Ulrich Kneser

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4024739/publications.pdf

Version: 2024-02-01

278	6,911	61984	91884
papers	citations	43 h-index	69 g-index

304	304	304	6795
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Perfusion of the proximal scaphoid pole: correlation between preoperative ge-MRI and intraoperative findings. Archives of Orthopaedic and Trauma Surgery, 2023, 143, 563-569.	2.4	1
2	The impact of closed incisional negative pressure therapy on anterior lateral thigh flap donor site healing and scarring: A retrospective case-control study. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2022, 75, 152-159.	1.0	7
3	Combined versus Single Perforator Propeller Flaps for Reconstruction of Large Soft Tissue Defects: A Retrospective Clinical Study. Journal of Personalized Medicine, 2022, 12, 41.	2.5	3
4	Racial disparities in short-term outcomes after breast reduction surgeryâ€“A National Surgical Quality Improvement Project Analysis with 23,268 patients using Propensity Score Matching. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2022, 75, 1849-1857.	1.0	8
5	Supermicrosurgical treatment for lymphedema: a systematic review and network meta-analysis protocol. Systematic Reviews, 2022, 11, 18.	5.3	5
6	The collagenase of the bacterium Clostridium histolyticum does not favor metastasis of breast cancer. Breast Cancer, 2022, 29, 599-609.	2.9	2
7	Enrichment of Nanofiber Hydrogel Composite with Fractionated Fat Promotes Regenerative Macrophage Polarization and Vascularization for Soft-Tissue Engineering. Plastic and Reconstructive Surgery, 2022, 149, 433e-444e.	1.4	4
8	The Free Myocutaneous Tensor Fasciae Latae Flapâ€”A Workhorse Flap for Sternal Defect Reconstruction: A Single-Center Experience. Journal of Personalized Medicine, 2022, 12, 427.	2.5	5
9	A Multidisciplinary Approach to Complex Dermal Sarcomas Ensures an Optimal Clinical Outcome. Cancers, 2022, 14, 1693.	3.7	3
10	Oncoplastic breast consortium recommendations for mastectomy and whole breast reconstruction in the setting of post-mastectomy radiation therapy. Breast, 2022, 63, 123-139.	2.2	22
11	Evaluation of <scp>MRâ€neurography</scp> in diagnosis and treatment in peripheral nerve surgery of the upper extremity: A matched cohort study. Microsurgery, 2022, 42, 160-169.	1.3	8
12	Short- and long term hyposmia, hypogeusia, dysphagia and dysphonia after facial burn injury â€“ A prospective matched cohort study. Burns, 2022, , .	1.9	1
13	The prognostic role of extended preoperative hypercoagulability work-up in high-risk microsurgical free flaps: a single-center retrospective case series of patients with heterozygotic factor V Leiden thrombophilia. BMC Surgery, 2022, 22, 190.	1.3	2
14	Inframammary Fold Banking of the Non-Dominant Superficial Epigastric Vein (SIEV) in Unilateral Autologous Breast Reconstruction: A Simple and Helpful Backup Option for Revision Surgery. Surgical Techniques Development, 2022, 11, 47-53.	0.1	0
15	Closing the Gap: Bridging Peripheral Sensory Nerve Defects with a Chitosan-Based Conduit a Randomized Prospective Clinical Trial. Journal of Personalized Medicine, 2022, 12, 900.	2.5	7
16	The Use of Closed Incision Negative Pressure Therapy on the Medial Thigh Donor Site in Transverse Musculocutaneous Gracilis Flap Breast Reconstruction. Journal of Clinical Medicine, 2022, 11, 2887.	2.4	1
17	Fractional ablative carbon dioxide laser treatment of facial scars: Improvement of patients' quality of life, scar quality, and cosmesis. Journal of Cosmetic Dermatology, 2021, 20, 2132-2140.	1.6	7
18	Use of venous couplers in microsurgical lower extremity reconstruction: A systematic review and metaâ€analysis. Microsurgery, 2021, 41, 50-60.	1.3	7

#	Article	IF	Citations
19	Influence of burn severity on endothelial glycocalyx shedding following thermal trauma: A prospective observational study. Burns, 2021, 47, 621-627.	1.9	8
20	The Treatment of Capsular Contracture Around Breast Implants Induced by Fractionated Irradiation: The Collagenase of the Bacterium Clostridium Histolyticum as a Novel Therapeutic Approach. Aesthetic Plastic Surgery, 2021, 45, 1273-1281.	0.9	8
21	The initial validation of a novel outcome measure in severe burns- the Persistent Organ Dysfunction +Death: Results from a multicenter evaluation. Burns, 2021, 47, 765-775.	1.9	1
22	A Structured, Microsurgical Training Curriculum Improves the Outcome in Lower Extremity Reconstruction Free Flap Residency Training: The Ludwigshafen Concept. Journal of Reconstructive Microsurgery, 2021, 37, 492-502.	1.8	6
23	Negative pressure wound therapy as an accelerator and stabilizer for incorporation of artificial dermal skin substitutes â€“ A retrospective, non-blinded, and non-randomized comparative study. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2021, 74, 357-363.	1.0	18
24	Combined (endo-)vascular intervention and microsurgical lower extremity free flap reconstructionâ€”A propensity score matching analysis in 5386 ACS-NSQIP patients. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2021, 74, 1031-1040.	1.0	9
25	Utilization of Interdisciplinary Tumor Boards for Sarcoma Care in Germany: Results from the PROSa Study. Oncology Research and Treatment, 2021, 44, 301-312.	1.2	13
26	Safety of a Modified Lipoabdominoplasty Technique for Donor-Site Closure in Abdominal-Based Free Flap Breast Reconstruction. Aesthetic Plastic Surgery, 2021, 45, 1431-1440.	0.9	2
27	Lymphatic Tissue Engineering: A Further Step for Successful Lymphedema Treatment. Journal of Reconstructive Microsurgery, 2021, 37, 465-474.	1.8	3
28	Vein Grafting in Microsurgical Lower Extremity Reconstruction: Outcome Analysis of Primary versus Secondary Salvage Procedures. Journal of Reconstructive Microsurgery, 2021, 37, 608-616.	1.8	4
29	Comparison of pedicled versus free flaps for reconstruction of extensive deep sternal wound defects following cardiac surgery: A retrospective study. Microsurgery, 2021, 41, 309-318.	1.3	5
30	Fibroadipose Vascular Anomaly of the Upper Extremity. Annals of Plastic Surgery, 2021, Publish Ahead of Print, e92-e96.	0.9	1
31	A Retrospective Comparative Functional and Aesthetic Outcome Study of Muscle versus Cutaneous Free Flaps for Distal Upper Extremity Reconstruction. Journal of Reconstructive Microsurgery, 2021, , .	1.8	2
32	The Impact of Finger Nerve Injury on the Outcome of Flexor Tendon Tenolysis. Annals of Plastic Surgery, 2021, Publish Ahead of Print, 514-517.	0.9	2
33	The transverse musculocutaneous gracilis flap for autologous breast reconstruction: focus on donor site morbidity. Breast Cancer, 2021, 28, 1273-1282.	2.9	10
34	Safety and donor site morbidity of the transverse musculocutaneous gracilis (TMG) flap in autologous breast reconstructionâ€”A systematic review and metaâ€anâ€alysis. Journal of Surgical Oncology, 2021, 124, 492-509.	1.7	16
35	A singleâ€center retrospective comparison of Duplex ultrasonography versus audible Doppler regarding anterolateral thigh perforator flap harvest and operative times. Microsurgery, 2021, , .	1.3	5
36	Implementation and Validation of Free Flaps in Acute and Reconstructive Burn Care. Medicina (Lithuania), 2021, 57, 718.	2.0	2

