

Ryosuke Ikeguchi

List of Publications by Year in descending order

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53
papers

533
citations

686830

13
h-index

752256

20
g-index

55
all docs

55
docs citations

55
times ranked

543
citing authors

#	ARTICLE	IF	CITATIONS
1	The efficacy of a scaffold-free Bio 3D conduit developed from human fibroblasts on peripheral nerve regeneration in a rat sciatic nerve model. PLoS ONE, 2017, 12, e0171448.	1.1	100
2	A Nerve Conduit Containing a Vascular Bundle and Implanted with Bone Marrow Stromal Cells and Decellularized Allogenic Nerve Matrix. Cell Transplantation, 2017, 26, 215-228.	1.2	27
3	The Efficacy of a Scaffold-free Bio 3D Conduit Developed from Autologous Dermal Fibroblasts on Peripheral Nerve Regeneration in a Canine Ulnar Nerve Injury Model: A Preclinical Proof-of-Concept Study. Cell Transplantation, 2019, 28, 1231-1241.	1.2	27
4	Nerve Regeneration Promoted in a Tube with Vascularity Containing Bone Marrow-Derived Cells. Cell Transplantation, 2007, 16, 811-822.	1.2	24
5	Rehabilitation Program After Mesenchymal Stromal Cell Transplantation Augmented by Vascularized Bone Grafts for Idiopathic Osteonecrosis of the Femoral Head: A Preliminary Study. Archives of Physical Medicine and Rehabilitation, 2015, 96, 532-539.	0.5	23
6	Peripheral Nerve Allografts Stored in Green Tea Polyphenol Solution. Transplantation, 2005, 79, 688-695.	0.5	22
7	Preoperative gluteus medius muscle atrophy as a predictor of walking ability after total hip arthroplasty. Physical Therapy Research, 2016, 19, 8-12.	0.3	20
8	Hip external rotator exercise contributes to improving physical functions in the early stage after total hip arthroplasty using an anterolateral approach: a randomized controlled trial. Disability and Rehabilitation, 2016, 38, 2178-2183.	0.9	20
9	Bridging a 30 mm defect in the canine ulnar nerve using vessel-containing conduits with implantation of bone marrow stromal cells. Microsurgery, 2016, 36, 316-324.	0.6	17
10	Pro-angiogenic scaffold-free Bio three-dimensional conduit developed from human induced pluripotent stem cell-derived mesenchymal stem cells promotes peripheral nerve regeneration. Scientific Reports, 2020, 10, 12034.	1.6	17
11	Successful storage of peripheral nerve before transplantation using green tea polyphenol: an experimental study in rats. Experimental Neurology, 2003, 184, 688-696.	2.0	16
12	Regeneration of Osteonecrosis of Canine Scapho-lunate Using Bone Marrow Stromal Cells: Possible Therapeutic Approach for KienbÄ¶ck Disease. Cell Transplantation, 2006, 15, 411-422.	1.2	16
13	Induced pluripotent stem cell-derived mesenchymal stem cells prolong hind limb survival in a rat vascularized composite allotransplantation model. Microsurgery, 2019, 39, 737-747.	0.6	14
14	Basic fibroblast growth factor promotes nerve regeneration in a Ca ²⁺ -ion-implanted silicon chamber. Brain Research, 2006, 1090, 51-57.	1.1	13
15	Vascularized Bone Graft to the Lunate Combined With Temporary Scaphocapitate Fixation for Treatment of Stage III KienbÄ¶ck Disease: A Report of the Results, a Minimum of 2 Years After Surgery. Journal of Hand Surgery, 2018, 43, 773.e1-773.e7.	0.7	13
16	Relative antigenicity of components in vascularized composite allotransplants: An experimental study of microRNAs expression in rat hind limb transplantation model. Microsurgery, 2019, 39, 340-348.	0.6	13
17	A scaffold-free Bio 3D nerve conduit for repair of a 10-mm peripheral nerve defect in the rats. Microsurgery, 2020, 40, 207-216.	0.6	13
18	Rat nerve regeneration through a silicone chamber implanted with negative carbon ions. Developmental Brain Research, 2003, 140, 127-131.	2.1	11

