

Ulrich Kneser

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268
papers

4,912
citations

38
h-index

59
g-index

304
ext. papers

6,019
ext. citations

2.9
avg, IF

5.44
L-index

#	Paper	IF	Citations
268	Regenerating bone with bioactive glass scaffolds: A review of in vivo studies in bone defect models. <i>Acta Biomaterialia</i> , 2017 , 62, 1-28	10.8	250
267	Tissue engineering of cultured skin substitutes. <i>Journal of Cellular and Molecular Medicine</i> , 2005 , 9, 592-608	5.0	217
266	Engineering of vascularized transplantable bone tissues: induction of axial vascularization in an osteoconductive matrix using an arteriovenous loop. <i>Tissue Engineering</i> , 2006 , 12, 1721-31	5.0	179
265	Porous ceramic bone scaffolds for vascularized bone tissue regeneration. <i>Journal of Materials Science: Materials in Medicine</i> , 2008 , 19, 2781-90	4.5	120
264	Delayed reverse sural flap for staged reconstruction of the foot and lower leg. <i>Plastic and Reconstructive Surgery</i> , 2005 , 116, 1910-7	2.7	108
263	Translating tissue engineering technology platforms into cancer research. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 1417-27	5.6	106
262	Gene transfer strategies in tissue engineering. <i>Journal of Cellular and Molecular Medicine</i> , 2007 , 11, 206-236	3.3	103
261	Axial prevascularization of porous matrices using an arteriovenous loop promotes survival and differentiation of transplanted autologous osteoblasts. <i>Tissue Engineering</i> , 2007 , 13, 1549-60	5.0	96
260	Successful human long-term application of in situ bone tissue engineering. <i>Journal of Cellular and Molecular Medicine</i> , 2014 , 18, 1478-85	5.6	91
259	Hepatic tissue engineering: from transplantation to customized cell-based liver directed therapies from the laboratory. <i>Journal of Cellular and Molecular Medicine</i> , 2008 , 12, 56-66	5.6	87
258	and Biocompatibility of Alginate Dialdehyde/Gelatin Hydrogels with and without Nanoscaled Bioactive Glass for Bone Tissue Engineering Applications. <i>Materials</i> , 2014 , 7, 1957-1974	3.5	80
257	Osteoinduction and survival of osteoblasts and bone-marrow stromal cells in 3D biphasic calcium phosphate scaffolds under static and dynamic culture conditions. <i>Journal of Cellular and Molecular Medicine</i> , 2012 , 16, 2350-61	5.6	78
256	Fibrin gel-immobilized VEGF and bFGF efficiently stimulate angiogenesis in the AV loop model. <i>Journal of Cellular and Molecular Medicine</i> , 2007 , 13, 480-7	6.2	75
255	Bioactive copper-doped glass scaffolds can stimulate endothelial cells in co-culture in combination with mesenchymal stem cells. <i>PLoS ONE</i> , 2014 , 9, e113319	3.7	69
254	Applied tissue engineering in the closure of severe burns and chronic wounds using cultured human autologous keratinocytes in a natural fibrin matrix. <i>Cell and Tissue Banking</i> , 2004 , 5, 89-96	2.2	68
253	Axial vascularization of a large volume calcium phosphate ceramic bone substitute in the sheep AV loop model. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2010 , 4, 216-23	4.4	67
252	Eschar removal by bromelain based enzymatic debridement (Nexobrid) in burns: An European consensus. <i>Burns</i> , 2017 , 43, 1640-1653	2.3	65