#	Article	IF	Citations
37	What We Really can Learn From Aviation: Checklist-based Team Time-Out in Conjunction With Interpersonal Competence Training for the Daily Management of a Surgical Department. Surgical Innovation, 2021, 28, 642-646.	0.9	2
38	Single incision thenar muscle reconstruction using the free functional pronator quadratus flap. BMC Surgery, 2021, 21, 310.	1.3	7
39	Expression of Connexin43 Stimulates Endothelial Angiogenesis Independently of Gap Junctional Communication In Vitro. International Journal of Molecular Sciences, 2021, 22, 7400.	4.1	12
40	Lymphovenous anastomoses with three-dimensional digital hybrid visualization: improving ergonomics for supermicrosurgery in lymphedema. Archives of Plastic Surgery, 2021, 48, 427-432.	0.9	5
41	Long-term sequelae of critical illness in sepsis, trauma and burns: A systematic review and meta-analysis. Journal of Trauma and Acute Care Surgery, 2021, 91, 736-747.	2.1	13
42	Intra- and Extrathoracic Malignant Tracheoesophageal Fistulaâ€"A Differentiated Reconstructive Algorithm. Cancers, 2021, 13, 4329.	3.7	6
43	A metaâ€analysis evaluating risk factors for compound free flaps for upper extremity defect reconstruction comparing complications and functional outcomes of compound free flaps with and without bone components. Microsurgery, 2021, 41, 688-696.	1.3	1
44	Thermo-mechanical combination injuries - A rare but life-threatening entity. Journal of Burn Care and Research, 2021, , .	0.4	0
45	The status quo of early burn wound excision: Insights from the German burn registry. Burns, 2021, 47, 1259-1264.	1.9	5
46	Revisionary soft tissue reconstruction of posterior midline defects after spinal surgeryâ€"plastic reconstructive options including perforator flaps. Journal of Spine Surgery, 2021, 7, 364-375.	1.2	1
47	Functional and aesthetic reconstruction of a dorsal digital skin defect with a sensory neurotized DMCA III flap. Case Reports in Plastic Surgery & Hand Surgery, 2021, 8, 102-104.	0.3	1
48	Enzymatic Debridement for Burn Wound Care: Interrater Reliability and Impact of Experience in Post-intervention Therapy Decision. Journal of Burn Care and Research, 2021, 42, 953-961.	0.4	11
49	Management of Acute and Traumatic Wounds With Negative-Pressure Wound Therapy With Instillation and Dwell Time. Plastic and Reconstructive Surgery, 2021, 147, 43S-53S.	1.4	12
50	Perforator-Based Flaps for Defect Reconstruction of the Posterior Trunk. Annals of Plastic Surgery, 2021, 86, 72-77.	0.9	6
51	Donor Site Morbidity in Unilateral and Bilateral Transverse Musculocutaneous Gracilis (TMG) Flap Breast Reconstruction: Sensation, Function, Aesthesis and Patient-Reported Outcomes. Journal of Clinical Medicine, 2021, 10, 5066.	2.4	3
52	Xenogeneic skin transplantation promotes angiogenesis and tissue regeneration through activated Trem2 ⁺ macrophages. Science Advances, 2021, 7, eabi4528.	10.3	26
53	Hepatic Functional Pathophysiology and Morphological Damage Following Severe Burns: A Systematic Review and Meta-analysis. Journal of Burn Care and Research, 2021, , .	0.4	1
54	Teaching Microsurgical Breast Reconstructionâ€"A Retrospective Cohort Study. Journal of Clinical Medicine, 2021, 10, 5875.	2.4	1

#	Article	IF	Citations
55	Donor site morbidity of vascularized bone grafts from the medial femoral condyle for osseous revascularization. Microsurgery, 2020, 40, 104-109.	1.3	3
56	Venous bypass grafts versus arteriovenous loops as recipient vessels for microvascular anastomosis in lower extremity reconstructions: A matchedâ€pair analysis. Microsurgery, 2020, 40, 12-18.	1.3	9
57	Geriatric Patients with Free Flap Reconstruction: A Comparative Clinical Analysis of 256 Cases. Journal of Reconstructive Microsurgery, 2020, 36, 127-135.	1.8	18
58	Tissue Engineering of Axially Vascularized Soft-Tissue Flaps with a Poly-(É›-Caprolactone) Nanofiber-Hydrogel Composite. Advances in Wound Care, 2020, 9, 365-377.	5.1	8
59	Low-profile locking-plate vs. the conventional AO system: early comparative results in wrist arthrodesis. Archives of Orthopaedic and Trauma Surgery, 2020, 140, 433-439.	2.4	13
60	Concepts in Early Reconstruction of the Burned Hand. Annals of Plastic Surgery, 2020, 84, 276-282.	0.9	6
61	Oneâ€stage double free flap arteriovenous loop reconstruction of a massive abdominothoracic defect following necrotizing fasciitis: A case report. Microsurgery, 2020, 40, 911-915.	1.3	1
62	Role, Management, and Outcome of Free Flap Reconstruction for Acute Full-Thickness Burns in Hands. Annals of Plastic Surgery, 2020, 85, 115-121.	0.9	6
63	International Multi-Center Analysis of In-hospital Morbidity and Mortality of Low-Voltage Electrical Injuries. Frontiers in Medicine, 2020, 7, 590758.	2.6	7
64	Influence of closed incisionnegativeâ€pressuretherapy on abdominaldonorâ€sitemorbidity in microsurgical breast reconstruction. Microsurgery, 2020, , .	1.3	12
65	Knowledge gaps in oncoplastic breast surgery. Lancet Oncology, The, 2020, 21, e375-e385.	10.7	34
66	Negative pressure wound therapy with instillation and dwell time (<scp>NPWTi</scp>â€d) with V. A. C. <scp>VeraFlo</scp> in traumatic, surgical, and chronic woundsâ€”A helpful tool for decontamination and to prepare successful reconstruction. International Wound Journal, 2020, 17, 1740-1749.	2.9	9
67	A Systematic Review of Learning Curves in Plastic and Reconstructive Surgery Procedures. Annals of Plastic Surgery, 2020, 85, 324-331.	0.9	9
68	Microsurgical reconstruction of extensive lower extremity defects with the conjoined parascapular and latissimus dorsi free flap. Microsurgery, 2020, 40, 639-648.	1.3	13
69	Digital avulsion injuries: epidemiology and factors influencing finger preservation. Archives of Orthopaedic and Trauma Surgery, 2020, 140, 1575-1583.	2.4	4
70	The Impact of Indocyanine-Green Fluorescence Angiography on Intraoperative Decision-Making and Postoperative Outcome in Free Flap Surgery. Journal of Reconstructive Microsurgery, 2020, 36, 556-566.	1.8	22
71	780 A Systematic Review and Meta-analysis of 30-day Readmission Rates Following Burns. Journal of Burn Care and Research, 2020, 41, S224-S224.	0.4	0
72	A comparative study of preoperative <scp>colorâ€coded</scp> Duplex ultrasonography versus handheld audible Dopplers in <scp>ALT</scp> flap planning. Microsurgery, 2020, 40, 561-567.	1.3	13

