

Shimpei Miyamoto

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9272784/shimpei-miyamoto-publications-by-citations.pdf>
Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

116 papers	978 citations	17 h-index	24 g-index
120 ext. papers	1,180 ext. citations	2 avg, IF	4.39 L-index

#	Paper	IF	Citations
116	Statistical analysis of surgical site infection after head and neck reconstructive surgery. <i>Annals of Surgical Oncology</i> , 2014 , 21, 1700-5	3.1	50
115	Comparison of pedicled and free anterolateral thigh flaps for reconstruction of complex defects of the abdominal wall: review of 20 consecutive cases. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2012 , 65, 1525-9	1.7	43
114	Effect of recipient arterial blood inflow on free flap survival area. <i>Plastic and Reconstructive Surgery</i> , 2008 , 121, 505-513	2.7	42
113	Comparative study of different combinations of microvascular anastomoses in a rat model: end-to-end, end-to-side, and flow-through anastomosis. <i>Plastic and Reconstructive Surgery</i> , 2008 , 122, 449-455	2.7	39
112	Three-dimensional reconstruction of supraglottic structures after partial pharyngolaryngectomy for hypopharyngeal cancer. <i>Japanese Journal of Clinical Oncology</i> , 2008 , 38, 408-13	2.8	32
111	Pelvic ring reconstruction with a double-barreled free vascularized fibula graft after resection of malignant pelvic bone tumor. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2015 , 135, 619-25	3.6	31
110	Use of vascularized free fibular head grafts for upper limb oncologic reconstruction. <i>Plastic and Reconstructive Surgery</i> , 2011 , 127, 1244-1253	2.7	29
109	A systematic review of near-infrared spectroscopy in flap monitoring: Current basic and clinical evidence and prospects. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2018 , 71, 246-257	1.7	29
108	A new flap design for tongue reconstruction after total or subtotal glossectomy in thin patients. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2009 , 62, 795-9	1.7	26
107	Intercalary reconstruction after wide resection of malignant bone tumors of the lower extremity using a composite graft with a devitalized autograft and a vascularized fibula. <i>Sarcoma</i> , 2015 , 2015, 861575	3.1	25
106	Biomechanical analysis of surgical correction of syndactyly. <i>Plastic and Reconstructive Surgery</i> , 2010 , 125, 963-8	2.7	25
105	Early Mobilization after Free-flap Transfer to the Lower Extremities: Preferential Use of Flow-through Anastomosis. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2014 , 2, e127	1.2	24
104	A comparison of perioperative complications following transfer of fibular and scapular flaps for immediate mandibular reconstruction. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2013 , 66, 372-5	1.7	23
103	Salvage total pharyngolaryngectomy and free jejunum transfer. <i>Laryngoscope</i> , 2011 , 121, 947-51	3.6	20
102	Retrospective outcome analysis of temporalis muscle transfer for the treatment of paralytic lagophthalmos. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2009 , 62, 1187-95	1.7	17
101	Comparative study of different combinations of microvascular anastomosis types in a rat vasospasm model: versatility of end-to-side venous anastomosis in free tissue transfer for extremity reconstruction. <i>Journal of Trauma</i> , 2009 , 66, 831-4		17
100	Thermal effect of illumination on microsurgical transfer of free flaps: experimental study and clinical implications. <i>Scandinavian Journal of Plastic and Reconstructive Surgery and Hand Surgery</i> , 2008 , 42, 58-66		17

