived a/v bundle implantation, fibroblast growth factor $\beta$ , and vascular endothelial growth factor administration. <i>Journal of Orthopaedic Research</i> , 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. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, 261-273.	1.4	22
71	Learning Curve of Robotic-Assisted Microvascular Anastomosis in the Rat. <i>Journal of Reconstructive Microsurgery</i> , 2012, 28, 451-456.	1.0	22
72	Hypothenar Hammer Syndrome: Long-Term Results of Vascular Reconstruction. <i>Journal of Hand Surgery</i> , 2015, 40, 660-665.e2.	0.7	22

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73	Vascularized Bone Allograft: Current State and Implications for Future Reconstructive Surgery. <i>Orthopedic Clinics of North America</i> , 2007, 38, 109-122.	0.5	21
74	Comparable functional motor outcomes after repair of peripheral nerve injury with an elastase-processed allograft in a rat sciatic nerve model. <i>Microsurgery</i> , 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. <i>Gene</i> , 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. <i>Journal of Orthopaedic Science</i> , 2002, 7, 252-257.	0.5	19
77	Measurement of bone blood flow using the hydrogen washout Technique—Part I: Quantitative evaluation of tissue perfusion in the laboratory rat. <i>Journal of Orthopaedic Research</i> , 2008, 26, 741-745.	1.2	19
78	Diagnosis and management of hook of hamate fractures. <i>Journal of Hand Surgery: European Volume</i> , 2018, 43, 539-545.	0.5	19
79	Revascularization patterns of nerve allografts in a rat sciatic nerve defect model. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 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. <i>Plastic and Reconstructive Surgery</i> , 2003, 111, 763-772.	0.7	18
81	Repopulation of vascularized bone allografts with recipient-derived cells: Detection by laser capture microdissection and real-time PCR. <i>Journal of Orthopaedic Research</i> , 2009, 27, 1514-1520.	1.2	18
82	Description and validation of isometric tetanic muscle force test in rabbits. <i>Microsurgery</i> , 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. <i>Journal of Hand Surgery</i> , 2013, 38, 1145-1149.	0.7	17
84	The influence of vascularization of transplanted processed allograft nerve on return of motor function in rats. <i>Microsurgery</i> , 2016, 36, 134-143.	0.6	17
85	Effect of Vascular Endothelial Growth Factor Administration on Nerve Regeneration after Autologous Nerve Grafting. <i>Journal of Reconstructive Microsurgery</i> , 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. <i>Microsurgery</i> , 2020, 40, 585-592.	0.6	17
87	Surgical Revascularization Induces Angiogenesis in Orthotopic Bone Allograft. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 2496-2502.	0.7	16
88	Gradual graft-cell repopulation with recipient cells following vascularized bone and limb allotransplantation. <i>Microsurgery</i> , 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. <i>Microsurgery</i> , 2008, 28, 291-299.	0.6	15
90	Induction of angiogenesis and osteogenesis in surgically revascularized frozen bone allografts by sustained delivery of FGF-2 and VEGF. <i>Journal of Orthopaedic Research</i> , 2012, 30, 1556-1562.	1.2	15