#	Article	IF	Citations
73	Comparative outcome analysis of internal screw fixation and Kirschner wire fixation in the treatment of scaphoid nonunion. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2020, 73, 1675-1682.	1.0	10
74	Radial collateral ligament repair of the thumb: long-term outcomes and predictive factors of postoperative deficits. Archives of Orthopaedic and Trauma Surgery, 2020, 140, 1293-1299.	2.4	1
75	Safety, Pharmacodynamics, and Efficacy of High- Versus Low-Dose Ascorbic Acid in Severely Burned Adults. Journal of Burn Care and Research, 2020, 41, 871-877.	0.4	11
76	Evidence and Trends in Burn Wound Debridement: An Evidence Map. Plastic Surgery, 2020, 28, 232-242.	1.0	9
77	Mechanical ventilation as a surrogate for diagnosing the onset of abdominal compartment syndrome (ACS) in severely burned patients (TIRIFIC-study Part II). Burns, 2020, 46, 1320-1327.	1.9	2
78	Chimeric thoracodorsal lymph node flap with a perforatorâ€based fasciocutaneous skin island for treatment of lower extremity lymphedema: A case report. Microsurgery, 2020, 40, 792-796.	1.3	1
79	Eschar removal by bromelain based enzymatic debridement (NexobridÂ®) in burns: European consensus guidelines update. Burns, 2020, 46, 782-796.	1.9	84
80	Vascularized Medial Femoral Condyle Autografts for Osteochondral Lesions of the Talus: A Preliminary Prospective Randomized Controlled Trial. Journal of Foot and Ankle Surgery, 2020, 59, 307-313.	1.0	7
81	Acute and long-term costs of 268 peripheral nerve injuries in the upper extremity. PLoS ONE, 2020, 15, e0229530.	2.5	68
82	Irradiation Delays Tissue Growth but Enhances Osteogenic Differentiation in Vascularized Constructs. Journal of Reconstructive Microsurgery, 2019, 35, 046-056.	1.8	2
83	Impact of diagnostic bronchoscopy in burned adults with suspected inhalation injury. Burns, 2019, 45, 1275-1282.	1.9	12
84	Early hypothermia as risk factor in severely burned patients: A retrospective outcome study. Burns, 2019, 45, 1895-1900.	1.9	22
85	Feasibility and safety of enzymatic debridement for the prevention of operative escharotomy in circumferential deep burns of the distal upper extremity. Surgery, 2019, 165, 1100-1105.	1.9	26
86	Soft tissue free flap for reconstruction of upper extremities: A metaâ€analysis on outcome and safety. Microsurgery, 2019, 39, 463-475.	1.3	34
87	Continuous Video-Rate Laser Speckle Imaging for Intra- and Postoperative Cutaneous Perfusion Imaging of Free Flaps. Journal of Reconstructive Microsurgery, 2019, 35, 489-498.	1.8	9
88	Fluid Management as a Risk Factor for Intra-abdominal Compartment Syndrome in Burn Patients: A Total Body Surface Areaâ€"Independent Multicenter Trial Part I. Journal of Burn Care and Research, 2019, 40, 500-506.	0.4	11
89	Comparison of Fasciocutaneous and Muscle-based Free Flaps for Soft Tissue Reconstruction of the Upper Extremity. Plastic and Reconstructive Surgery - Global Open, 2019, 7, e2543.	0.6	12
90	Lessons Learned From Breast Implant Registries. Annals of Plastic Surgery, 2019, 83, 722-725.	0.9	4

#	Article	IF	Citations
91	One-Stage versus Two-Stage Arteriovenous Loop Reconstructions: An Experience on 103 Cases from a Single Center. Plastic and Reconstructive Surgery, 2019, 143, 912-924.	1.4	40
92	Evaluation of an International Classification of Functioning, Disability and Health-based rehabilitation for thermal burn injuries: a prospective non-randomized design. Trials, 2019, 20, 752.	1.6	3
93	The Collagenase of the Bacterium Clostridium histolyticum in the Treatment of Irradiation-Induced Capsular Contracture. Aesthetic Plastic Surgery, 2019, 43, 836-844.	0.9	10
94	MicroRNA-regulated pathways of flow-stimulated angiogenesis and vascular remodeling in vivo. Journal of Translational Medicine, 2019, 17, 22.	4.4	29
95	Long-Term Outcome after Successful Lower Extremity Free Flap Salvage. Journal of Reconstructive Microsurgery, 2019, 35, 263-269.	1.8	41
96	Sliding free transverse rectus abdominis myocutaneous flap for closure of a massive abdominal wall defect: A case report. Microsurgery, 2019, 39, 174-177.	1.3	2
97	Free tissue transfer with the free rectus abdominis flap in high-risk patients above 65 years: A retrospective cohort study. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2019, 72, 555-564.	1.0	7
98	RE: Large-defect Resurfacing: A Comparison of Skin Graft Results Following Sarcoma Resection and Traumatic Injury Repair. Wounds, 2019, 31, 297.	0.5	0
99	Efficacy of a Gel Containing Polihexanide and Betaine in Deep Partial and Full Thickness Burns Requiring Split-thickness Skin Grafts: A Noncomparative Clinical Study. Journal of Burn Care and Research, 2018, 39, 685-693.	0.4	6
100	Ultrasound and shock-wave stimulation to promote axonal regeneration following nerve surgery: a systematic review and meta-analysis of preclinical studies. Scientific Reports, 2018, 8, 3168.	3.3	33
101	Skin Burn Associated With Photochemotherapy. Annals of Plastic Surgery, 2018, 80, 344-346.	0.9	1
102	Autologous Breast Reconstruction Using a Tensor Fascia Lata/Anterior Lateral Thighâ€“Freestyle Flap After Extensive Electric Burn. Annals of Plastic Surgery, 2018, 80, 503-506.	0.9	8
103	Opinions on Authorship. Annals of Plastic Surgery, 2018, 80, 660-663.	0.9	6
104	Axially vascularized tissueâ€engineered bone constructs retain their in vivo angiogenic and osteogenic capacity after highâ€dose irradiation. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, e657-e668.	2.7	14
105	Haemodynamically stimulated and in vivo generated axially vascularized softâ€tissue free flaps for closure of complex defects: Evaluation in a small animal model. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 622-632.	2.7	13
106	Pedicled Transplantation of Axially Vascularized Bone Constructs in a Critical Size Femoral Defect. Tissue Engineering - Part A, 2018, 24, 479-492.	3.1	23
107	Evaluation of 389 patients following freeâ€flap lower extremity reconstruction with respect to secondary refinement procedures. Microsurgery, 2018, 38, 242-250.	1.3	15
108	The combination of mitomycin-induced blood cells with a temporary treatment of ciclosporin A prolongs allograft survival in vascularized composite allotransplantation. Langenbeck's Archives of Surgery, 2018, 403, 83-92.	1.9	7