99	Relationship between microvascular arterial anastomotic type and area of free flap survival: comparison of end-to-end, end-to-side, and retrograde arterial anastomosis. <i>Plastic and Reconstructive Surgery</i> , 2008 , 121, 1901-1908	2.7	17
98	Free jejunal patch graft for reconstruction after partial hypopharyngectomy with laryngeal preservation. <i>JAMA Otolaryngology</i> , 2011 , 137, 181-6		16
97	Transconjunctival orbital fat repositioning for tear trough deformity in young Asians. <i>Aesthetic Surgery Journal</i> , 2008 , 28, 265-71	2.4	16
96	Current role of the iliac crest flap in mandibular reconstruction. <i>Microsurgery</i> , 2011 , 31, 616-9	2.1	15
95	Thoracoacromial vessels as recipients for head and neck reconstruction and cause of vascular complications. <i>Microsurgery</i> , 2011 , 31, 628-31	2.1	14
94	Risk factors for gastric-tube dependence following tongue reconstruction. <i>Annals of Surgical Oncology</i> , 2012 , 19, 2320-6	3.1	13
93	Combined use of free jejunum and pectoralis major muscle flap with skin graft for reconstruction after salvage total pharyngolaryngectomy. <i>Microsurgery</i> , 2013 , 33, 119-24	2.1	13
92	Versatility of a posterior-wall-first anastomotic technique using a short-thread double-needle microsuture for atherosclerotic arterial anastomosis. <i>Microsurgery</i> , 2008 , 28, 505-8	2.1	13
91	Recent advances in reconstructive surgery: head and neck reconstruction. <i>International Journal of Clinical Oncology</i> , 2013 , 18, 561-5	4.2	11
90	Comparison of Donor Site Drainage Duration and Seroma Rate Between Latissimus Dorsi Musculocutaneous Flaps and Thoracodorsal Artery Perforator Flaps. <i>Annals of Plastic Surgery</i> , 2017 , 79, 183-185	1.7	11
89	Flow-through anastomosis for both the artery and vein in leg free flap transfer. <i>Microsurgery</i> , 2015 , 35, 536-40	2.1	11
88	Comparison of reconstruction plate and double flap for reconstruction of an extensive mandibular defect. <i>Microsurgery</i> , 2012 , 32, 452-7	2.1	11
87	Free pectoral skin flap in the rat based on the long thoracic vessels: a new flap model for experimental study and microsurgical training. <i>Annals of Plastic Surgery</i> , 2008 , 61, 209-14	1.7	11
86	Visualization of Accessory Lymphatic Pathways in Secondary Upper Extremity Lymphedema Using Indocyanine Green Lymphography. <i>Annals of Plastic Surgery</i> , 2017 , 79, 393-396	1.7	10
85	Reconstruction of Complex Groin Defects After Sarcoma Resection. <i>Annals of Plastic Surgery</i> , 2017 , 78, 443-447	1.7	10
84	Early detection of local recurrence after soft tissue sarcoma resection and flap reconstruction. <i>International Orthopaedics</i> , 2016 , 40, 1975-80	3.8	10
83	Pedicled superficial femoral artery perforator flaps for reconstruction of large groin defects. <i>Microsurgery</i> , 2014 , 34, 470-4	2.1	10
82	Risk factors for tracheal necrosis after total pharyngolaryngectomy. <i>Head and Neck</i> , 2015 , 37, 1207-10	4.2	10

81	Combined use of the cephalic vein and pectoralis major muscle flap for secondary esophageal reconstruction. <i>Microsurgery</i> , 2014 , 34, 319-23	2.1	10
80	Biomechanical analysis of stresses occurring in vertical and transverse scars on the lower leg. <i>Plastic and Reconstructive Surgery</i> , 2009 , 124, 1974-1979	2.7	10
79	Flow-through fibula flap using soleus branch as distal runoff: a case report. <i>Microsurgery</i> , 2013 , 33, 60-2	2.1	9
78	New application of the gluteal-fold flap for the treatment of anorectal stricture. <i>International Journal of Colorectal Disease</i> , 2011 , 26, 653-9	3	9
77	Clavien-Dindo classification for grading complications after total pharyngolaryngectomy and free jejunum transfer. <i>PLoS ONE</i> , 2019 , 14, e0222570	3.7	8
76	Self-citation rate and impact factor in the field of plastic and reconstructive surgery. <i>Journal of Plastic Surgery and Hand Surgery</i> , 2018 , 52, 40-46	1.5	8
75	Anatomy of the arterial and venous systems of the superficial inferior epigastric artery flap: A retrospective study based on computed tomographic angiography. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2020 , 73, 870-875	1.7	8
74	Combined use of anterolateral thigh flap and pharyngeal flap for reconstruction of extensive soft-palate defects. <i>Microsurgery</i> , 2016 , 36, 291-6	2.1	8
73	Efficient design of a latissimus dorsi musculocutaneous flap to repair large skin defects of the upper back. <i>Microsurgery</i> , 2014 , 34, 20-2	2.1	7
72	One-stage reconstruction of a tracheal defect with a free radial forearm flap and free costal cartilage grafts. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2014 , 67, 857-9	1.7	7
71	Anthropometric evaluation of bilateral cleft lip nose with cone beam computed tomography in early childhood: Estimation of nasal tip collapse. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2012 , 65, 169-74	1.7	7
70	Optimal technique for microvascular anastomosis of very small vessels: Comparative study of three techniques in a rat superficial inferior epigastric arterial flap model. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2010 , 63, 1196-201	1.7	7
69	Inadvertent injury of critical perforator vessels during perforator flap surgery. <i>Journal of Reconstructive Microsurgery</i> , 2012 , 28, 95-8	2.5	7
68	Transzygomatic coronoidectomy as a treatment for pseudoankylosis of the mandible after transtemporal surgery. <i>Scandinavian Journal of Plastic and Reconstructive Surgery and Hand Surgery</i> , 2008 , 42, 267-70		7
67	Septocutaneous thoracodorsal artery perforator flaps: a retrospective cohort study. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2019 , 72, 78-84	1.7	7
66	Clinical analysis of 33 flow-through latissimus dorsi flaps. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2015 , 68, 1425-31	1.7	6
65	Criteria for the Use of the SIEA Flap for Breast Reconstruction. <i>Plastic and Reconstructive Surgery</i> , 2016 , 137, 474e-475e	2.7	6
64	Morphologic study of mandibles in Japanese patients for mandibular reconstruction with fibula free flaps. <i>Head and Neck</i> , 2011 , 33, 383-8	4.2	6