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19	Plasma microRNAs Are Potential Biomarkers of Acute Rejection After Hindlimb Transplantation in Rats. <i>Transplantation Direct</i> , 2016, 2, e108.	0.8	9
20	Motor and Sensory Cortical Changes after Contralateral Cervical Seventh Nerve Root (CC7) Transfer in Patients with Brachial Plexus Injuries. <i>Journal of Hand Surgery Asian-Pacific volume, The</i> , 2017, 22, 138-149.	0.2	9
21	Recipient bone marrow-derived stromal cells prolong graft survival in a rat hind limb allotransplantation model. <i>Microsurgery</i> , 2017, 37, 632-640.	0.6	9
22	Long-Term Outcome of Sciatic Nerve Regeneration Using Bio3D Conduit Fabricated from Human Fibroblasts in a Rat Sciatic Nerve Model. <i>Cell Transplantation</i> , 2021, 30, 096368972110213.	1.2	9
23	Intractable Fractures of the Bilateral Proximal Ulnae After 8 Years of Zoledronate Treatment for Breast Cancer Bone Metastasis. <i>Journal of Hand Surgery</i> , 2022, 47, 393.e1-393.e7.	0.7	8
24	Successful storage of peripheral nerves using University of Wisconsin solution with polyphenol. <i>Journal of Neuroscience Methods</i> , 2007, 159, 57-65.	1.3	7
25	Bio 3D Conduits Derived from Bone Marrow Stromal Cells Promote Peripheral Nerve Regeneration. <i>Cell Transplantation</i> , 2020, 29, 096368972095155.	1.2	7
26	Bone marrow-derived mesenchymal stem cells transplanted into a vascularized biodegradable tube containing decellularized allogenic nerve basal laminae promoted peripheral nerve regeneration; can it be an alternative of autologous nerve graft?. <i>PLoS ONE</i> , 2021, 16, e0254968.	1.1	7
27	Recovery of Muscle Atrophy and Fatty Infiltration in Patients With Acetabular Dysplasia After Total Hip Arthroplasty. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2022, 30, e317-e326.	1.1	7
28	Percutaneous Fixation for Scaphoid Nonunion with Bone Grafting Through the Distal Insertion Hole of a Fully Threaded Headless Screw. <i>Journal of Hand Surgery Asian-Pacific volume, The</i> , 2016, 21, 357-363.	0.2	6
29	Mechanism of Peripheral Nerve Regeneration Using a Bio 3D Conduit Derived from Normal Human Dermal Fibroblasts. <i>Journal of Reconstructive Microsurgery</i> , 2021, 37, 357-364.	1.0	6
30	The neuroprotective effect of erythropoietin on spinal motor neurons after nerve root avulsion injury in rats. <i>Restorative Neurology and Neuroscience</i> , 2015, 33, 461-470.	0.4	5
31	MicroRNAs are potential objective and early biomarkers for acute rejection of transplanted limbs in a rat model. <i>Microsurgery</i> , 2017, 37, 930-936.	0.6	5
32	Pretreatment of nerve grafts with resveratrol improves axonal regeneration following replantation surgery for nerve root avulsion injury in rats. <i>Restorative Neurology and Neuroscience</i> , 2018, 36, 647-658.	0.4	5
33	Assessment of neurocognitive function in association with WHO grades in gliomas. <i>Clinical Neurology and Neurosurgery</i> , 2021, 208, 106824.	0.6	5
34	Functional characteristics associated with hip abductor torque in severe hip osteoarthritis. <i>Musculoskeletal Science and Practice</i> , 2021, 55, 102431.	0.6	5
35	Use of Dorsal Skin Islands as Firebreak Grafts to the Palm to Reduce the Recurrence Rate of Dupuytren's Contracture. <i>Techniques in Hand and Upper Extremity Surgery</i> , 2018, 22, 110-115.	0.3	3
36	A clinical trial for Kienbock disease by cultured autologous multipotent mesenchymal stromal cells augmented with vascularized bone grafts: A report of five cases. <i>Journal of Orthopaedic Science</i> , 2019, 24, 750-756.	0.5	3