#	Article	IF	Citations
109	Pattern of Bone Generation after Irradiation in Vascularized Tissue Engineered Constructs. Journal of Reconstructive Microsurgery, 2018, 34, 130-137.	1.8	9
110	Therapeutic options and postoperative wound complications after extremity soft tissue sarcoma resection and postoperative external beam radiotherapy. International Wound Journal, 2018, 15, 148-158.	2.9	24
111	The anterolateral thigh flap with kiss technique for microsurgical reconstruction of oncological scalp defects. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2018, 71, 273-276.	1.0	6
112	Comparison of subâ€versus suprafascially raised anterolateral thigh free flaps with regard to donorâ€site morbidity, function and aesthetics. Microsurgery, 2018, 38, 444-449.	1.3	20
113	Micro-RNAâ€"Regulated Proangiogenic Signaling in Arteriovenous Loops in Patients with Combined Vascular and Soft-Tissue Reconstructions: Revisiting the Nutrient Flap Concept. Plastic and Reconstructive Surgery, 2018, 142, 489e-502e.	1.4	10
114	Clinically Available Low Intensity Ultrasound Devices do not Promote Axonal Regeneration After Peripheral Nerve Surgeryâ€"A Preclinical Investigation of an FDA-Approved Device. Frontiers in Neurology, 2018, 9, 1057.	2.4	13
115	Functional outcomes and complications of open elbow dislocations. Obere Extremitat, 2018, 13, 204-210.	0.7	7
116	The conjoined parascapular and latissimus dorsi free flap for reconstruction of extensive knee defects. Microsurgery, 2018, 38, 867-875.	1.3	14
117	Enhancing the Outcome of Traumatic Sensory Nerve Lesions of the Hand by Additional Use of a Chitosan Nerve Tube in Primary Nerve Repair: A Randomized Controlled Bicentric Trial. Plastic and Reconstructive Surgery, 2018, 142, 415-424.	1.4	53
118	Evaluation of perfusion by nearâ€infrared fluorescence imaging in late pedicle obstruction of a parascapular flap to the lower extremity: A case report. Microsurgery, 2018, 38, 912-916.	1.3	5
119	The Chimeric Versatility of the Subscapular System Revisited: Backup Options, Coverage for Bone Transplants and Vascularized Lymph Nodes. Plastic and Reconstructive Surgery - Global Open, 2018, 6, e1765.	0.6	6
120	State of the art in enzymatic debridement. Plastic and Aesthetic Research, 2018, 5, 33.	0.4	5
121	Promoting axonal regeneration following nerve surgery: a perspective on ultrasound treatment for nerve injuries. Neural Regeneration Research, 2018, 13, 1530.	3.0	10
122	When free flaps are not the first choice: is the distally based peroneus brevis still an option for foot and ankle reconstruction in the era of microsurgery?. Plastic and Aesthetic Research, 2018, 5, 26.	0.4	0
123	Surgical Revascularizationâ€"An Innovative Approach to the Treatment of Talar Osteonecrosis Dissecans Stages II and III. Journal of Foot and Ankle Surgery, 2017, 56, 176-181.	1.0	10
124	The impact of various scaffold components on vascularized bone constructs. Journal of Cranio-Maxillo-Facial Surgery, 2017, 45, 881-890.	1.7	6
125	Vascularized versus non-vascularized bone grafts in the treatment of scaphoid non-union. Journal of Orthopaedic Surgery, 2017, 25, 230949901668429.	1.0	15
126	Ageâ€dependent alterations in osteoblast and osteoclast activity in human cancellous bone. Journal of Cellular and Molecular Medicine, 2017, 21, 2773-2781.	3.6	46

#	Article	IF	Citations
127	Oxidized Alginate-Gelatin Hydrogel: A Favorable Matrix for Growth and Osteogenic Differentiation of Adipose-Derived Stem Cells in 3D. ACS Biomaterials Science and Engineering, 2017, 3, 1730-1737.	5.2	62
128	Validation of the Ludwigshafen German Version of the Burn Specific Health Scale-Brief. Journal of Burn Care and Research, 2017, 39, 1.	0.4	1
129	Long-term results of organ procurement from burn victims. Burns, 2017, 43, 1163-1167.	1.9	4
130	Collagen-Elastin and Collagen-Glycosaminoglycan Scaffolds Promote Distinct Patterns of Matrix Maturation and Axial Vascularization in Arteriovenous Loopâ€“Based Soft Tissue Flaps. Annals of Plastic Surgery, 2017, 79, 92-100.	0.9	27
131	Safety and Suitability of Finger Replantations as a Residency Training Procedure. Annals of Plastic Surgery, 2017, 78, 431-435.	0.9	7
132	Long-Term Effects of the Collagenase of the Bacterium Clostridium histolyticum for the Treatment of Capsular Fibrosis After Silicone Implants. Aesthetic Plastic Surgery, 2017, 41, 211-220.	0.9	15
133	Eschar removal by bromelain based enzymatic debridement (Nexobrid Â®) in burns: An European consensus. Burns, 2017, 43, 1640-1653.	1.9	102
134	Regenerating bone with bioactive glass scaffolds: A review of in vivo studies in bone defect models. Acta Biomaterialia, 2017, 62, 1-28.	8.3	432
135	Diagnostic power of diffusion-weighted magnetic resonance imaging for the presence of lymph node metastasis: A meta-analysis. Journal of Huazhong University of Science and Technology [Medical Sciences], 2017, 37, 469-474.	1.0	1
136	Sequential chimeric medial femoral condyle and anterolateral thigh flowâ€through flaps for oneâ€stage reconstructions of composite bone and soft tissue defects: Report of three cases. Microsurgery, 2017, 37, 824-830.	1.3	14
137	In view of standardization Part 2: Management of challenges in the initial treatment of burn patients in Burn Centers in Germany, Austria and Switzerland. Burns, 2017, 43, 318-325.	1.9	14
138	Severe Fournierâ€™s gangreneâ€”a conjoint challenge of gynaecology and plastic surgery. Journal of Surgical Case Reports, 2017, 2017, rjx239.	0.4	3
139	Reconstruction of Extended Bone Defects Using Massive Allografts Combined with Surgical Angiogenesis. JBJS Case Connector, 2017, 7, e10.	0.3	4
140	Vascularised and Modified Lower-Leg Rotationplasty for the Treatment of Severe Infection and Bone Loss of the Proximal Femur: A Case Report. HIP International, 2017, 27, e11-e13.	1.7	0
141	Flow Induced Microvascular Network Formation of Therapeutic Relevant Arteriovenous (AV) Loop-Based Constructs in Response to Ionizing Radiation. Medical Science Monitor, 2017, 23, 834-842.	1.1	7
142	Pyoderma gangrenosum following complex reconstruction of a large-scale lower limb defect by combined Parascapular and latissimus dorsi flap. Journal of Surgical Case Reports, 2017, 2017, rjw241.	0.4	1
143	Low-energy extracorporeal shockwave therapy (ESWT) improves metaphyseal fracture healing in an osteoporotic rat model. PLoS ONE, 2017, 12, e0189356.	2.5	9
144	Adipose- and bone marrow-derived mesenchymal stem cells display different osteogenic differentiation patterns in 3D bioactive glass-based scaffolds. Journal of Tissue Engineering and Regenerative Medicine, 2016, 10, E497-E509.	2.7	40

