

# Tai Suk Roh

## List of Publications by Year in descending order

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89  
papers

1,214  
citations

430874

18  
h-index

477307

29  
g-index

89  
all docs

89  
docs citations

89  
times ranked

1450  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Use of Matriderm and Autologous Skin Graft in the Treatment of Full Thickness Skin Defects. Archives of Plastic Surgery, 2014, 41, 330-336.	0.9	97
2	The effect of botulinum toxin A on skin flap survival in rats. Wound Repair and Regeneration, 2009, 17, 411-417.	3.0	60
3	Scar Prevention and Enhanced Wound Healing Induced by Polydeoxyribonucleotide in a Rat Incisional Wound-Healing Model. International Journal of Molecular Sciences, 2017, 18, 1698.	4.1	53
4	Ischemic Oculomotor Nerve Palsy and Skin Necrosis Caused by Vascular Embolization After Hyaluronic Acid Filler Injection. Annals of Plastic Surgery, 2013, 71, 333-334.	0.9	52
5	Inferior gluteal artery perforator flap: a viable alternative for ischial pressure sores. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2009, 62, 1347-1354.	1.0	48
6	Infrabrow Excision Blepharoplasty: Applications and Outcomes in Upper Blepharoplasty in Asian Women. Plastic and Reconstructive Surgery, 2008, 122, 1199-1205.	1.4	42
7	Ideal scaffold design for total ear reconstruction using a three-dimensional printing technique. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 1295-1303.	3.4	32
8	Correction of Congenital Auricular Deformities Using the Ear-Molding Technique. Archives of Plastic Surgery, 2016, 43, 512-517.	0.9	30
9	An Analysis of the Experiences of 62 Patients with Moderate Complications after Full-Face Fat Injection for Augmentation. Plastic and Reconstructive Surgery, 2012, 129, 1359-1368.	1.4	29
10	Long-term functional outcomes after total tongue reconstruction: Consideration of flap types, volume, and functional results. Microsurgery, 2017, 37, 190-196.	1.3	29
11	Early experiences with robot-assisted prosthetic breast reconstruction. Archives of Plastic Surgery, 2019, 46, 79-83.	0.9	28
12	Complication of AQUAFilling® Gel Injection for Breast Augmentation: Case Report of One Case and Review of Literature. Aesthetic Plastic Surgery, 2018, 42, 1252-1256.	0.9	26
13	Effect of botulinum toxin A on vasoconstriction and sympathetic neurotransmitters in a murine random pattern skin flap model. Wound Repair and Regeneration, 2017, 25, 75-85.	3.0	25
14	Salvage of Infected Breast Implants. Archives of Plastic Surgery, 2017, 44, 516-522.	0.9	24
15	Comparison of complications according to incision types in nipple-sparing mastectomy and immediate reconstruction. Breast, 2020, 53, 85-91.	2.2	24
16	Evaluation of the Efficacy of Microsurgical Practice Through Time Factor Added Protocol. Journal of Craniofacial Surgery, 2010, 21, 876-881.	0.7	23
17	Robotic DIEP Flap Harvest through a Totally Extraperitoneal Approach Using a Single-Port Surgical Robotic System. Plastic and Reconstructive Surgery, 2021, 148, 304-307.	1.4	23
18	Hypopharyngeal Reconstruction Using Remnant Narrow Pharyngeal Wall as Omega-Shaped Radial Forearm Free Flap. Journal of Craniofacial Surgery, 2009, 20, 1334-1340.	0.7	22

