

Pierluigi Tos

List of Publications by Year in descending order

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Version: 2024-02-01

127
papers

3,840
citations

156536

32
h-index

175968

55
g-index

129
all docs

129
docs citations

129
times ranked

3342
citing authors

#	ARTICLE	IF	CITATIONS
1	Management of digital amputations: commentary and personal opinions. Journal of Hand Surgery: European Volume, 2022, , 175319342210858.	0.5	0
2	The surgical outcomes of radial artery forearm free-flap phalloplasty in transgender men: single-centre experience and systematic review of the current literature. International Journal of Impotence Research, 2021, 33, 737-745.	1.0	12
3	Experimental Methods to Simulate and Evaluate Postsurgical Peripheral Nerve Scarring. Journal of Clinical Medicine, 2021, 10, 1613.	1.0	6
4	Studying nerve transfers: Searching for a consensus in nerve axons count. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2021, 74, 2731-2736.	0.5	1
5	Degenerative sequelae in wrist trauma: surgical options. Minerva Orthopedics, 2021, 72, .	0.1	2
6	Effect of unacylated ghrelin on peripheral nerve regeneration. European Journal of Histochemistry, 2021, 65, .	0.6	0
7	Treatment of chronic Osteomyelitis with vascularized bone flaps in one-stage-procedure. Handchirurgie Mikrochirurgie Plastische Chirurgie, 2020, 52, 116-122.	0.2	6
8	Long-term clinical results of 33 thumb replantations. Injury, 2020, 51, S71-S76.	0.7	3
9	Prevention of symptomatic neuroma in traumatic digital amputation: A RAND/UCLA appropriateness method consensus study. Injury, 2020, 51, S103-S107.	0.7	2
10	A sequence of flaps and dissection exercises in the living model to improve the learning curve for perforator flap surgery. Injury, 2020, 51, S22-S30.	0.7	8
11	Critical analysis of the value of the rabbit median nerve model for biomedical research on peripheral nerve grafts. Journal of Tissue Engineering and Regenerative Medicine, 2020, 14, 736-740.	1.3	4
12	Fibulo-scapho-lunate fusion after resection of the distal radius: Case series, review of the literature and critical analysis of bone fixation. Injury, 2020, 51, 2893-2899.	0.7	2
13	International microsurgery simulation society (IMSS) consensus statement on the minimum standards for a basic microsurgery course, requirements for a microsurgical anastomosis global rating scale and minimum thresholds for training. Injury, 2020, 51, S126-S130.	0.7	35
14	Major Amputations at the Arm and Forearm Level: Replantation Strategy and Technique. , 2020, , 1-12.		0
15	Lumbrical Muscles Neural Branching Patterns: A Cadaveric Study With Potential Clinical Implications. Hand, 2020, , 155894472096388.	0.7	2
16	Propeller Flaps for Hand and Digit Reconstruction. Seminars in Plastic Surgery, 2020, 34, 192-199.	0.8	1
17	The Median Nerve Injury Model in Pre-clinical Research – A Critical Review on Benefits and Limitations. Frontiers in Cellular Neuroscience, 2019, 13, 288.	1.8	24
18	“Close” open “close free-flap technique” for the cover of severely injured limbs. Injury, 2019, 50, S29-S31.	0.7	3