#	Article	IF	Citations
145	Free flaps for reconstruction of soft tissue defects in lower extremity: A metaâ€analysis on microsurgical outcome and safety. Microsurgery, 2016, 36, 511-524.	1.3	113
146	Local administration of Mitomycinâ€Câ€Treated peripheral blood mononuclear cells (<scp>PBMC</scp><scp>s</scp>) prolongs allograft survival in vascularized composite allotransplantation. Microsurgery, 2016, 36, 417-425.	1.3	5
147	Flow-Induced Axial Vascularization: The Arteriovenous Loop in Angiogenesis and Tissue Engineering. Plastic and Reconstructive Surgery, 2016, 138, 825-835.	1.4	29
148	Microsurgical reconstruction for postâ€"traumatic defects of lower leg in the elderly: A comparative study. Injury, 2016, 47, 2558-2564.	1.7	21
149	Do Contralateral Prophylactic Mastectomies Help Patients?. Journal of Clinical Oncology, 2016, 34, 4191-4191.	1.6	1
150	Suprathel Â® for severe burns in the elderly: Case report and review of the literature. Burns, 2016, 42, e86-e92.	1.9	16
151	Influence of postoperative vasoactive agent administration on free flap outcomes. European Journal of Plastic Surgery, 2016, 39, 421-428.	0.6	3
152	Influences of Macrohemodynamic Conditions on Systemic Microhemodynamic Changes in Burns. Annals of Plastic Surgery, 2016, 77, 523-528.	0.9	1
153	Chitosan nerve tube for primary repair of traumatic sensory nerve lesions of the hand without a gap: study protocol for a randomized controlled trial. Trials, 2016, 17, 48.	1.6	22
154	The free fasciocutaneous infragluteal (FCI) flap: Outcome and patient satisfaction after 142 breast reconstructions. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2016, 69, 461-469.	1.0	15
155	Domestic bioethanol-fireplacesâ€"a new source of severe burn accidents. Burns, 2016, 42, 209-214.	1.9	8
156	In-Flap Anastomosis as Back-Up Option for Anterolateral Thigh Flaps Lacking Suitable Perforators. Plastic and Reconstructive Surgery, 2016, 137, 250e-251e.	1.4	1
157	Four-corner fusion: comparison of patient satisfaction and functional outcome of conventional K-wire technique vs. a new locking plate. Archives of Orthopaedic and Trauma Surgery, 2016, 136, 571-578.	2.4	20
158	Microvascular free flaps are a safe and suitable training procedure during structured plastic surgery residency: AÂcomparative cohort study with 391 patients. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2016, 69, 715-721.	1.0	28
159	Novel use of a flowable collagenâ€"glycosaminoglycan matrix (Integraâ„¢ Flowable Wound Matrix) combined with percutaneous cannula scar tissue release in treatment of post-burn malfunction of the handâ€"A preliminary 6 month follow-up. Burns, 2016, 42, e1-e7.	1.9	11
160	Indocyanine Green Fluorescence for Free-Flap Perfusion Imaging Revisited. Surgical Innovation, 2016, 23, 249-260.	0.9	42
161	Efficacy and Safety of the Collagenase of the Bacterium Clostridium Histolyticum for the Treatment of Capsular Contracture after Silicone Implants: Ex-Vivo Study on Human Tissue. PLoS ONE, 2016, 11, e0156428.	2.5	11
162	Influence of Cdp-Choline Administration on Early Burn Edema in Rats. Annals of Plastic Surgery, 2015, 75, 388-392.	0.9	3

#	Article	IF	Citations
163	The Collagenase of the Bacterium Clostridium histolyticum for the Treatment of Capsular Fibrosis after Silicone Implants. Plastic and Reconstructive Surgery, 2015, 136, 981-989.	1.4	15
164	Is there a Rationale for Autologous Breast Reconstruction in Older Patients? A Retrospective Single Center Analysis of Quality of life, Complications and Comorbidities after DIEP or ms-TRAM Flap Using the BREAST-Q. Breast Journal, 2015, 21, 588-595.	1.0	31
165	Management of chronic osteomyelitis of the tibia with lifeâ€threatening complications under negative pressure wound therapy and isolation of Helcococcus kunzii. International Wound Journal, 2015, 12, 443-446.	2.9	12
166	Flow Increase Is Decisive to Initiate Angiogenesis in Veins Exposed to Altered Hemodynamics. PLoS ONE, 2015, 10, e0117407.	2.5	31
167	Silicone Implants with Smooth Surfaces Induce Thinner but Denser Fibrotic Capsules Compared to Those with Textured Surfaces in a Rodent Model. PLoS ONE, 2015, 10, e0132131.	2.5	26
168	A comparative study on autologous bone grafting combined with or without posterior interosseous nerve neurectomy for scaphoid nonunion treatment. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2015, 68, 1138-1144.	1.0	5
169	Human scaphoid nonâ€unions exhibit increased osteoclast activity compared to adjacent cancellous bone. Journal of Cellular and Molecular Medicine, 2015, 19, 2842-2850.	3.6	12
170	Comparison of the Ramirez technique for the closure of large open myelomeningocele defects with alternative methods. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2015, 68, 1675-1682.	1.0	2
171	In view of standardization: Comparison and analysis of initial management of severely burned patients in Germany, Austria and Switzerland. Burns, 2015, 41, 33-38.	1.9	10
172	Combination of BMP2 and MSCs Significantly Increases Bone Formation in the Rat Arterio-Venous Loop Model. Tissue Engineering - Part A, 2015, 21, 96-105.	3.1	46
173	The vascularized periosteum flap as novel tissue engineering model for repair of cartilage defects. Journal of Cellular and Molecular Medicine, 2015, 19, 1273-1283.	3.6	9
174	Zinc-containing bioactive glasses for bone regeneration, dental and orthopedic applications. Biomedical Glasses, 2015, 1, .	2.4	43
175	From 3D to 4D: Integration of temporal information into CT angiography studies. European Journal of Radiology, 2015, 84, 2421-2424.	2.6	15
176	Application of VEGFA and FGF-9 Enhances Angiogenesis, Osteogenesis and Bone Remodeling in Type 2 Diabetic Long Bone Regeneration. PLoS ONE, 2015, 10, e0118823.	2.5	69
177	Different Procedures Should Be on Offer. Deutsches Ärzteblatt International, 2015, 112, 175.	0.9	0
178	Characteristics of Bone Turnover in the Long Bone Metaphysis Fractured Patients with Normal or Low Bone Mineral Density (BMD). PLoS ONE, 2014, 9, e96058.	2.5	16
179	Autologous serum improves bone formation in a primary stable silica-embedded nanohydroxyapatite bone substitute in combination with mesenchymal stem cells and rhBMP-2 in the sheep model. International Journal of Nanomedicine, 2014, 9, 5317.	6.7	11
180	PHDs inhibitor DMOG promotes the vascularization process in the AV loop by HIF-1a up-regulation and the preliminary discussion on its kinetics in rat. BMC Biotechnology, 2014, 14, 112.	3.3	53