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19	Influence of Radiation Dose to Reconstructed Breast Following Mastectomy on Complication in Breast Cancer Patients Undergoing Two-Stage Prosthetic Breast Reconstruction. <i>Frontiers in Oncology</i> , 2019, 9, 243.	2.8	21
20	Pectoralis majorâ€“rectus abdominis bipediced muscle flap in the treatment of poststernotomy mediastinitis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008, 136, 618-622.	0.8	19
21	Immediate Partial Breast Reconstruction with Endoscopic Latissimus Dorsi Muscle Flap Harvest. <i>Archives of Plastic Surgery</i> , 2014, 41, 513-519.	0.9	19
22	Rice Cooker Steam Hand Burn in the Pediatric Patient. <i>Plastic and Reconstructive Surgery</i> , 2000, 106, 76-80.	1.4	18
23	Volume and distances of the maxillary sinus in craniofacial deformities with midfacial hypoplasia. <i>Otolaryngology - Head and Neck Surgery</i> , 2009, 141, 614-620.	1.9	18
24	Pretarsal Augmented Lower Blepharoplasty. <i>Plastic and Reconstructive Surgery</i> , 2016, 138, 74-82.	1.4	18
25	Patient Satisfaction with Implant Based Breast Reconstruction Associated with Implant Volume and Mastectomy Specimen Weight Ratio. <i>Journal of Breast Cancer</i> , 2017, 20, 98.	1.9	18
26	Usefulness of Cross-Linked Human Acellular Dermal Matrix as an Implant for Dorsal Augmentation in Rhinoplasty. <i>Aesthetic Plastic Surgery</i> , 2018, 42, 288-294.	0.9	18
27	Radial forearmâ€“palmaris longus tenocutaneous free flap; implication in the repair of the moderateâ€“sized postoncologic soft palate defect. <i>Head and Neck</i> , 2009, 31, 1220-1227.	2.0	17
28	Immediate Breast Reconstruction Does Not Have a Clinically Significant Impact on Adjuvant Treatment Delay and Subsequent Survival Outcomes. <i>Journal of Breast Cancer</i> , 2019, 22, 109.	1.9	17
29	Reconstruction of Ankle and Heel Defects with Peroneal Artery Perforator-Based Pedicled Flaps. <i>Archives of Plastic Surgery</i> , 2015, 42, 619.	0.9	17
30	Correction of Dark Coloration of the Lower Eyelid Skin with Nanofat Grafting. <i>Archives of Aesthetic Plastic Surgery</i> , 2014, 20, 92.	0.2	15
31	Comparing the Effect of Nonactivated Platelet-Rich Plasma, Activated Platelet-Rich Plasma, and Bone Morphogenetic Protein-2 on Calvarial Bone Regeneration. <i>Journal of Craniofacial Surgery</i> , 2016, 27, 317-321.	0.7	14
32	Acceleration of osteogenesis by platelet-rich plasma with acellular dermal matrix in a calvarial defect model. <i>Child's Nervous System</i> , 2016, 32, 1653-1659.	1.1	13
33	Scaffold Free Bone Regeneration Using Platelet-Rich Fibrin in Calvarial Defect Model. <i>Journal of Craniofacial Surgery</i> , 2018, 29, 251-254.	0.7	13
34	Lateral Oropharyngeal Wall Coverage with Buccinator Myomucosal and Buccal Fat Pad Flaps. <i>Archives of Plastic Surgery</i> , 2015, 42, 453-460.	0.9	13
35	Analysis of factors that affect drainage volume after expander-based breast reconstruction. <i>Archives of Plastic Surgery</i> , 2020, 47, 33-41.	0.9	13
36	The use of acellular dermal matrix in immediate two-stage prosthetic breast reconstruction provides protection from postmastectomy radiation therapy: a clinicopathologic perspective. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 27.	3.6	12