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91	Reconstruction of Pediatric Brachial Plexus Injuries With Nerve Grafts and Nerve Transfers. <i>Journal of Hand Surgery</i> , 2014, 39, 1771-1778.	0.7	15
92	Rewiring to Regain Function in Patients with Spastic Hemiplegia. <i>New England Journal of Medicine</i> , 2018, 378, 83-84.	13.9	15
93	The superficial inferior epigastric artery fascia flap in the rabbit. <i>Microsurgery</i> , 2007, 27, 560-564.	0.6	14
94	A modified vascularized whole knee joint allotransplantation model in the rat. <i>Microsurgery</i> , 2010, 30, 557-564.	0.6	14
95	Measurement of bone blood flow using the hydrogen washout technique—part II: Validation by comparison to microsphere entrapment. <i>Journal of Orthopaedic Research</i> , 2008, 26, 746-752.	1.2	13
96	Host-derived neoangiogenesis with short-term immunosuppression allows incorporation and remodeling of vascularized diaphyseal allogeneic rabbit femur transplants. <i>Journal of Orthopaedic Research</i> , 2009, 27, 763-770.	1.2	13
97	Surgical Angiogenesis with Short-Term Immunosuppression Maintains Bone Viability in Rabbit Allogeneic Knee Joint Transplantation. <i>Plastic and Reconstructive Surgery</i> , 2013, 131, 148e-157e.	0.7	13
98	Outcomes of Reconstructive Surgery in Traumatic Brachial Plexus Injury with Concomitant Vascular Injury. <i>World Neurosurgery</i> , 2020, 135, e350-e357.	0.7	13
99	Functional Outcome after Reconstruction of a Long Nerve Gap in Rabbits Using Optimized Decellularized Nerve Allografts. <i>Plastic and Reconstructive Surgery</i> , 2020, 145, 1442-1450.	0.7	13
100	Epstein-Barr virus infection as a complication of transplantation of a nerve allograft from a living related donor. <i>Journal of Neurosurgery</i> , 2007, 106, 924-928.	0.9	12
101	Prevalence of Rotator Cuff Tears in Adults with Traumatic Brachial Plexus Injuries. <i>Journal of Bone and Joint Surgery - Series A</i> , 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. <i>Journal of Hand Surgery: European Volume</i> , 2019, 44, 600-606.	0.5	12
103	Effect of rhBMP-2 and VEGF in a vascularized bone allotransplant experimental model based on surgical neoangiogenesis. <i>Journal of Orthopaedic Research</i> , 2013, 31, 561-566.	1.2	11
104	Evaluation and Treatment of Scaphoid Nonunions. <i>JBJS Reviews</i> , 2014, 2, .	0.8	11
105	Surgical Revascularization in Structural Orthotopic Bone Allograft Increases Bone Remodeling. <i>Clinical Orthopaedics and Related Research</i> , 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. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2019, 72, 12-19.	0.5	11
107	Cell traffic between donor and recipient following rat limb allograft. <i>Journal of Orthopaedic Research</i> , 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. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 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. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2016, 69, 1528-1536.	0.5	10
110	Adhesion, distribution, and migration of differentiated and undifferentiated mesenchymal stem cells (MSCs) seeded on nerve allografts. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2020, 73, 81-89.	0.5	10
111	Introducing human adipose-derived mesenchymal stem cells to Avanceâ€ nerve grafts and NeuraGenâ€ nerve guides. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 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. <i>Journal of Hand Surgery: European Volume</i> , 2022, 47, 359-363.	0.5	10
113	Knee joint transplantation combined with surgical angiogenesis in rabbitsâ€A new experimental model. <i>Microsurgery</i> , 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. <i>Microsurgery</i> , 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. <i>Journal of Orthopaedic Research</i> , 2017, 35, 1242-1249.	1.2	9
116	Factors associated with failed ulnar nerve fascicle to biceps motor branch transfer: a case control study. <i>Journal of Hand Surgery: European Volume</i> , 2019, 44, 913-919.	0.5	9
117	Surgical angiogenesis: a new approach to maintain osseous viability in xenotransplantation. <i>Xenotransplantation</i> , 2010, 17, 38-47.	1.6	8
118	Motor Nerve Recovery in a Rabbit Model: Description and Validation of a Noninvasive Ultrasound Technique. <i>Journal of Hand Surgery</i> , 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. <i>Journal of Neurosurgery</i> , 2018, 129, 1041-1047.	0.9	8
120	A new porcine vascularized tibial bone allotransplantation model. Anatomy and surgical technique. <i>Microsurgery</i> , 2018, 38, 195-202.	0.6	8
121	Intraoperative anatomy of the vascular supply to the medial femoral condyle. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2019, 72, 1503-1508.	0.5	8
122	New methods for objective angiogenesis evaluation of rat nerves using microcomputed tomography scanning and conventional photography. <i>Microsurgery</i> , 2020, 40, 370-376.	0.6	8
123	Surgical angiogenesis modifies the cellular environment of nerve allografts in a rat sciatic nerve defect model. <i>Gene</i> , 2020, 751, 144711.	1.0	8
124	Risk factors for revision cubital tunnel surgeryâ€. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 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. <i>Plastic and Reconstructive Surgery</i> , 2021, 148, 354-365.	0.7	8
126	Trick Elbow Motions in Patients With Brachial Plexus Injuries. <i>Journal of Hand Surgery</i> , 2014, 39, 2312-2314.	0.7	7



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127	Effects of Surgical Angiogenesis on Segmental Bone Reconstruction With Cryopreserved Massive Structural Allografts in a Porcine Tibia Model. <i>Journal of Orthopaedic Research</i> , 2019, 37, 1698-1708.	1.2	7
128	Outcomes of Elbow Flexion Reconstruction in Patients Older than 50 with Traumatic Brachial Plexus Injury. <i>Plastic and Reconstructive Surgery</i> , 2019, 143, 151-158.	0.7	7
129	Bone vascularized composite allotransplantation model in swine tibial defect: Evaluation of surgical angiogenesis and transplant viability. <i>Microsurgery</i> , 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. <i>Neural Regeneration Research</i> , 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. <i>Journal of Reconstructive Microsurgery</i> , 2020, 36, 082-092.	1.0	6
132	Effect of the Duration of Room-Temperature Ischemia on Function of the Vascular Endothelium. <i>Journal of Bone and Joint Surgery - Series A</i> , 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*. <i>Journal of Bone and Joint Surgery - Series A</i> , 1998, 80, 1341-1348.	1.4	6
134	Transduction of rabbit saphenous artery: A comparison of naked DNA, liposome complexes, and adenovirus vectors. <i>Journal of Orthopaedic Research</i> , 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. <i>Journal of Hand Surgery</i> , 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. <i>Microsurgery</i> , 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. <i>Plastic and Reconstructive Surgery</i> , 2021, 148, 561-570.	0.7	5
138	Nerve Transfers After Cervical Spine Surgery: Multi-Institutional Case Series and Review of the Literature. <i>World Neurosurgery</i> , 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. <i>Plastic and Reconstructive Surgery</i> , 2022, 149, 921e-929e.	0.7	5
140	Surgical Angiogenesis in Porcine Tibial Allotransplantation: A New Large Animal Bone Vascularized Composite Allotransplantation Model. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	4
141	Neo-Angiogenesis, Transplant Viability, and Molecular Analyses of Vascularized Bone Allotransplantation Surgery in a Large Animal Model. <i>Journal of Orthopaedic Research</i> , 2020, 38, 288-296.	1.2	4
142	Failure of Open Reduction Internal Fixation of Acute Scaphoid Fractures. <i>Journal of Hand Surgery</i> , 2014, 39, 1440-1445.	0.7	3
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