#	Article	IF	Citations
181	In vitro and in vivo Biocompatibility of Alginate Dialdehyde/Gelatin Hydrogels with and without Nanoscaled Bioactive Glass for Bone Tissue Engineering Applications. Materials, 2014, 7, 1957-1974.	2.9	107
182	Necrotizing Fasciitis after Central Venous Catheter Placement. Surgical Infections, 2014, 15, 850-852.	1.4	1
183	Successful human longâ€term application of in situ bone tissue engineering. Journal of Cellular and Molecular Medicine, 2014, 18, 1478-1485.	3.6	118
184	Vascularization of the Dorsal Base of the Second Metacarpal Bone. Plastic and Reconstructive Surgery, 2014, 134, 72e-80e.	1.4	7
185	Real-Time Lymphography by Indocyanine Green Fluorescence. Annals of Plastic Surgery, 2014, 73, 701-705.	0.9	8
186	Enhancing mandibular bone regeneration and perfusion via axial vascularization of scaffolds. Clinical Oral Investigations, 2014, 18, 1671-1678.	3.0	48
187	Zonal perfusion patterns in pedicled free-style perforator flaps. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2014, 67, e9-e17.	1.0	34
188	The 1,2-Intercompartmental Supraretinacular Artery Vascularized Bone Graft for Scaphoid Nonunion: Management and Clinical Outcome. Journal of Hand Surgery, 2014, 39, 423-429.	1.6	45
189	Free and Pedicled Flaps for Reconstruction of the Weightbearing Sole ofÂthe Foot: A Comparative Analysis of Functional Results. Journal of Foot and Ankle Surgery, 2014, 53, 727-734.	1.0	19
190	Indications for the microvascular medial femoral condylar flap in craniomaxillofacial surgery. British Journal of Oral and Maxillofacial Surgery, 2014, 52, 569-571.	0.8	9
191	Bioactive Copper-Doped Glass Scaffolds Can Stimulate Endothelial Cells in Co-Culture in Combination with Mesenchymal Stem Cells. PLoS ONE, 2014, 9, e113319.	2.5	87
192	Engineering axially vascularized bone in the sheep arteriovenous-loop model. Journal of Tissue Engineering and Regenerative Medicine, 2013, 7, 654-664.	2.7	64
193	Bilateral pre-expanded free TFL flaps for reconstruction of severe thoracic scar contractures in an 8-year-old girl. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2013, 66, 1766-1769.	1.0	4
194	Cinanserin reduces plasma extravasation after burn plasma transfer in rats. Burns, 2013, 39, 1226-1233.	1.9	7
195	Nanotechnologies in tissue engineering. Nanotechnology Reviews, 2013, 2, 411-425.	5.8	7
196	Comparison of Donor-Site Morbidity and Satisfaction between Anterolateral Thigh and Parascapular Free Flaps in the Same Patient. Journal of Reconstructive Microsurgery, 2013, 29, 537-544.	1.8	27
197	The Transpelvic Vertical Rectus Abdominis Flap. Annals of Surgery, 2013, 257, e16.	4.2	6
198	High Flow Conditions Increase Connexin43 Expression in a Rat Arteriovenous and Angioinductive Loop Model. PLoS ONE, 2013, 8, e78782.	2.5	19

#	Article	IF	Citations
199	Evaluation of Intra-Operative Abdominal Wall Perfusion in Post-Bariatric Abdominal Dermolipectomy. Obesity Facts, 2012, 5, 651-659.	3.4	10
200	Composition of fibrin glues significantly influences axial vascularization and degradation in isolation chamber model. Blood Coagulation and Fibrinolysis, 2012, 23, 419-427.	1.0	17
201	Combination of Extrinsic and Intrinsic Pathways Significantly Accelerates Axial Vascularization of Bioartificial Tissues. Plastic and Reconstructive Surgery, 2012, 129, 55e-65e.	1.4	49
202	Immunohistochemical Evaluation after Ex Vivo Perfusion of Rectus Abdominis Muscle Flaps in a Porcine Model. Plastic and Reconstructive Surgery, 2012, 130, 265e-273e.	1.4	14
203	Perforator-Based Monitoring Skin Islands in Free Muscle Flaps. Plastic and Reconstructive Surgery, 2012, 129, 586e-587e.	1.4	16
204	Four-flap compound repair of thoracic hernia after sternum osteomyelitis and omentum flap. Journal of Thoracic and Cardiovascular Surgery, 2012, 144, e117-e119.	0.8	7
205	Development of a pre-vascularized 3D scaffold-hydrogel composite graft using an arterio-venous loop for tissue engineering applications. Journal of Biomaterials Applications, 2012, 27, 277-289.	2.4	37
206	Osteoinduction and survival of osteoblasts and boneâ€marrow stromal cells in 3<scp>D</scp> biphasic calcium phosphate scaffolds under static and dynamic culture conditions. Journal of Cellular and Molecular Medicine, 2012, 16, 2350-2361.	3.6	84
207	Scaffolds for vascularized bone regeneration: advances and challenges. Expert Review of Medical Devices, 2012, 9, 457-460.	2.8	19
208	Threeâ€dimensional vascularization of electrospun PCL/collagenâ€blend nanofibrous scaffolds in vivo. Journal of Biomedical Materials Research - Part A, 2012, 100A, 2302-2311.	4.0	26
209	Tissue engineering and regenerative medicine â€“where do we stand?. Journal of Cellular and Molecular Medicine, 2012, 16, 1157-1165.	3.6	59
210	Free vascularized metacarpal bone graft combined with extended dorsal metacarpal artery flap for phalangeal bone and soft tissue loss: case report. Archives of Orthopaedic and Trauma Surgery, 2012, 132, 137-140.	2.4	15
211	Myogenic differentiation of mesenchymal stem cells co-cultured with primary myoblasts. Cell Biology International, 2011, 35, 397-406.	3.0	74
212	Comparison between distally based peroneus brevis and sural flaps for reconstruction of foot, ankle and distal lower leg: An analysis of donor-site morbidity and clinical outcome. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2011, 64, 656-662.	1.0	44
213	Expression of HIF-1Î± in Ischemia and Reperfusion in Human Microsurgical Free Muscle Tissue Transfer. Plastic and Reconstructive Surgery, 2011, 127, 2293-2300.	1.4	18
214	Gene expression analysis of ischaemia and reperfusion in human microsurgical free muscle tissue transfer. Journal of Cellular and Molecular Medicine, 2011, 15, 983-993.	3.6	20
215	Directly autoâ€transplanted mesenchymal stem cells induce bone formation in a ceramic bone substitute in an ectopic sheep model. Journal of Cellular and Molecular Medicine, 2011, 15, 1364-1378.	3.6	52
216	Role of guanylate binding protein-1 in vascular defects associated with chronic inflammatory diseases. Journal of Cellular and Molecular Medicine, 2011, 15, 1582-1592.	3.6	26