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19	Emergency toe-to-hand transfer for post-traumatic finger reconstruction: A multicenter case series. <i>Injury</i> , 2019, 50, S88-S94.	0.7	8
20	Finger amputations and pulp defects distal to the distal interphalangeal joint. <i>Journal of Hand Surgery: European Volume</i> , 2019, 44, 1105-1106.	0.5	14
21	Anterolateral Thigh Flap in a Chicken Model: A Novel Perforator Training Model. <i>Journal of Reconstructive Microsurgery</i> , 2019, 35, 485-488.	1.0	11
22	The medial femoral condyle free corticoperiosteal flap versus traditional bone graft for treatment of nonunions of long bones: a retrospective comparative cohort study. <i>Injury</i> , 2019, 50, S54-S58.	0.7	8
23	Hand surgery in Italy. <i>Journal of Hand Surgery: European Volume</i> , 2019, 44, 116-118.	0.5	0
24	Chitosan tubes enriched with fresh skeletal muscle fibers for delayed repair of peripheral nerve defects. <i>Neural Regeneration Research</i> , 2019, 14, 1079.	1.6	23
25	Locking Dorsal Plate in Four-Bone Arthrodesis in SLAC and SNAC 3 Wrist. <i>Joints</i> , 2018, 06, 037-041.	1.5	4
26	Porcine Model for Deep Superior Epigastric Artery Perforator Flap Harvesting: Anatomy and Technique. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2018, 6, e1659.	0.3	2
27	Porcine Model for Gluteal Artery Perforator Flap. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2018, 6, e1661.	0.3	0
28	Porcine Model for Internal Mammary Vessels Harvesting. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2018, 6, e1664.	0.3	1
29	Nerve Repair Using Decellularized Nerve Grafts in Rat Models. A Review of the Literature. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 427.	1.8	50
30	Chitosan Tubes Enriched with Fresh Skeletal Muscle Fibers for Primary Nerve Repair. <i>BioMed Research International</i> , 2018, 2018, 1-13.	0.9	27
31	Irreversible changes occurring in long-term denervated Schwann cells affect delayed nerve repair. <i>Journal of Neurosurgery</i> , 2017, 127, 843-856.	0.9	38
32	Below Knee Stump Reconstruction with a Foot Fillet Flap. <i>Journal of Reconstructive Microsurgery</i> , 2017, 33, S20-S26.	1.0	6
33	Role of Negative Pressure Therapy as Damage Control in Soft Tissue Reconstruction for Open Tibial Fractures. <i>Journal of Reconstructive Microsurgery</i> , 2017, 33, S08-S13.	1.0	19
34	Use of human fat grafting in the prevention of perineural adherence: Experimental study in athymic mouse. <i>PLoS ONE</i> , 2017, 12, e0176393.	1.1	8
35	Traumatic Extensor Tendon Injuries to the Hand: Clinical Anatomy, Biomechanics, and Surgical Procedure Review. <i>Journal of Hand and Microsurgery</i> , 2016, 08, 002-012.	0.1	25
36	Chitosan crosslinked flat scaffolds for peripheral nerve regeneration. <i>Biomedical Materials (Bristol)</i> , 2016, 11, 045010.	1.7	33

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37	Efficacy of anti-adhesion gel of carboxymethylcellulose with polyethylene oxide on peripheral nerve: Experimental results on a mouse model. <i>Muscle and Nerve</i> , 2016, 53, 304-309.	1.0	14
38	Added Qualifications in Microsurgery: Consideration for Subspecialty Certification in Microvascular Surgery in Europe. <i>Journal of Reconstructive Microsurgery</i> , 2016, 32, 476-483.	1.0	3
39	Peripheral Nerve. , 2016, , 453-464.		0
40	Can an adipofascial flap be used to prevent adhesions after plating of the proximal phalanx? A case report. <i>Chirurgie De La Main</i> , 2015, 34, 86-90.	0.7	5
41	Midfoot reconstruction with serratus anterior rib osteomuscular free flap following oncological resection of synovial sarcoma. <i>Journal of Orthopaedics and Traumatology</i> , 2015, 16, 347-350.	1.0	3
42	Local delivery of the Neuregulin1 receptor ecto-domain (ecto-ErbB4) has a positive effect on regenerated nerve fiber maturation. <i>Gene Therapy</i> , 2015, 22, 901-907.	2.3	7
43	Step-by-step surgical technique for mandibular reconstruction with fibular free flap: application of digital technology in virtual surgical planning. <i>European Archives of Oto-Rhino-Laryngology</i> , 2015, 272, 1491-1501.	0.8	101
44	Surgical repair of acute and chronic pectoralis major tendon rupture: clinical and ultrasound outcomes at a mean follow-up of 5 years. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2015, 25, 91-98.	0.6	27
45	Painful scar neuropathy: principles of diagnosis and treatment. <i>Plastic and Aesthetic Research</i> , 2015, 2, 156.	0.2	20
46	Clinical Applications of End-to-Side Neuroorrhaphy: An Update. <i>BioMed Research International</i> , 2014, 2014, 1-5.	0.9	31
47	Perforator Based Propeller Flaps in Limb Reconstructive Surgery: Clinical Application and Literature Review. <i>BioMed Research International</i> , 2014, 2014, 1-5.	0.9	13
48	Lower Limb Core Scale: A New Application to Evaluate and Compare the Outcomes of Bone and Soft-Tissue Tumours Resection and Reconstruction. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	8
49	The amnion muscle combined graft (AMCG) conduits: A new alternative in the repair of wide substance loss of peripheral nerves. <i>Microsurgery</i> , 2014, 34, 616-622.	0.6	18
50	Treatment of Painful Median Nerve Neuromas With Radial and Ulnar Artery Perforator Adipofascial Flaps. <i>Journal of Hand Surgery</i> , 2014, 39, 721-727.	0.7	20
51	Particularities of hand and wrist complex injuries in polytrauma management. <i>Injury</i> , 2014, 45, 448-451.	0.7	15
52	The ulnar palmar perforator flap: Anatomical study and clinical application. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2014, 67, 600-606.	0.5	16
53	A simple and reliable method to perform biomechanical evaluation of postoperative nerve adhesions. <i>Journal of Neuroscience Methods</i> , 2014, 233, 73-77.	1.3	13
54	Replantation. <i>Clinics in Plastic Surgery</i> , 2014, 41, 385-395.	0.7	22