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37	MRI examination of resected malignant bone tumor can be an option for assessment of the osseous surgical margin. <i>British Journal of Radiology</i> , 2019, 92, 20190518.	1.0	2
38	Doxorubicin-Immersed Skeletal Muscle Grafts Promote Peripheral Nerve Regeneration Across a 10-mm Defect in the Rat Sciatic Nerve. <i>Journal of Reconstructive Microsurgery</i> , 2020, 36, 041-052.	1.0	2
39	Functional characteristics of female patients based on ambulatory ability 1 year after total knee arthroplasty. <i>Knee</i> , 2021, 33, 298-304.	0.8	2
40	Development of a Clinical Prediction Rule to Identify Physical Activity After Total Hip Arthroplasty. <i>Archives of Physical Medicine and Rehabilitation</i> , 2022, 103, 1975-1982.	0.5	2
41	A Proximally Based Sural Fasciocutaneous Flap for the Treatment of Recurrent Peroneal Neuropathy. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2016, 4, e815.	0.3	1
42	Clinical Results of Arthroscopic Partial Trapeziectomy With Suture-Button Suspensionplasty for Thumb Carpometacarpal Arthritis. <i>Hand</i> , 2023, 18, 740-745.	0.7	1
43	Comparison of Wrist Motion and Grip Strength between Normal Caucasian, Southern Chinese and Japanese Populations. <i>Journal of Hand Surgery Asian-Pacific volume, The</i> , 2022, 27, 326-333.	0.2	1
44	Opening Wedge Osteotomy for Valgus Deformity of the Little Finger after Proximal Phalangeal Fracture in Children: Two Case Reports. <i>Case Reports in Orthopedics</i> , 2018, 2018, 1-6.	0.1	0
45	Keyhole resection of intra-articular osteoid osteoma in the ulnar trochlear notch using 3-dimensional computed tomography-based navigation. <i>Journal of Shoulder and Elbow Surgery</i> , 2019, 28, e57-e61.	1.2	0
46	A Case Report of a Team Approach for a Rheumatoid Arthritis Patient with Above-knee Amputation to Acquire Activities of Daily Living with a Prosthetic Leg. <i>The Japanese Journal of Rehabilitation Medicine</i> , 2021, 58, 692-698.	0.0	0
47	Immediate family support is important to discharge home for cancer patient with bone metastasis after rehabilitation. <i>Medicine (United States)</i> , 2021, 100, e27273.	0.4	0
48	Vascularized Bone Graft to the Lunate Combined with Shortening of the Capitate and Radius for Treatment of Advanced Kienbock Disease After a Follow-Up for More Than 10 Years. <i>Journal of Hand Surgery Global Online</i> , 2020, 2, 102-108.	0.3	0
49	Enthesopathy of the bicipital tuberosity of the radius treated under intraoperative computed tomography. <i>European Journal of Medical Research</i> , 2022, 27, 34.	0.9	0
50	The efficacy of combining a vascularized biogenic conduit and a decellularized nerve graft in the treatment of peripheral nerve defects: An experimental study using the rat sciatic nerve defect model. <i>Microsurgery</i> , 2022, 42, 254-264.	0.6	0
51	Reproducibility, criterion-related validity, and minimal clinically important difference of the stair negotiation test after total Hip arthroplasty. <i>Physiotherapy Theory and Practice</i> , 2022, , 1-8.	0.6	0
52	A first view of the effect of a trial of early mobilization on the muscle strength and activities of daily living in mechanically ventilated patients with COVID-19. <i>Archives of Rehabilitation Research and Clinical Translation</i> , 2022, , 100201.	0.5	0
53	Muscle Grafts with Doxorubicin Pretreatment Produce "Empty Tubes" in the Basal Laminae, Promote Contentious Maturation of the Regenerated Axons, and Bridge 20-mm Sciatic Nerve Defects in Rats. <i>Journal of Reconstructive Microsurgery</i> , 0, , .	1.0	0