

Akitatsu Hayashi

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

843
citations

471509

17
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526287

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52
all docs

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52
times ranked

506
citing authors

#	ARTICLE	IF	CITATIONS
1	Effective and efficient lymphaticovenular anastomosis using preoperative ultrasound detection technique of lymphatic vessels in lower extremity lymphedema. <i>Journal of Surgical Oncology</i> , 2018, 117, 290-298.	1.7	74
2	Lymph Flow Restoration after Tissue Replantation and Transfer: Importance of Lymph Axiality and Possibility of Lymph Flow Reconstruction without Lymph Node Transfer or Lymphatic Anastomosis. <i>Plastic and Reconstructive Surgery</i> , 2018, 142, 796-804.	1.4	67
3	Ultra High-frequency Ultrasonographic Imaging with 70 MHz Scanner for Visualization of the Lymphatic Vessels. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2019, 7, e2086.	0.6	67
4	The Superior-Edge-of-the-Knee Incision Method in Lymphaticovenular Anastomosis for Lower Extremity Lymphedema. <i>Plastic and Reconstructive Surgery</i> , 2015, 136, 665e-675e.	1.4	59
5	Ultrasound visualization of the lymphatic vessels in the lower leg. <i>Microsurgery</i> , 2016, 36, 397-401.	1.3	55
6	Intraoperative imaging of lymphatic vessel using ultra high-frequency ultrasound. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2018, 71, 778-780.	1.0	39
7	Ultra-High frequency ultrasound imaging of lymphatic channels correlates with their histological features: A step forward in lymphatic surgery. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2020, 73, 1622-1629.	1.0	37
8	Ultrasound-Assisted Lymphaticovenular Anastomosis for the Treatment of Peripheral Lymphedema. <i>Plastic and Reconstructive Surgery</i> , 2017, 139, 1380e-1381e.	1.4	36
9	Thin and superthin perforator flap elevation based on preoperative planning with ultrahigh-frequency ultrasound. <i>Archives of Plastic Surgery</i> , 2020, 47, 365-370.	0.9	33
10	Establishment of supermicrosurgical lymphaticovenular anastomosis model in rat. <i>Microsurgery</i> , 2017, 37, 57-60.	1.3	30
11	The Recipient Venule in Supermicrosurgical Lymphaticovenular Anastomosis: Flow Dynamic Classification and Correlation with Surgical Outcomes. <i>Journal of Reconstructive Microsurgery</i> , 2018, 34, 581-589.	1.8	30
12	Superficial Circumflex Iliac Artery-Based Iliac Bone Flap Transfer for Reconstruction of Bony Defects. <i>Journal of Reconstructive Microsurgery</i> , 2018, 34, 719-728.	1.8	29
13	Lower temperature at the wound edge detected by thermography predicts undermining development in pressure ulcers: a pilot study. <i>International Wound Journal</i> , 2016, 13, 454-460.	2.9	24
14	Supermicrosurgical deep lymphatic vessel-to-venous anastomosis for a breast cancer-related arm lymphedema with severe sclerosis of superficial lymphatic vessels. <i>Microsurgery</i> , 2017, 37, 156-159.	1.3	24
15	Indocyanine Green Lymphography and Lymphaticovenous Anastomosis for Generalized Lymphatic Dysplasia with Pleural Effusion and Ascites in Neonates. <i>Annals of Vascular Surgery</i> , 2015, 29, 1111-1122.	0.9	22
16	Ultra-high frequency ultrasound in planning capillary perforator flaps: Preliminary experience. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2018, 71, 1146-1152.	1.0	20
17	Pure skin perforator flap direct elevation above the subdermal plane using preoperative ultra-high frequency ultrasound planning: A proof of concept. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2019, 72, 1700-1738.	1.0	17
18	Visualization of the Intradermal Plexus Using Ultrasonography in the Dermis Flap: A Step beyond Perforator Flaps. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2019, 7, e2411.	0.6	16