63	Camouflaging a cleft lip scar with single-hair transplantation using a Choi hair transplanter. <i>Plastic and Reconstructive Surgery</i> , 2007 , 120, 517-520	2.7	6
62	Analysis of functional outcomes in patients with mandible reconstruction using vascularized fibular grafts. <i>Microsurgery</i> , 2017 , 37, 101-104	2.1	5
61	Flow-through divided latissimus dorsi musculocutaneous flap for large extremity defects. <i>Annals of Plastic Surgery</i> , 2015 , 74, 199-203	1.7	5
60	Simultaneous reconstruction of the bone and vessels for complex femoral defect. <i>World Journal of Surgical Oncology</i> , 2016 , 14, 291	3.4	5
59	Predictive factors of dysphagia after lateral and superior oropharyngeal reconstruction with free flap transfer. <i>Journal of Surgical Oncology</i> , 2016 , 113, 240-3	2.8	5
58	Free flow-through anterolateral thigh flap for complex knee defect including the popliteal artery. <i>Microsurgery</i> , 2015 , 35, 485-8	2.1	5
57	Preoperative modeling of costal cartilage for the auricular reconstruction of microtia. <i>Plastic and Reconstructive Surgery</i> , 2011 , 128, 23e-24e	2.7	5
56	Free latissimus dorsi musculocutaneous flap for external hemipelvectomy reconstruction. <i>Microsurgery</i> , 2019 , 39, 138-143	2.1	5
55	Anterolateral thigh flap for axillary reconstruction after sarcoma resection. <i>Microsurgery</i> , 2016 , 36, 378-383	3.8	4
54	Large-to-small end-to-side anastomosis to the internal mammary vein: a solution to vessel size discrepancy. <i>Microsurgery</i> , 2013 , 33, 329-30	2.1	4
53	Evaluation of routine contrast swallow following total pharyngolaryngectomy and free jejunal transfer. <i>Laryngoscope</i> , 2015 , 125, 2280-3	3.6	4
52	Rotationplasty with vascular reconstruction for prosthetic knee joint infection. <i>Case Reports in Orthopedics</i> , 2015 , 2015, 241405	0.4	4
51	T-shaped Pectoralis Major Musculocutaneous Flap for Reconstruction of an Extensive Circumferential Pharyngeal Defect. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2014 , 2, e129	1.2	4
50	Deep inferior epigastric artery perforator flap for maxillary reconstruction. <i>Laryngoscope</i> , 2019 , 129, 1325-1329	3.6	4
49	Free Flap Salvage after Recurrent Venous Thrombosis by Means of Large-Scale Treatment with Medical Leeches. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2016 , 4, e1157	1.2	3
48	Video Capture of Perforator Flap Harvesting Procedure with a Full High-definition Wearable Camera. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2016 , 4, e765	1.2	3
47	A "no-touch-technique" in mandibular reconstruction with reconstruction plate and free flap transfer. <i>Microsurgery</i> , 2016 , 36, 115-20	2.1	3
46	Combined Use of Anterolateral Thigh and Gluteal Fold Flaps for Complex Groin Reconstruction. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2015 , 3, e541	1.2	3