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55	Update on nerve repair by biological tubulization. <i>Journal of Brachial Plexus and Peripheral Nerve Injury</i> , 2014, 9, 3.	1.0	31
56	Are There Risk Factors for Complications of Perforator-based Propeller Flaps for Lower-extremity Reconstruction?. <i>Clinical Orthopaedics and Related Research</i> , 2014, 472, 2276-2286.	0.7	72
57	Response to "The ulnar palmar perforator flap: Anatomical study and clinical application". <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2014, 67, 1452-1453.	0.5	1
58	Reconstruction of traumatic losses of substance at the elbow. <i>Injury</i> , 2014, 45, 437-443.	0.7	8
59	A Technical Note About Flap Fixation Technique to Prevent Salivary Fistulas in Reconstructive Oral Cavity Surgery. <i>Journal of Craniofacial Surgery</i> , 2014, 25, e280-e283.	0.3	3
60	Letter to the Editor: New Tendon Transfer for Correction of Drop-foot in Common Peroneal Nerve Palsy. <i>Clinical Orthopaedics and Related Research</i> , 2013, 471, 3382-3382.	0.7	2
61	The little finger ulnar palmar digital artery perforator flap: anatomical basis. <i>Surgical and Radiologic Anatomy</i> , 2013, 35, 737-740.	0.6	18
62	Secondary repair of flexor tendon injuries. <i>Injury</i> , 2013, 44, 340-345.	0.7	17
63	Functional and subjective results of 20 thumb replantations. <i>Injury</i> , 2013, 44, 504-507.	0.7	14
64	Tissue Engineering and Peripheral Nerve Reconstruction. <i>International Review of Neurobiology</i> , 2013, 108, 35-57.	0.9	20
65	Preface. <i>International Review of Neurobiology</i> , 2013, 109, xi-xii.	0.9	2
66	Preface. <i>International Review of Neurobiology</i> , 2013, 108, xiii-xiv.	0.9	0
67	Future Perspectives in Nerve Repair and Regeneration. <i>International Review of Neurobiology</i> , 2013, 109, 165-192.	0.9	40
68	Microsurgery Training for the Twenty-First Century. <i>Archives of Plastic Surgery</i> , 2013, 40, 302-303.	0.4	17
69	Towards a Global Understanding and Standardisation of Education and Training in Microsurgery. <i>Archives of Plastic Surgery</i> , 2013, 40, 304-311.	0.4	42
70	Surgical treatment of acute fingernail injuries. <i>Journal of Orthopaedics and Traumatology</i> , 2012, 13, 57-62.	1.0	38
71	Primary repair of crush nerve injuries by means of biological tubulization with muscle-vein combined grafts. <i>Microsurgery</i> , 2012, 32, 358-363.	0.6	59
72	Expression of antioxidant molecules after peripheral nerve injury and regeneration. <i>Journal of Neuroscience Research</i> , 2012, 90, 842-848.	1.3	33