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19	Correlation between indocyanine green (ICG) patterns and real-time elastography images in lower extremity lymphedema patients. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2015, 68, 1592-1599.	1.0	15
20	Intraoperative Real-Time Visualization of the Lymphatic Vessels Using Microscope-Integrated Laser Tomography. <i>Journal of Reconstructive Microsurgery</i> , 2021, 37, 427-435.	1.8	13
21	Use of the Distal Facial Artery (Angular Artery) for Supermicrosurgical Midface Reconstruction. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2019, 7, e1978.	0.6	10
22	Technological Advances in Lymphatic Surgery. <i>Plastic and Reconstructive Surgery</i> , 2019, 144, 940e-942e.	1.4	10
23	Selection of Optimal Functional Lymphatic Vessel Cutoff Size in Supermicrosurgical Lymphaticovenous Anastomosis in Lower Extremity Lymphedema. <i>Plastic and Reconstructive Surgery</i> , 2022, 149, 237-246.	1.4	9
24	Use of Preoperative High-Resolution Ultrasound System to Facilitate Elevation of the Superficial Circumflex Iliac Artery Perforator Flap. <i>Journal of Reconstructive Microsurgery</i> , 2021, 37, 735-743.	1.8	8
25	Lower Limb Lymphedema Patients Can Still Benefit from Supermicrosurgical Lymphaticovenous Anastomosis (LVA) after Vascularized Lymph Node Flap Transfer (VLNT) as Delayed Lymphatic Reconstruction—A Retrospective Cohort Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 3121.	2.4	8
26	Recipient Venule Selection and Anastomosis Configuration for Lymphaticovenular Anastomosis in Extremity Lymphedema: Algorithm Based on 1,000 Lymphaticovenular Anastomosis. <i>Journal of Reconstructive Microsurgery</i> , 2022, 38, 472-480.	1.8	8
27	Lymphaticovenular Anastomosis for Advanced-Stage Peripheral Lymphedema: Expanding Indication and Introducing the Hand/Foot Sign. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2022, 75, 2153-2163.	1.0	8
28	Microsurgical venous-branch-plasty for approximating diameter and vessels' Position in lymphatic supermicrosurgery. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2016, 69, 1152-1153.	1.0	7
29	Use of a 72-cm-long extended bilateral deep inferior epigastric artery perforator free flap for reconstruction of a lower leg with no suitable recipient vessel around the injury zone: A case report. <i>Microsurgery</i> , 2018, 38, 89-93.	1.3	7
30	Recent Advances in Ultrasound Technology: Ultra-High Frequency Ultrasound for Reconstructive Supermicrosurgery. <i>Journal of Reconstructive Microsurgery</i> , 2022, 38, 193-199.	1.8	7
31	Lymph preserving lipectomy under indocyanine green lymphography navigation. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2015, 68, 136-137.	1.0	6
32	All-star lymphatic supermicrosurgery: Multiple lymph flow diversion using end-to-end, end-to-side, side-to-end, and side-to-side lymphaticovenular anastomoses in a surgical field. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2015, 68, e107-e108.	1.0	5
33	Parallel pocket incision: Less invasive surgical intervention for the treatment of intractable pressure ulcer with wound edge undermining. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2015, 68, 1432-1437.	1.0	5
34	Superficial Circumflex Iliac Artery Perforator Flap Elevation Using Preoperative High-Resolution Ultrasonography for Vessel Mapping and Flap Design. <i>Journal of Reconstructive Microsurgery</i> , 2022, 38, 217-220.	1.8	5
35	Designing An Anterolateral Thigh Flap Using Ultrasound. <i>Journal of Reconstructive Microsurgery</i> , 2022, 38, 206-216.	1.8	5
36	Mono-canalization of adhered lymphatic vessels for lymphatic supermicrosurgery. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2014, 67, e291-e292.	1.0	4

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37	Multipleâ€œone concept for lymphatic supermicrosurgery. <i>Microsurgery</i> , 2015, 35, 588-589.	1.3	4
38	Diascopic indocyanine green lymphography for deep lymphatic visualization. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2014, 67, e293-e294.	1.0	3
39	The role of nonâ€œenhanced angiography in toe tip transfer with small diameter pedicle. <i>Microsurgery</i> , 2015, 35, 364-369.	1.3	3
40	Targeting Reflux-Free Veins with a Vein Visualizer to Identify the Ideal Recipient Vein Preoperatively for Optimal Lymphaticovenous Anastomosis in Treating Lymphedema. <i>Plastic and Reconstructive Surgery</i> , 2018, 142, 983e-985e.	1.4	3
41	Temporary lymphatic expansion for evaluation of lymphosclerosis. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2014, 67, 1771-1772.	1.0	2
42	Versatility of indocyanine green lymphography navigation in lymphatic surgeries. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2016, 69, e162-e163.	1.0	2
43	Noncontrast Magnetic Resonance Lymphography for Evaluation of Lymph Node Transfer for Secondary Upper Limb Lymphedema. <i>Plastic and Reconstructive Surgery</i> , 2018, 142, 601e-603e.	1.4	2
44	Additional Lymphaticovenular Anastomosis on the Posterior Side for Treatment of Primary Lower Extremity Lymphedema. <i>Journal of Clinical Medicine</i> , 2022, 11, 867.	2.4	2
45	Surgical Treatment and Pathological Findings of Venous Malformations Involving a Nerve. <i>Journal of Reconstructive Microsurgery Open</i> , 2016, 01, 122-124.	0.2	1
46	Visualization of Blood Flow in an Undermined Pressure Ulcer Revealed by Sonographic Imaging and Clutter Suppression Post-Processing. <i>Journal of Diagnostic Medical Sonography</i> , 2017, 33, 33-36.	0.3	1
47	Breast Cancer related upper limb lymphedema: approach and surgical management. <i>Minerva Surgery</i> , 2021, , .	0.6	1
48	The half notching method for Flowâ€œthrough lymphaticovenular anastomosis. <i>Microsurgery</i> , 2015, 35, 415-416.	1.3	0
49	A method of continuous indirect aspiration for field clearance in lymphatic supermicrosurgery. <i>Microsurgery</i> , 2016, 36, 175-175.	1.3	0
50	Handsâ€œfree vein visualizer for preoperative assessment of recipient veins. <i>Microsurgery</i> , 2016, 36, 351-352.	1.3	0
51	Replantation and simultaneous free-flap reconstruction of severely traumatic forefoot amputation: a case report. <i>Case Reports in Plastic Surgery & Hand Surgery</i> , 2020, 7, 80-82.	0.3	0