

# Shinsuke Akita

## List of Publications by Year in descending order

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Version: 2024-02-01

72  
papers

818  
citations

759233

12  
h-index

552781

26  
g-index

72  
all docs

72  
docs citations

72  
times ranked

733  
citing authors

#	ARTICLE	IF	CITATIONS
1	Early Detection of Lymphatic Disorder and Treatment for Lymphedema following Breast Cancer. <i>Plastic and Reconstructive Surgery</i> , 2016, 138, 192e-202e.	1.4	98
2	Comparison of lymphoscintigraphy and indocyanine green lymphography for the diagnosis of extremity lymphoedema. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2013, 66, 792-798.	1.0	90
3	Early Diagnosis and Risk Factors for Lymphedema following Lymph Node Dissection for Gynecologic Cancer. <i>Plastic and Reconstructive Surgery</i> , 2013, 131, 283-290.	1.4	81
4	Comparison of Vascularized Supraclavicular Lymph Node Transfer and Lymphaticovenular Anastomosis for Advanced Stage Lower Extremity Lymphedema. <i>Annals of Plastic Surgery</i> , 2015, 74, 573-579.	0.9	78
5	Suitable therapy options for sub-clinical and early-stage lymphoedema patients. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2014, 67, 520-525.	1.0	57
6	External Valvuloplasty for Subcutaneous Small Veins to Prevent Venous Reflux in Lymphaticovenular Anastomosis for Lower Extremity Lymphedema. <i>Plastic and Reconstructive Surgery</i> , 2013, 132, 1008-1014.	1.4	34
7	Regional Oxygen Saturation Index: A Novel Criterion for Free Flap Assessment Using Tissue Oximetry. <i>Plastic and Reconstructive Surgery</i> , 2016, 138, 510e-518e.	1.4	32
8	Contribution of Simultaneous Breast Reconstruction by Deep Inferior Epigastric Artery Perforator Flap to the Efficacy of Vascularized Lymph Node Transfer in Patients with Breast Cancer-Related Lymphedema. <i>Journal of Reconstructive Microsurgery</i> , 2017, 33, 571-578.	1.8	27
9	Descending Branch of the Perforating Branch of the Peroneal Artery Perforator-Based Island Flap for Reconstruction of the Lateral Malleolus with Minimal Invasion. <i>Plastic and Reconstructive Surgery</i> , 2013, 132, 461-469.	1.4	20
10	Human adipocytes from the subcutaneous superficial layer have greater adipogenic potential and lower PPAR- $\beta$ DNA methylation levels than deep layer adipocytes. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 311, C322-C329.	4.6	19
11	Improvement of the efficacy of vascularized lymph node transfer for lower extremity lymphedema via a prefabricated lympho-venous shunt through lymphaticovenular anastomosis between the efferent lymphatic vessel and small vein in the elevated vascularized lymph node. <i>Microsurgery</i> , 2018, 38, 270-277.	1.3	15
12	Reconstruction of the great toe using a pedicled medial plantar flap with antero-venous drainage. <i>Microsurgery</i> , 2014, 34, 398-403.	1.3	14
13	Reconstruction of a fingertip with a thenar perforator island flap. <i>Journal of Plastic Surgery and Hand Surgery</i> , 2011, 45, 294-299.	0.8	13
14	Reconstruction using a divided latissimus dorsi muscle flap after conventional posterolateral thoracotomy and the effectiveness of indocyanine green-fluorescence angiography to assess intraoperative blood flow. <i>Surgery Today</i> , 2016, 46, 326-334.	1.5	13
15	Prevention of venous reflux with full utilization of venoplasty in lymphaticovenular anastomosis. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2020, 73, 537-543.	1.0	11
16	Noninvasive screening test for detecting early stage lymphedema using follow-up computed tomography imaging after cancer treatment and results of treatment with lymphaticovenular anastomosis. <i>Microsurgery</i> , 2017, 37, 910-916.	1.3	10
17	Disseminated zoster in an adult patient with extensive burns: a case report. <i>Virology Journal</i> , 2019, 16, 68.	3.4	10
18	Anatomical Study Using Cadavers for Imaging of Life-Threatening Complications in Le Fort III Distraction. <i>Plastic and Reconstructive Surgery</i> , 2013, 131, 19e-27e.	1.4	9