#	Article	IF	Citations
217	Endothelial progenitor cells are integrated in newly formed capillaries and alter adjacent fibrovascular tissue after subcutaneous implantation in a fibrin matrix. Journal of Cellular and Molecular Medicine, 2011, 15, 2452-2461.	3.6	41
218	Hyaluronan-based heparin-incorporated hydrogels for generation of axially vascularized bioartificial bone tissues: inÂvitro and inÂvivo evaluation in a PLDLLAâ€“TCPâ€“PCL-composite system. Journal of Materials Science: Materials in Medicine, 2011, 22, 1279-1291.	3.6	37
219	Subjective outcome, neurophysiological investigations, postoperative complications and recurrence rate of partial medial epicondylectomy in cubital tunnel syndrome. Archives of Orthopaedic and Trauma Surgery, 2011, 131, 1027-1033.	2.4	25
220	Extracorporeal perfusion of free muscle flaps in a porcine model using a miniaturized perfusion system. Archives of Orthopaedic and Trauma Surgery, 2011, 131, 849-855.	2.4	25
221	Wide Topical Negative Pressure Wound Dressing Treatment for Patients Undergoing Abdominal Dermolipectomy Following Massive Weight Loss. Obesity Surgery, 2011, 21, 1781-1786.	2.1	32
222	In vitro evaluation of 45S5 BioglassÂ®â€derived glassâ€ceramic scaffolds coated with carbon nanotubes. Journal of Biomedical Materials Research - Part A, 2011, 99A, 435-444.	4.0	40
223	Tc-99m Sestamibi SPECT/CT as a New Tool for Monitoring Perfusion and Viability of Buried Perforator Based Free Flaps in Breast Reconstruction After Breast Cancer. Clinical Nuclear Medicine, 2010, 35, 36-37.	1.3	5
224	Reconstruction of a childâ€™s forefoot defect using a distally based pedicled medial plantar flap. Archives of Orthopaedic and Trauma Surgery, 2010, 130, 155-158.	2.4	6
225	Objective outcome of partial medial epicondylectomy in cubital tunnel syndrome. Archives of Orthopaedic and Trauma Surgery, 2010, 130, 1549-1556.	2.4	20
226	Engineering skeletal muscle tissue â€“ new perspectives in vitro and in vivo. Journal of Cellular and Molecular Medicine, 2010, 14, 2622-2629.	3.6	79
227	Axial vascularization of a large volume calcium phosphate ceramic bone substitute in the sheep AV loop model. Journal of Tissue Engineering and Regenerative Medicine, 2010, 4, 216-223.	2.7	76
228	Scars and perforator-based flaps in the abdominal region: a contraindication?. Canadian Journal of Surgery, 2010, 53, 137-42.	1.2	21
229	Development of a surgical algorithm and optimized management of complications - based on a review of 706 abdominal free flaps for breast reconstruction. Medical Science Monitor, 2010, 16, CR518-22.	1.1	9
230	Dose-Finding Study of Fibrin Gel-Immobilized Vascular Endothelial Growth Factor 165 and Basic Fibroblast Growth Factor in the Arteriovenous Loop Rat Model. Tissue Engineering - Part A, 2009, 15, 2501-2511.	3.1	56
231	Solving Acne Inversa (Hidradenitis Suppurativa) in Crohn Disease with Buried Chip Skin Grafts. Journal of Cutaneous Medicine and Surgery, 2009, 13, 164-168.	1.2	9
232	T17b murine embryonal endothelial progenitor cells can be induced towards both proliferation and differentiation in a fibrin matrix. Journal of Cellular and Molecular Medicine, 2009, 13, 926-935.	3.6	29
233	Translating tissue engineering technology platforms into cancer research. Journal of Cellular and Molecular Medicine, 2009, 13, 1417-1427.	3.6	122
234	Aesthetic and functional correction of female, asymmetric funnel chest â€“ A combined approach. Breast, 2009, 18, 60-65.	2.2	19

#	Article	IF	Citations
235	Development of hepatic tissue engineering. Pediatric Surgery International, 2009, 25, 667-673.	1.4	29
236	Biomechanical and functional analysis of the pins and rubbers tractions system for treatment of proximal interphalangeal joint fracture dislocations. Archives of Orthopaedic and Trauma Surgery, 2009, 129, 29-37.	2.4	17
237	Phlegmonous-infection in first degree Dupuytrenâ€™s disease. Archives of Orthopaedic and Trauma Surgery, 2009, 129, 445-448.	2.4	6
238	Foreign body reaction after usage of tissue adhesives for skin closure: a case report and review of the literature. Archives of Orthopaedic and Trauma Surgery, 2009, 129, 167-169.	2.4	45
239	Pseudotumors after Primary Abdominal Lipectomy as a New Sequela in Patients with Abdominal Apron. Obesity Surgery, 2009, 19, 1599-1604.	2.1	17
240	Tensiometry as a Decision Tool for Abdominal Wall Reconstruction with Component Separation. World Journal of Surgery, 2009, 33, 1174-1180.	1.6	37
241	Aesthetic Correction of Tuberous Breast Deformity-Lessons Learned with a Single-Stage Procedure. Breast Journal, 2009, 15, 279-286.	1.0	15
242	Intrapulmonary and Cutaneous Siliconomas after Silent Silicone Breast Implant Failure. Breast Journal, 2009, 15, 496-499.	1.0	65
243	Double Pedicled Perforator Flap to Close Flank Defects. Annals of Plastic Surgery, 2009, 63, 422-424.	0.9	21
244	Hepatic tissue engineering: from transplantation to customized cellâ€based liver directed therapies from the laboratory. Journal of Cellular and Molecular Medicine, 2008, 12, 56-66.	3.6	100
245	Porous ceramic bone scaffolds for vascularized bone tissue regeneration. Journal of Materials Science: Materials in Medicine, 2008, 19, 2781-2790.	3.6	146
246	Postâ€mastectomy Breast Reconstruction: Pectoralis Major Myomammary Flap versus DIEP and MSâ€2 TRAM. World Journal of Surgery, 2008, 32, 502-502.	1.6	4
247	Comment on: Microsurgical Arterovenous Loops and Biological Templates: A Novel In Vivo Chamber for Tissue Engineering. Microsurgery, 2008, 28, 210-211.	1.3	0
248	Coverage of Exposed Bones and Joints in Critically Ill Patients: Lower Extremity Salvage with Topical Negative Pressure Therapy. Journal of Cutaneous Medicine and Surgery, 2008, 12, 223-229.	1.2	25
249	High Throughput Screening of Gene Functions in Mammalian Cells Using Reversely Transfected Cell Arrays: Review And Protocol. Combinatorial Chemistry and High Throughput Screening, 2008, 11, 159-172.	1.1	25
250	Two Easy and Simple Modifications When Using a Distally Based Sural Flap to Reduce the Risk of Venous Congestion. Plastic and Reconstructive Surgery, 2008, 122, 683-684.	1.4	13
251	Axial Prevascularization of Porous Matrices Using an Arteriovenous Loop Promotes Survival and Differentiation of Transplanted Autologous Osteoblasts. Tissue Engineering, 2007, 13, 1549-1560.	4.6	107
252	Surgical Treatment of Facial Cutis Verticis Gyrata with Direct Excision. Journal of Cutaneous Medicine and Surgery, 2007, 11, 4-8.	1.2	2