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37	The fetal wound healing: a review. <i>Yonsei Medical Journal</i> , 2001, 42, 630.	2.2	11
38	Botulinum Toxin A Affects Early Capsule Formation Around Silicone Implants in a Rat Model. <i>Annals of Plastic Surgery</i> , 2015, 74, 488-495.	0.9	11
39	Reduction malarplasty by bidirectional wedge osteotomy or two percutaneous osteotomies according to zygoma protrusion type. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2016, 44, 1662-1669.	1.7	11
40	The effect of light-emitting diode (590/830Ånm)â™based low-level laser therapy on posttraumatic edema of facial bone fracture patients. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2017, 45, 1875-1877.	1.7	11
41	The effect of combination therapy on critical-size bone defects using non-activated platelet-rich plasma and adipose-derived stem cells. <i>Child's Nervous System</i> , 2020, 36, 145-151.	1.1	10
42	Anterolateral thigh free flaps and radial forearm free flaps in head and neck reconstruction: A 20-year analysis from a single institution. <i>Archives of Plastic Surgery</i> , 2021, 48, 49-54.	0.9	10
43	Sex-related and racial variations in orbital floor anatomy. <i>Archives of Craniofacial Surgery</i> , 2020, 21, 219-224.	1.3	10
44	Palatal Mucoperiosteal Island Flaps for Palate Reconstruction. <i>Archives of Craniofacial Surgery</i> , 2014, 15, 70.	1.3	9
45	Comparison of Outcomes between Direct-to-Implant Breast Reconstruction Following Nipple-Sparing Mastectomy through Inframammary Fold Incision versus Noninframammary Fold Incision. <i>Journal of Breast Cancer</i> , 2018, 21, 213.	1.9	8
46	A Novel Technique of Asian Tip Plasty: Rein-Shaped Columellar Strut Graft. <i>Aesthetic Plastic Surgery</i> , 2019, 43, 1301-1309.	0.9	8
47	Hairline Lowering Surgery With Bone Tunneling Suture Fixation: Effectiveness and Safety in 91 Patients. <i>Aesthetic Surgery Journal</i> , 2019, 39, NP97-NP105.	1.6	8
48	Inhibition of Wnt signaling pathway suppresses radiation-induced dermal fibrosis. <i>Scientific Reports</i> , 2020, 10, 13594.	3.3	8
49	Ultrasonic dissection versus electrocautery for immediate prosthetic breast reconstruction. <i>Archives of Plastic Surgery</i> , 2020, 47, 20-25.	0.9	8
50	Variance of the pectoralis major in relation to the inframammary fold and the pectoralis minor and its application to breast surgery. <i>Clinical Anatomy</i> , 2017, 30, 357-361.	2.7	7
51	Radially patterned polycaprolactone nanofibers as an active wound dressing agent. <i>Archives of Plastic Surgery</i> , 2019, 46, 399-404.	0.9	7
52	The Effects of Botulinum Toxin A on Collagen Synthesis, Expression of MMP (matrix) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (meta Archives of Aesthetic Plastic Surgery, 2013, 19, 114.	0.2	7
53	Forehead reconstruction with a custom-made three-dimensional titanium implant in a Parry-Romberg syndrome patient. <i>Archives of Craniofacial Surgery</i> , 2018, 19, 135-138.	1.3	7
54	Cryptotia recurrence lowering technique with additional acellular dermal matrix graft. <i>Archives of Craniofacial Surgery</i> , 2019, 20, 170-175.	1.3	7

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55	Three-Dimensionally Printed Breast Reconstruction Devices Facilitate Nanostructure Surface-Guided Healthy Lipogenesis. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 4962-4969.	5.2	6
56	Single-port robot-assisted prosthetic breast reconstruction with the da Vinci SP Surgical System: first clinical report. <i>Archives of Plastic Surgery</i> , 2021, 48, 194-198.	0.9	6
57	Mandible Reconstruction with 3D Virtual Planning. <i>Journal of International Society for Simulation Surgery</i> , 2015, 2, 90-93.	0.0	6
58	Effect of Relaxin Expression from an Alginate Gel-Encapsulated Adenovirus on Scar Remodeling in a Pig Model. <i>Yonsei Medical Journal</i> , 2019, 60, 854.	2.2	6
59	Surgical correction of pseudoainhum in chronic epidermolysis bullosa: a case report. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2009, 62, e191-e193.	1.0	5
60	Oral propranolol therapy in 23 infants with infantile hemangioma. <i>Archives of Plastic Surgery</i> , 2018, 45, 517-524.	0.9	5
61	Dimensional changes in reconstructed nipples: autologous versus prosthetic breast reconstruction. <i>Annals of Surgical Treatment and Research</i> , 2019, 96, 8.	1.0	5
62	Septo-capsulopalpebral fascial recession flap technique in lower blepharoplasty: An experience of 453 consecutive cases and a review of the literature. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2020, 73, 156-165.	1.0	5
63	A Prospective Randomized Study: The Usefulness and Efficacy of Negative Pressure Wound Therapy with Lipidocolloid Polyester Mesh Compared to Traditional Negative Pressure Wound Therapy for Treatment of Pressure Ulcers. <i>Pharmaceutics</i> , 2020, 12, 813.	4.5	5
64	Sustained Release of Decoy Wnt Receptor (sLRP6E1E2)-Expressing Adenovirus Using Gel-Encapsulation for Scar Remodeling in Pig Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2242.	4.1	5
65	Metformin Inhibits Transforming Growth Factor $\beta$ -Induced Fibrogenic Response of Human Dermal Fibroblasts and Suppresses Fibrosis in Keloid Spheroids. <i>Annals of Plastic Surgery</i> , 2021, 86, 406-411.	0.9	5
66	Initial report of extraperitoneal pedicle dissection in deep inferior epigastric perforator flap breast reconstruction using the da Vinci SP. <i>Archives of Plastic Surgery</i> , 2022, 49, 34-38.	0.9	4
67	Descending Necrotizing Mediastinitis and Facial Palsy as Serial Complications in Orthognathic Surgery. <i>Journal of Craniofacial Surgery</i> , 2011, 22, 559-561.	0.7	3
68	The Effect of Red Ginseng Extract Intake on Ischemic Flaps. <i>Journal of Investigative Surgery</i> , 2017, 30, 19-25.	1.3	3
69	Expanding the use of internal mammary artery perforators as a recipient vessel in free tissue transfer: An anatomical analysis by computed tomography angiography in breast cancer patients. <i>Microsurgery</i> , 2019, 39, 509-514.	1.3	3
70	Hypofractionated Radiotherapy With Volumetric Modulated Arc Therapy Decreases Postoperative Complications in Prosthetic Breast Reconstructions: A Clinicopathologic Study. <i>Frontiers in Oncology</i> , 2020, 10, 577136.	2.8	3
71	Treatment strategy for skin and soft tissue infections caused by nontuberculous mycobacteria following various procedures. <i>Archives of Aesthetic Plastic Surgery</i> , 2021, 27, 3-11.	0.2	3
72	Current Status of Face Transplantation: Where Do We Stand in Korea?. <i>Archives of Craniofacial Surgery</i> , 2012, 13, 85.	1.3	3