45	Venous-supercharged freestyle posterior thigh flap without a descending branch of the inferior gluteal artery for reconstruction in the infragluteal region. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2014 , 67, 1740-3	1.7	3
44	Ileal patch graft used to repair a bladder injured during repair of an abdominal wall hernia. <i>Journal of Plastic Surgery and Hand Surgery</i> , 2010 , 44, 66-8	1.5	3
43	Impairment of the brachial plexus after harvest of the latissimus dorsi muscle for reanimation of a paralysed face. <i>Scandinavian Journal of Plastic and Reconstructive Surgery and Hand Surgery</i> , 2007 , 41, 236-42		3
42	The use of lower abdominal perforator flaps in soft-tissue reconstruction after sarcoma resection. <i>Microsurgery</i> , 2020 , 40, 353-360	2.1	3
41	Autologous abdominal wall reconstruction using anterolateral thigh and iliotibial tract flap after extensive tumor resection: A case series study of 50 consecutive cases. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2020 , 73, 638-650	1.7	3
40	Mandibular reconstruction in elderly patients. <i>Journal of Surgical Oncology</i> , 2018 , 117, 1744-1751	2.8	3
39	Elongation of SIEV using SCIV in breast reconstruction with an SIEA flap. <i>Microsurgery</i> , 2017 , 37, 721-722	2.1	2
38	Efficacy of Tensed and Straight Free Jejunum Transfer for the Reduction of Postoperative Dysphagia. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2017 , 5, e1599	1.2	2
37	Combined Use of an Anterolateral Thigh Flap and Superficial Inferior Epigastric Artery Flap for Reconstruction of an Extensive Abdominal Wall Defect. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2016 , 4, e1121	1.2	2
36	Free descending genicular artery perforator flap harvested with the free-style approach: a case report. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2013 , 66, 1604-6	1.7	2
35	Hemi-Intravascular Stenting for Supermicrosurgical Anastomosis. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2017 , 5, e1533	1.2	2
34	Vastus lateralis muscle flaps for monitoring buried anterolateral thigh flaps. <i>Journal of Craniofacial Surgery</i> , 2013 , 24, 1739-40	1.2	2
33	Perforator anatomy of the fibula osteocutaneous flap. <i>Plastic and Reconstructive Surgery</i> , 2012 , 129, 849e-850e	2.7	2
32	Miniaturization of Indocyanine Green Fluorescence Imaging Device Using a Smartphone. <i>Plastic and Reconstructive Surgery</i> , 2020 , 145, 230e-232e	2.7	2
31	The Superior Rectal Artery as a Recipient Vessel for Free Flap Transfer After Partial Sacrectomy in Patients With Chordoma. <i>Annals of Plastic Surgery</i> , 2016 , 76, 315-7	1.7	2
30	Large-to-Small End-to-Side Venous Anastomosis in Free Flap Transfer. <i>Journal of Surgical Research</i> , 2020 , 245, 377-382	2.5	2
29	Combined use of ipsilateral latissimus dorsi flap and anterolateral thigh flap to reconstruct extensive trunk defects. <i>Microsurgery</i> , 2021 , 41, 175-180	2.1	2
28	Successful Pregnancy and Delivery after Autologous Abdominal Wall Reconstruction using Anterolateral-Thigh and Iliotibial-Tract Flap. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2018 , 6, e1819	1.2	2