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73	Emerging issues in peripheral nerve repair. <i>Neural Regeneration Research</i> , 2012, 7, 2267-72.	1.6	7
74	Perspectives in regeneration and tissue engineering of peripheral nerves. <i>Annals of Anatomy</i> , 2011, 193, 334-340.	1.0	60
75	Perforator-based propeller flaps treating loss of substance in the lower limb. <i>Journal of Orthopaedics and Traumatology</i> , 2011, 12, 93-99.	1.0	33
76	Spontaneous rupture of the flexor superficialis tendon of ring finger: a case report and review of literature. <i>Musculoskeletal Surgery</i> , 2011, 95, 245-246.	0.7	9
77	Microvascular reconstructions of traumatic combined tissue loss at foot and ankle level. <i>Microsurgery</i> , 2011, 31, 212-217.	0.6	21
78	Experimental and Clinical Employment of End-to-Side Coaptation: Our Experience. <i>Acta Neurochirurgica Supplementum</i> , 2011, 108, 241-245.	0.5	6
79	Standardized crush injury of the mouse median nerve. <i>Journal of Neuroscience Methods</i> , 2010, 188, 71-75.	1.3	29
80	Termino-lateral nerve suture in lesions of the digital nerves: clinical experience and literature review. <i>Journal of Hand Surgery: European Volume</i> , 2010, 35, 109-114.	0.5	22
81	Limits of reconstruction in mangled hands. <i>Chirurgie De La Main</i> , 2010, 29, 280-282.	0.7	4
82	End-to-side nerve suture in traumatic injuries of brachial plexus: review of the literature and personal case series. <i>Journal of Hand Surgery: European Volume</i> , 2009, 34, 656-659.	0.5	12
83	Dorsal metacarpal artery perforator-based propeller flap for complex defect of the dorsal aspect in the index finger. <i>Journal of Hand Surgery: European Volume</i> , 2009, 34, 807-809.	0.5	11
84	Denervation and reinnervation of adult skeletal muscle modulate mRNA expression of neuregulin and ErbB receptors. <i>Microsurgery</i> , 2009, 29, 464-472.	0.6	25
85	Melt-extruded guides for peripheral nerve regeneration. Part I: Poly(μ -caprolactone). <i>Biomedical Microdevices</i> , 2009, 11, 1037-1050.	1.4	34
86	Functional and morphological assessment of a standardized crush injury of the rat median nerve. <i>Journal of Neuroscience Methods</i> , 2009, 179, 51-57.	1.3	67
87	Chondrosarcoma in the distal phalanx of index finger: Clinical report and literature review. <i>Chirurgie De La Main</i> , 2009, 28, 265-269.	0.7	13
88	A simple sterile polypropylene fingernail substitute. <i>Chirurgie De La Main</i> , 2009, 28, 143-145.	0.7	7
89	Preface. <i>International Review of Neurobiology</i> , 2009, 87, xxi-xxii.	0.9	6
90	Chapter 3 Histology of the Peripheral Nerve and Changes Occurring During Nerve Regeneration. <i>International Review of Neurobiology</i> , 2009, 87, 27-46.	0.9	218

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91	Chapter 1 Peripheral Nerve Repair and Regeneration Research. International Review of Neurobiology, 2009, 87, 1-7.	0.9	60
92	Chapter 4 Methods and Protocols in Peripheral Nerve Regeneration Experimental Research: Part Iâ€”Experimental Models. International Review of Neurobiology, 2009, 87, 47-79.	0.9	73
93	Chapter 14 Endâ€”toâ€”Side Nerve Regeneration. International Review of Neurobiology, 2009, 87, 281-294.	0.9	20
94	Chapter 11 Tissue Engineering of Peripheral Nerves. International Review of Neurobiology, 2009, 87, 227-249.	0.9	73
95	Employment of the mouse median nerve model for the experimental assessment of peripheral nerve regeneration. Journal of Neuroscience Methods, 2008, 169, 119-127.	1.3	48
96	A simple protocol for paraffinâ€”embedded myelin sheath staining with osmium tetroxide for light microscope observation. Microscopy Research and Technique, 2008, 71, 497-502.	1.2	129
97	ErbB receptors modulation in different types of peripheral nerve regeneration. NeuroReport, 2008, 19, 1605-1609.	0.6	15
98	Selection of the donor nerve for end-to-side neurorrhaphy. Journal of Neurosurgery, 2007, 107, 378-382.	0.9	19
99	Lack of topographic specificity in nerve fiber regeneration of rat forelimb mixed nerves. Neuroscience, 2007, 144, 985-990.	1.1	24
100	Actualities in big segments replantation surgery. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2007, 60, 849-855.	0.5	38
101	Origin and history of end-to-side neurorrhaphy. Microsurgery, 2007, 27, 56-61.	0.6	27
102	Comparison of fresh and predegenerated muscle-vein-combined guides for the repair of rat median nerve. Microsurgery, 2007, 27, 48-55.	0.6	54
103	The European Microsurgical Research Association. Microsurgery, 2007, 27, 357-359.	0.6	0
104	Nerve regeneration along bioengineered scaffolds. Microsurgery, 2007, 27, 429-438.	0.6	33
105	Protection of the Median Nerve with the Pronator Quadratus and Palmaris Brevis Muscle Flaps. , 2007, , 327-332.		0
106	The ulnar test: A method for the quantitative functional assessment of posttraumatic ulnar nerve recovery in the rat. Journal of Neuroscience Methods, 2006, 154, 198-203.	1.3	32
107	End-to-side (terminolateral) nerve regeneration: A challenge for neuroscientists coming from an intriguing nerve repair concept. Brain Research Reviews, 2006, 52, 381-388.	9.1	68
108	Primary nerve repair in associated lesions of the axillary artery and brachial plexus. Microsurgery, 2006, 26, 311-315.	0.6	6