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73	Commentary on: Paranasal Augmentation Using Multi-Folded Expanded Polytetrafluorethylene (ePTFE) in the East Asian Nose. <i>Aesthetic Surgery Journal</i> , 2019, 39, 1329-1330.	1.6	2
74	Effects of Hat-Shaped Mortised Genioplasty with Genioglossus Muscle Advancement on Retrogenia and Snoring: Assessment of Esthetic, Functional, and Psychosocial Results. <i>Aesthetic Plastic Surgery</i> , 2019, 43, 412-419.	0.9	2
75	Dickkopf 2 "Expressing Adenovirus Increases the Survival of Random-Pattern Flaps and Promotes Vasculogenesis in a Rat Model. <i>Annals of Plastic Surgery</i> , 2020, 84, 588-594.	0.9	2
76	Correction of Sunken and/or Multiple Folded Upper Eyelid by Refined Structural Micro-Fat Graft: Technical Pearls. <i>Archives of Aesthetic Plastic Surgery</i> , 2013, 19, 29.	0.2	2
77	Characteristics of adhesion areas between the tissue expander and capsule in implant-based breast reconstruction. <i>Archives of Plastic Surgery</i> , 2019, 46, 330-335.	0.9	2
78	Effect of Mortalin on Scar Formation in Human Dermal Fibroblasts and a Rat Incisional Scar Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7918.	4.1	2
79	Microsurgical reconstruction of posttraumatic large soft tissue defects on face. <i>Journal of the Korean Medical Association</i> , 2018, 61, 724.	0.3	1
80	A Follow-Up to "Complication of AQUAfilling® Gel Injection for Breast Augmentation: Case Report of One Case and Review of Literature". <i>Aesthetic Plastic Surgery</i> , 2020, 44, 607-607.	0.9	1
81	Correction of an animation deformity that developed from breast implant removal. <i>Archives of Aesthetic Plastic Surgery</i> , 2020, 26, 169-172.	0.2	1
82	Clinical Experiences of Pilimatrixoma in a Single Institution. [Chapchi] <i>Journal Taehan Oekwa Hakhoe</i> , 2010, 78, 238.	1.1	0
83	Palmar Crease-plasty. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2010, 63, e104-e106.	1.0	0
84	The Abdominal Fascial Closure in a Double-Breasted Jacket Pattern Following a TRAM Free Flap Breast Reconstruction. <i>Journal of Reconstructive Microsurgery</i> , 2014, 30, 097-102.	1.8	0
85	Stromal vascular fraction injection to treat intractable radiation-induced rectovaginal fistula. <i>Archives of Plastic Surgery</i> , 2021, 48, 127-130.	0.9	0
86	A 45-degree Upward Tension-Releasing Epicanthoplasty Performed in 712 Consecutive Cases. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2021, 74, 3101-3107.	1.0	0
87	Discussion: A Scientometric Analysis of 20 Years of Research on Breast Reconstruction Surgery: A Guide to Research Design and Journal Selection. <i>Archives of Plastic Surgery</i> , 2013, 40, 116.	0.9	0
88	Looking Forward to the First Impact Factor of <i>Archives of Plastic Surgery</i> . <i>Archives of Plastic Surgery</i> , 2015, 42, 675.	0.9	0
89	A Combination of Direct-to-Implant and Vertical Mastopexy Immediate Breast Reconstruction: A Case Report. <i>Archives of Aesthetic Plastic Surgery</i> , 2018, 24, 72-74.	0.2	0