#	Article	IF	Citations
253	Intrinsic Axial Vascularization of an Osteoconductive Bone Matrix by Means of an Arteriovenous Vascular Bundle. Plastic and Reconstructive Surgery, 2007, 120, 855-868.	1.4	41
254	The Versatility of the Distally Based Peroneus Brevis Muscle Flap in Reconstructive Surgery of the Foot and Lower Leg. Annals of Plastic Surgery, 2007, 58, 397-404.	0.9	57
255	Fibrin Gel-Immobilized VEGF and bFGF Efficiently Stimulate Angiogenesis in the AV Loop Model. Molecular Medicine, 2007, 13, 480-487.	4.4	83
256	Gene transfer strategies in tissue engineering. Journal of Cellular and Molecular Medicine, 2007, 11, 206-223.	3.6	121
257	Sternal Wound Infections following Cardiac Surgery: Risk Factor Analysis and Interdisciplinary Treatment. Heart Surgery Forum, 2007, 10, E366-E371.	0.5	38
258	Engineering of Vascularized Transplantable Bone Tissues: Induction of Axial Vascularization in an Osteoconductive Matrix Using an Arteriovenous Loop. Tissue Engineering, 2006, 12, 1721-1731.	4.6	200
259	Shall We Still Use the Delayed Sural Flap?. Plastic and Reconstructive Surgery, 2006, 118, 572-573.	1.4	0
260	Tissue Engineering of Injectable Muscle: Three-Dimensional Myoblast-Fibrin Injection in the Syngeneic Rat Animal Model. Plastic and Reconstructive Surgery, 2006, 118, 1113-1121.	1.4	78
261	Radial Collateral Ligament Repair of the Thumb Metacarpophalangeal Joint Using the Abductor Pollicis Brevis Tendon. Plastic and Reconstructive Surgery, 2006, 117, 491-496.	1.4	21
262	Pectus Excavatum Breast and Chest Deformity: Indications for Aesthetic Plastic Surgery Versus Thoracic Surgery in a Multicenter Experience. Aesthetic Plastic Surgery, 2006, 30, 403-411.	0.9	35
263	Simultaneous heart valve replacement and reconstruction of the radiation-damaged chest wall with a delayed vertical rectus abdominis myocutaneous flap. Journal of Thoracic and Cardiovascular Surgery, 2006, 132, 980-982.	0.8	3
264	Delayed Reverse Sural Flap for Staged Reconstruction of the Foot and Lower Leg. Plastic and Reconstructive Surgery, 2005, 116, 1910-1917.	1.4	126
265	Tissue engineering of cultured skin substitutes. Journal of Cellular and Molecular Medicine, 2005, 9, 592-608.	3.6	260
266	Injectable Liver: A Novel Approach Using Fibrin Gel as a Matrix for Culture and Intrahepatic Transplantation of Hepatocytes. Tissue Engineering, 2005, 11, 1718-1726.	4.6	70
267	Differentiation of Osteoblasts in Three-Dimensional Culture in Processed Cancellous Bone Matrix: Quantitative Analysis of Gene Expression Based on Real-Time Reverse Transcription- Polymerase Chain Reaction. Tissue Engineering, 2005, 11, 855-864.	4.6	38
268	Buried Chip Skin Grafting in Neuropathic Diabetic Foot Ulcers Following Vacuum-Assisted Wound Bed Preparation: Enhancing a Classic Surgical Tool with Novel Technologies. International Journal of Lower Extremity Wounds, 2004, 3, 168-171.	1.1	21
269	Applied tissue engineering in the closure of severe burns and chronic wounds using cultured human autologous keratinocytes in a natural fibrin matrix. Cell and Tissue Banking, 2004, 5, 81-87.	1.1	78
270	Influence of Flow Conditions and Matrix Coatings on Growth and Differentiation of Three-Dimensionally Cultured Rat Hepatocytes. Tissue Engineering, 2004, 10, 165-174.	4.6	57

#	Article	IF	Citations
271	Accelerated Wound Healing by In vivo Application of Keratinocytes Overexpressing KGF. Molecular Therapy, 2004, 10, 86-96.	8.2	45
272	Lysineurethanedimethacrylateâ€"a novel generation of amino acid based monomers for bone cements and tissue repair. Biomaterials, 2002, 23, 2849-2854.	11.4	11
273	HEPATOCYTE TRANSPLANTATION USING BIODEGRADABLE MATRICES IN ASCORBIC ACID-DEFICIENT RATS: COMPARISON WITH HETEROTOPICALLY TRANSPLANTED LIVER GRAFTS1. Transplantation, 2001, 71, 1226-1231.	1.0	33
274	Priming of Hepatocytes for Cell Culture by Partial Hepatectomy Prior to Cell Isolation. Tissue Engineering, 2000, 6, 619-626.	4.6	6
275	Influence of Pancreatic Islets on Growth and Differentiation of Hepatocytes in Co-Culture. Tissue Engineering, 1999, 5, 583-596.	4.6	32
276	IS THERE AN OPTIMAL CONCENTRATION OF COTRANSPLANTED ISLETS OF LANGERHANS FOR STIMULATION OF HEPATOCYTES IN THREE DIMENSIONAL MATRICES?1. Transplantation, 1999, 68, 272-279.	1.0	18
277	The impact of previous surgery on scaphoid nonunion reconstruction: a retrospective study of 95 cases. Journal of Hand Surgery: European Volume, 0, , 175319342211084.	1.0	1
278	Development of a mathematical formula and online tool to calculate the potential maximum flap width to allow for primary anterolateral thigh donorâ€site closure in Caucasians. Microsurgery, 0, , .	1.3	1