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19	Postoperative patency of the retrograde internal mammary vein anastomosis in free flap transfer. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2014, 67, 205-211.	1.0	9
20	Low-rise scar deep inferior epigastric artery perforator flap for breast reconstruction. <i>Microsurgery</i> , 2015, 35, 451-456.	1.3	9
21	A phase III, multicenter, single-arm study to assess the utility of indocyanine green fluorescent lymphography in the treatment of secondary lymphedema. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2022, 10, 728-737.e3.	1.6	9
22	Low-dose radiation pretreatment improves survival of human ceiling culture-derived proliferative adipocytes (ccdPAs) under hypoxia via HIF-1 alpha and MMP-2 induction. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 1176-1183.	2.1	8
23	Intraoperative Detection of Efferent Lymphatic Vessels Emerging from Lymph Node during Lymphatic Microsurgery. <i>Journal of Reconstructive Microsurgery</i> , 2019, 35, 372-378.	1.8	8
24	A case of Crouzon syndrome treated by simultaneous bimaxillary distraction. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2014, 67, 124-125.	1.0	7
25	Hyperpigmentation after surgery for a deep dermal burn of the dorsum of the hand: partial-thickness debridement followed by medium split-thickness skin grafting vs full-thickness debridement followed by thick split-thickness skin grafting. <i>Burns and Trauma</i> , 2016, 4, 9.	4.9	7
26	Intraoperative objective evaluation of venous congestion in deep epigastric artery perforator flap breast reconstruction: A pilot study. <i>Microsurgery</i> , 2018, 38, 407-412.	1.3	7
27	The beneficial effect of traditional Japanese herbal (Kampo) medicine, Hochu-ekki-to (Bu-Zhong-Yi-Qi-Tang), for patients with chronic wounds refractory to conventional therapies: A prospective, randomized trial. <i>Wound Repair and Regeneration</i> , 2019, 27, 672-679.	3.0	7
28	A comparison study of deep muscle sparing transverse rectus abdominis musculocutaneous flap for breast reconstruction. <i>Microsurgery</i> , 2019, 39, 583-589.	1.3	7
29	Adipose-Derived Stem Cells and Ceiling Culture-Derived Preadipocytes Cultured from Subcutaneous Fat Tissue Differ in Their Epigenetic Characteristics and Osteogenic Potential. <i>Plastic and Reconstructive Surgery</i> , 2019, 144, 644-655.	1.4	7
30	Frequency dependence of attenuation and backscatter coefficient of ex vivo human lymphedema dermis. <i>Journal of Medical Ultrasonics (2001)</i> , 2020, 47, 25-34.	1.3	7
31	Utilization of Three-Dimensional Photography (VECTRA) for the Evaluation of Lower Limb Lymphedema in Patients Following Lymphovenous Anastomosis. <i>Lymphatic Research and Biology</i> , 2018, 16, 547-552.	1.1	6
32	A method using the cephalic vein for superdrainage in breast reconstruction. <i>Microsurgery</i> , 2019, 39, 502-508.	1.3	6
33	Effect of unplanned excision of soft tissue sarcomas on skin defects and reconstructive procedures. <i>Journal of Plastic Surgery and Hand Surgery</i> , 2020, 54, 372-376.	0.8	6
34	HAMAMATSU-ICG study: Protocol for a phase III, multicentre, single-arm study to assess the usefulness of indocyanine green fluorescent lymphography in assessing secondary lymphoedema. <i>Contemporary Clinical Trials Communications</i> , 2020, 19, 100595.	1.1	5
35	Utility of autologous fibrin glue in the donor site of free abdominal flap for breast reconstruction: A randomized controlled study. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2021, 74, 2870-2875.	1.0	5
36	Noninvasive, objective evaluation of lower extremity lymphedema severity using shear wave elastography: A preliminary study. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2021, 74, 3377-3385.	1.0	5

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37	Combination Treatment of Artificial Dermis and Basic Fibroblast Growth Factor for Skin Defects: A Histopathological Examination. <i>Wounds</i> , 2016, 28, 158-66.	0.5	5
38	Histological features of skin and subcutaneous tissue in patients with breast cancer who have received neoadjuvant chemotherapy and their relationship to post-treatment edema. <i>Breast Cancer</i> , 2020, 27, 77-84.	2.9	4
39	No flow pattern on indocyanine green lymphography in breast cancer patients undergoing taxane-based chemotherapy. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2020, 73, 1575-1592.	1.0	4
40	Investigation of the Association Between Breast Cancer-Related Lymphedema and the Side Effects of Taxane-Based Chemotherapy Using Indocyanine Green Lymphography. <i>Lymphatic Research and Biology</i> , 2022, , .	1.1	4
41	Multifrequency Electrical Impedance Tomography With Ratiometric Preprocessing for Imaging Human Body Compartments. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-14.	4.7	4
42	Efficacy of a novel strategy for poststernotomy deep sternal infection after thoracic aorta replacement using a prosthetic graft. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2018, 71, 699-709.	1.0	3
43	Correlation of the changes in physical activity and clinical results following lymphatic microsurgery. <i>Microsurgery</i> , 2021, 41, 44-49.	1.3	3
44	Relationship Between the Circumference Difference and Findings of Indocyanine Green Lymphography in Breast Cancer-Related Lymphedema. <i>Annals of Plastic Surgery</i> , 2021, Publish Ahead of Print, .	0.9	3
45	Epigenetic modifications underlie the differential adipogenic potential of preadipocytes derived from human subcutaneous fat tissue. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 321, C596-C606.	4.6	3
46	In Vivo Quantitative Ultrasound on Dermis and Hypodermis for Classifying Lymphedema Severity in Humans. <i>Ultrasound in Medicine and Biology</i> , 2022, 48, 646-662.	1.5	3
47	Relationship between Preoperative Abdominal Wall Strength and Bulging at the Abdominal Free Flap Donor Site for Breast Reconstruction. <i>Plastic and Reconstructive Surgery</i> , 2022, 149, 279e-286e.	1.4	3
48	Tissue expansion for correction of alopecia in a child with hypohidrotic ectodermal dysplasia. <i>Journal of Dermatology</i> , 2016, 43, 1382-1384.	1.2	2
49	Abdominoplasty with Lymphatic Microsurgery for Patients with Secondary Lower Extremity Lymphedema. <i>Plastic and Reconstructive Surgery</i> , 2017, 140, 719e-723e.	1.4	2
50	Postaxial polydactyly of the hand in Japanese patients: Case series reports. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2019, 72, 1170-1177.	1.0	2
51	Internal Mammary Vein Valves: A Histological Study. <i>Scientific Reports</i> , 2020, 10, 8857.	3.3	2
52	Detection of Nonpalpable Tiny Axillary Lymph Nodes Surrounded by Adipose Tissue Using a Near-Infrared Camera. <i>Lymphatic Research and Biology</i> , 2020, 18, 455-463.	1.1	2
53	Where does subcutaneous lymph from the chest wall flow into after mastectomy?. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2021, 74, 2856-2862.	1.0	2
54	Calcification in Werner syndrome associated with lymphatic vessels aging. <i>Aging</i> , 2021, 13, 25717-25728.	3.1	2