251	Engineering skeletal muscle tissue--new perspectives in vitro and in vivo. <i>Journal of Cellular and Molecular Medicine</i> , 2010 , 14, 2622-9	5.6	65
250	Tissue engineering of injectable muscle: three-dimensional myoblast-fibrin injection in the syngeneic rat animal model. <i>Plastic and Reconstructive Surgery</i> , 2006 , 118, 1113-1121	2.7	65
249	Injectable liver: a novel approach using fibrin gel as a matrix for culture and intrahepatic transplantation of hepatocytes. <i>Tissue Engineering</i> , 2005 , 11, 1718-26		65
248	Engineering axially vascularized bone in the sheep arteriovenous-loop model. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2013 , 7, 654-64	4.4	57
247	Myogenic differentiation of mesenchymal stem cells co-cultured with primary myoblasts. <i>Cell Biology International</i> , 2011 , 35, 397-406	4.5	55
246	Influence of flow conditions and matrix coatings on growth and differentiation of three-dimensionally cultured rat hepatocytes. <i>Tissue Engineering</i> , 2004 , 10, 165-74		54
245	Free flaps for reconstruction of soft tissue defects in lower extremity: A meta-analysis on microsurgical outcome and safety. <i>Microsurgery</i> , 2016 , 36, 511-24	2.1	53
244	Application of VEGFA and FGF-9 enhances angiogenesis, osteogenesis and bone remodeling in type 2 diabetic long bone regeneration. <i>PLoS ONE</i> , 2015 , 10, e0118823	3.7	52
243	Intrapulmonary and cutaneous siliconomas after silent silicone breast implant failure. <i>Breast Journal</i> , 2009 , 15, 496-9	1.2	49
242	Dose-finding study of fibrin gel-immobilized vascular endothelial growth factor 165 and basic fibroblast growth factor in the arteriovenous loop rat model. <i>Tissue Engineering - Part A</i> , 2009 , 15, 2501-11	3.9	48
241	Tissue engineering and regenerative medicine -where do we stand?. <i>Journal of Cellular and Molecular Medicine</i> , 2012 , 16, 1157-65	5.6	47
240	Directly auto-transplanted mesenchymal stem cells induce bone formation in a ceramic bone substitute in an ectopic sheep model. <i>Journal of Cellular and Molecular Medicine</i> , 2011 , 15, 1364-78	5.6	47
239	The versatility of the distally based peroneus brevis muscle flap in reconstructive surgery of the foot and lower leg. <i>Annals of Plastic Surgery</i> , 2007 , 58, 397-404	1.7	44
238	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. <i>BMC Biotechnology</i> , 2014 , 14, 112	3.5	43
237	Oxidized Alginate-Gelatin Hydrogel: A Favorable Matrix for Growth and Osteogenic Differentiation of Adipose-Derived Stem Cells in 3D. <i>ACS Biomaterials Science and Engineering</i> , 2017 , 3, 1730-1737	5.5	41
236	Enhancing mandibular bone regeneration and perfusion via axial vascularization of scaffolds. <i>Clinical Oral Investigations</i> , 2014 , 18, 1671-8	4.2	39
235	In vitro evaluation of 45S5 Bioglass [®] -derived glass-ceramic scaffolds coated with carbon nanotubes. <i>Journal of Biomedical Materials Research - Part A</i> , 2011 , 99, 435-44	5.4	39
234	Foreign body reaction after usage of tissue adhesives for skin closure: a case report and review of the literature. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2009 , 129, 167-9	3.6	39

233	The 1,2-intercompartmental supraretinacular artery vascularized bone graft for scaphoid nonunion: management and clinical outcome. <i>Journal of Hand Surgery</i> , 2014 , 39, 423-9	2.6	38
232	Intrinsic axial vascularization of an osteoconductive bone matrix by means of an arteriovenous vascular bundle. <i>Plastic and Reconstructive Surgery</i> , 2007 , 120, 855-868	2.7	38
231	Accelerated wound healing by in vivo application of keratinocytes overexpressing KGF. <i>Molecular Therapy</i> , 2004 , 10, 86-96	11.7	38
230	Combination of extrinsic and intrinsic pathways significantly accelerates axial vascularization of bioartificial tissues. <i>Plastic and Reconstructive Surgery</i> , 2012 , 129, 55e-65e	2.7	37
229	Zinc-containing bioactive glasses for bone regeneration, dental and orthopedic applications. <i>Biomedical Glasses</i> , 2015 , 1,	2.7	36
228	Combination of BMP2 and MSCs significantly increases bone formation in the rat arterio-venous loop model. <i>Tissue Engineering - Part A</i> , 2015 , 21, 96-105	3.9	36
227	Adipose- and bone marrow-derived mesenchymal stem cells display different osteogenic differentiation patterns in 3D bioactive glass-based scaffolds. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2016 , 10, E497-E509	4.4	35
226	Endothelial progenitor cells are integrated in newly formed capillaries and alter adjacent fibrovascular tissue after subcutaneous implantation in a fibrin matrix. <i>Journal of Cellular and Molecular Medicine</i> , 2011 , 15, 2452-61	5.6	34
225	Hyaluronan-based heparin-incorporated hydrogels for generation of axially vascularized bioartificial bone tissues: in vitro and in vivo evaluation in a PLDLLA-TCP-PCL-composite system. <i>Journal of Materials Science: Materials in Medicine</i> , 2011 , 22, 1279-91	4.5	34
224	Eschar removal by bromelain based enzymatic debridement (Nexobrid®) in burns: European consensus guidelines update. <i>Burns</i> , 2020 , 46, 782-796	2.3	33
223	Development of a pre-vascularized 3D scaffold-hydrogel composite graft using an arterio-venous loop for tissue engineering applications. <i>Journal of Biomaterials Applications</i> , 2012 , 27, 277-89	2.9	32
222	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. <i>Tissue Engineering</i> , 2005 , 11, 855-64		32
221	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. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2011 , 64, 656-62	1.7	31
220	Influence of pancreatic islets on growth and differentiation of hepatocytes in co-culture. <i>Tissue Engineering</i> , 1999 , 5, 583-96		31
219	Wide topical negative pressure wound dressing treatment for patients undergoing abdominal dermolipectomy following massive weight loss. <i>Obesity Surgery</i> , 2011 , 21, 1781-6	3.7	30
218	Tensiometry as a decision tool for abdominal wall reconstruction with component separation. <i>World Journal of Surgery</i> , 2009 , 33, 1174-80	3.3	29
217	Hepatocyte transplantation using biodegradable matrices in ascorbic acid-deficient rats: comparison with heterotopically transplanted liver grafts. <i>Transplantation</i> , 2001 , 71, 1226-31	1.8	29
216	Sternal wound infections following cardiac surgery: risk factor analysis and interdisciplinary treatment. <i>Heart Surgery Forum</i> , 2007 , 10, E366-71	0.7	29