27	Flap reconstruction after groin and medial thigh sarcoma resection reduces the risk of lower-extremity lymphedema. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2019 , 72, 685-710 ^{1.7}	1
26	Accompanying artery of sciatic nerve as recipient vessel for free-flap transfer: a computed tomographic angiography study and case reports. <i>Microsurgery</i> , 2015 , 35, 284-9	2.1 1
25	Late Arterial Thrombosis after Microvascular Head and Neck Reconstruction due to Combined Factors of Pedicle Artery Loop and Submandibular Gland Swelling. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2017 , 5, e1446	1.2 1
24	Single venous anastomosis versus dual venous anastomoses in free anterolateral thigh flap transfer: A cohort study. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2016 , 69, 1313-5	1.7 1
23	Regional Oxygen Saturation Index: A Novel Criterion for Free Flap Assessment Using Tissue Oximetry. <i>Plastic and Reconstructive Surgery</i> , 2017 , 139, 1213e-1214e	2.7 1
22	The Boomerang-shaped Pectoralis Major Musculocutaneous Flap for Reconstruction of Circular Defect of Cervical Skin. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2017 , 5, e1579	1.2 1
21	Technical tips to trim the stump of a nonspurting recipient artery. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2014 , 2, e248	1.2 1
20	Preexisting deep venous thrombosis in the peroneal vein of a free vascularized fibular graft. <i>Plastic and Reconstructive Surgery</i> , 2013 , 132, 694e-696e	2.7 1
19	Reconstruction after partial hypopharyngectomy with larynx preservation. <i>Plastic and Reconstructive Surgery</i> , 2011 , 128, 327-328	2.7 1
18	Secondary Vulvar Reconstruction Using Bilateral Gluteal Fold Flaps after Radical Vulvectomy with Direct Closure. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2021 , 9, e3550	1.2 1
17	A Quantitative Evaluation of the Flow-Increasing Effect of Flow-Through Arterial Anastomosis in the Vascular Pedicle of Free Flaps: A Prospective Clinical Before-and-After Study. <i>Plastic and Reconstructive Surgery</i> , 2021 , 148, 871-881	2.7 1
16	Superficial Circumflex Iliac Perforator-Osteocutaneous Flap for Reconstruction of Extensive Composite Defects in the Forefoot. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2020 , 8, e3076	1.2 0
15	Y-shaped flow-through anastomosis during a flow-through flap transfer. <i>Microsurgery</i> , 2016 , 36, 89-90	2.1
14	Dual venous drainage to 1 recipient vein in the anterolateral thigh flap. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2015 , 3, e285	1.2
13	Survival area of free flap perfused by retrograde artery inflow. <i>Plastic and Reconstructive Surgery</i> , 2013 , 132, 475e-476e	2.7
12	Preoperative assessment of soft tissue deficiency in the temporal region with reverse engineering. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2011 , 64, 695-7	1.7
11	Reliable option for salvage pharyngoesophageal reconstruction. <i>Plastic and Reconstructive Surgery</i> , 2011 , 127, 1734-1735	2.7
10	Low skin paddle pedicled latissimus dorsi flap with vascular supercharging: possibility of complete survival of a larger and/or more distal flap. <i>Plastic and Reconstructive Surgery</i> , 2011 , 128, 568e-569e	2.7

- 9 Secondary reconstruction of the eye socket in a free flap transferred after complete excision of the orbit. *Scandinavian Journal of Plastic and Reconstructive Surgery and Hand Surgery*, **2007**, 41, 59-64
- 8 Total Maxillectomy and Free Flap Reconstruction in Hemodialysis Patients: Report of Two Cases. *Plastic and Reconstructive Surgery - Global Open*, **2021**, 9, e3922 1.2
- 7 Composite Axillary Defect After Sarcoma Resection: Reconstruction with Anterolateral Thigh Flap **2021**, 1-7
- 6 Clinical analysis of lip reconstruction after excision of lip cancer. *Japanese Journal of Head and Neck Cancer*, **2015**, 41, 386-391 0.1
- 5 Reuse of same recipient vessels for head and neck second free-flap reconstruction. *Japanese Journal of Head and Neck Cancer*, **2013**, 39, 368-373 0.1
- 4 Clinical analysis of orbital floor reconstruction with titanium mesh after total maxillectomy. *Japanese Journal of Head and Neck Cancer*, **2014**, 40, 114-119 0.1
- 3 Letter of response to comments on publication: "Autologous abdominal wall reconstruction using anterolateral thigh and iliotibial tract flap after extensive tumor resection: A case series study of 50 consecutive cases" *Journal of Plastic, Reconstructive and Aesthetic Surgery*, **2021**, 74, 223-243 1.7
- 2 Response to letter commenting on "The use of lower abdominal perforator flaps in soft-tissue reconstruction after sarcoma resection". *Microsurgery*, **2021**, 41, 396-397 2.1
- 1 The concept of "whole perforator system" in the lateral thoracic region for latissimus dorsi muscle-preserving large flaps: An anatomical study and case series. *PLoS ONE*, **2021**, 16, e0256962 3.7