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109	Schwann cell behavior after nerve repair by means of tissue-engineered muscle-vein combined guides. <i>Journal of Comparative Neurology</i> , 2005, 489, 249-259.	0.9	70
110	Nerve repair by means of tubulization: Literature review and personal clinical experience comparing biological and synthetic conduits for sensory nerve repair. <i>Microsurgery</i> , 2005, 25, 258-267.	0.6	311
111	Bridging peripheral nerve defects with muscle-vein combined guides. <i>Neurological Research</i> , 2004, 26, 139-144.	0.6	62
112	Low-power laser biostimulation enhances nerve repair after end-to-side neurorrhaphy: a double-blind randomized study in the rat median nerve model. <i>Lasers in Medical Science</i> , 2004, 19, 57-65.	1.0	118
113	Use of muscle-vein-combined Y-chambers for repair of multiple nerve lesions: Experimental results. <i>Microsurgery</i> , 2004, 24, 459-464.	0.6	27
114	On the use of the grasping test in the rat median nerve model: a re-appraisal of its efficacy for quantitative assessment of motor function recovery. <i>Journal of Neuroscience Methods</i> , 2003, 127, 43-47.	1.3	85
115	Schwann-Cell Proliferation in Muscle-Vein Combined Conduits for Bridging Rat Sciatic Nerve Defects. <i>Journal of Reconstructive Microsurgery</i> , 2003, 19, 119-123.	1.0	54
116	Expression of β 2a-2b neuregulin-1 is associated with early peripheral nerve repair along muscle-enriched tubes. <i>NeuroReport</i> , 2003, 14, 1541-1545.	0.6	26
117	Neurotrophins and their receptors in early axonal regeneration along muscle-vein-combined grafts. <i>Microsurgery</i> , 2002, 22, 300-303.	0.6	31
118	Lower limb replantations: Indications and a new scoring system. <i>Microsurgery</i> , 2002, 22, 187-192.	0.6	54
119	Methodological issues in size estimation of myelinated nerve fibers in peripheral nerves. <i>Anatomy and Embryology</i> , 2001, 204, 1-10.	1.5	81
120	Confocal imaging of Schwann-cell migration along muscle-vein combined grafts used to bridge nerve defects in the rat. <i>Microsurgery</i> , 2001, 21, 153-155.	0.6	53
121	Nerve repair by means of vein filled with muscle grafts I. Clinical results. , 2000, 20, 32-36.		117
122	Nerve repair by means of vein filled with muscle grafts. II. Morphological analysis of regeneration. , 2000, 20, 37-41.		84
123	Tissue specificity in rat peripheral nerve regeneration through combined skeletal muscle and vein conduit grafts. , 2000, 20, 65-71.		45
124	Verification of the two-dimensional disector, a method for the unbiased estimation of density and number of myelinated nerve fibers in peripheral nerves. <i>Annals of Anatomy</i> , 2000, 182, 23-34.	1.0	100
125	Morphological analysis of peripheral nerve regenerated by means of vein grafts filled with fresh skeletal muscle. <i>Anatomy and Embryology</i> , 2000, 201, 475-482.	1.5	41
126	Sutureless Microvascular Anastomoses by a Biodegradable Laser-Activated Solid Protein Solder. <i>Plastic and Reconstructive Surgery</i> , 1999, 104, 1726-1731.	0.7	30

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127	A comparative analysis of arthrodesis vs. suspension arthroplasty in the treatment of CM arthritis of the thumb.. Journal of Hand Surgery, 1997, 22, 45-45.	0.9	4