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55	Postsurgical fixation of a buried penis. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2015, 68, 439-441.	1.0	1
56	Differences between Low DIEP Flap and Low-Rise Scar DIEP Flap for Breast Reconstruction. <i>Plastic and Reconstructive Surgery</i> , 2016, 138, 365e-366e.	1.4	1
57	Comparison of Vectra three-dimensional stereophotogrammetry measurement and tape measurement in the evaluation of perioperative volume change of the lower abdomen in association with lymphatic microsurgery. <i>Microsurgery</i> , 2020, , .	1.3	1
58	Small intestinal bacterial overgrowth as a cause of protracted wound healing and vitamin D deficiency in a spinal cord injured patient with a sacral pressure sore: a case report. <i>BMC Gastroenterology</i> , 2020, 20, 283.	2.0	1
59	The utility of free abdominal flap without Zone 4 procedure for unilateral breast reconstruction. <i>Microsurgery</i> , 2021, 41, 622-628.	1.3	1
60	Lymphatic dysfunction on indocyanine green lymphography in breast cancer patients undergoing sentinel lymph node biopsy. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2021, 74, 1931-1971.	1.0	1
61	Eyelid Crease Height Affects the Evaluation of Age-related Changes in the Eyelids. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2021, 9, e3909.	0.6	1
62	Central polydactyly of the foot: An experience of a treatment of 22 patients. <i>Journal of Orthopaedic Science</i> , 2021, , .	1.1	1
63	The usefulness of a free thinned deep inferior epigastric artery perforator flap and measurement of the vascular pedicle length: A thin flap with a long pedicle. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2022, 75, 1579-1585.	1.0	1
64	Urethroplasty Using Diverticular Tissue for Hypospadias. <i>LUTS: Lower Urinary Tract Symptoms</i> , 2016, 8, 191-193.	1.3	0
65	Reply. <i>Plastic and Reconstructive Surgery</i> , 2017, 139, 1366e.	1.4	0
66	Effectiveness of lymphatic cannulation in case of non-applicable intranodal lymphangiography. <i>Journal of Vascular Surgery Cases and Innovative Techniques</i> , 2021, 7, 97-99.	0.6	0
67	Staged Treatment of Asymmetrical Age-related Changes in the Eyelid and Thyroid Eye Disease. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2021, 9, e3706.	0.6	0
68	Characteristics of Abdominal Soft Tissue Sarcoma and an Algorithm for Reconstruction after Tumor Resection. <i>International Journal of Surgical Wound Care</i> , 2020, 1, 27-32.	0.1	0
69	Two-stage procedure of free abdominal flap with ptotic skin paddle for unilateral breast reconstruction. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2022, , .	1.0	0
70	Image Reconstruction Algorithm of Spatiotemporal Local Change-Extractable Electrical Impedance Tomography (EIT) by Sparse Bayesian Learning (SBL). <i>Transactions of the JSME (in Japanese)</i> , 2022, , .	0.2	0
71	The correlation of flap blood glucose with fat necrosis of free abdominal flap for unilateral breast reconstruction. <i>Microsurgery</i> , 0, , .	1.3	0
72	Clinical and Histological Effects of Partial Blood Flow Impairment in Vascularized Lymph Node Transfer. <i>Journal of Clinical Medicine</i> , 2022, 11, 4052.	2.4	0