215	Age-dependent alterations in osteoblast and osteoclast activity in human cancellous bone. <i>Journal of Cellular and Molecular Medicine</i> , 2017 , 21, 2773-2781	5.6	27
214	Indocyanine Green Fluorescence for Free-Flap Perfusion Imaging Revisited: Advanced Decision Making by Virtual Perfusion Reality in Visionsense Fusion Imaging Angiography. <i>Surgical Innovation</i> , 2016 , 23, 249-60	2	27
213	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. <i>Plastic and Reconstructive Surgery</i> , 2018 , 142, 415-424	2.7	27
212	Development of hepatic tissue engineering. <i>Pediatric Surgery International</i> , 2009 , 25, 667-73	2.1	27
211	Pectus excavatum breast and chest deformity: indications for aesthetic plastic surgery versus thoracic surgery in a multicenter experience. <i>Aesthetic Plastic Surgery</i> , 2006 , 30, 403-11	2	25
210	One-Stage versus Two-Stage Arteriovenous Loop Reconstructions: An Experience on 103 Cases from a Single Center. <i>Plastic and Reconstructive Surgery</i> , 2019 , 143, 912-924	2.7	25
209	Zonal perfusion patterns in pedicled free-style perforator flaps. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2014 , 67, e9-17	1.7	24
208	T17b murine embryonal endothelial progenitor cells can be induced towards both proliferation and differentiation in a fibrin matrix. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 926-35	5.6	23
207	High throughput screening of gene functions in mammalian cells using reversely transfected cell arrays: review and protocol. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2008 , 11, 159-72	1.3	23
206	Acute and long-term costs of 268 peripheral nerve injuries in the upper extremity. <i>PLoS ONE</i> , 2020 , 15, e0229530	3.7	23
205	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. <i>Breast Journal</i> , 2015 , 21, 588-95	1.2	21
204	Comparison of donor-site morbidity and satisfaction between anterolateral thigh and parascapular free flaps in the same patient. <i>Journal of Reconstructive Microsurgery</i> , 2013 , 29, 537-44	2.5	21
203	Role of guanylate binding protein-1 in vascular defects associated with chronic inflammatory diseases. <i>Journal of Cellular and Molecular Medicine</i> , 2011 , 15, 1582-92	5.6	21
202	MicroRNA-regulated pathways of flow-stimulated angiogenesis and vascular remodeling in vivo. <i>Journal of Translational Medicine</i> , 2019 , 17, 22	8.5	21
201	Collagen-Elastin and Collagen-Glycosaminoglycan Scaffolds Promote Distinct Patterns of Matrix Maturation and Axial Vascularization in Arteriovenous Loop-Based Soft Tissue Flaps. <i>Annals of Plastic Surgery</i> , 2017 , 79, 92-100	1.7	20
200	Ultrasound and shock-wave stimulation to promote axonal regeneration following nerve surgery: a systematic review and meta-analysis of preclinical studies. <i>Scientific Reports</i> , 2018 , 8, 3168	4.9	20
199	Flow increase is decisive to initiate angiogenesis in veins exposed to altered hemodynamics. <i>PLoS ONE</i> , 2015 , 10, e0117407	3.7	20
198	Flow-Induced Axial Vascularization: The Arteriovenous Loop in Angiogenesis and Tissue Engineering. <i>Plastic and Reconstructive Surgery</i> , 2016 , 138, 825-835	2.7	20

197	Microvascular free flaps are a safe and suitable training procedure during structured plastic surgery residency: A comparative cohort study with 391 patients. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2016 , 69, 715-21	1.7	19
196	Extracorporeal perfusion of free muscle flaps in a porcine model using a miniaturized perfusion system. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2011 , 131, 849-55	3.6	19
195	Long-Term Outcome after Successful Lower Extremity Free Flap Salvage. <i>Journal of Reconstructive Microsurgery</i> , 2019 , 35, 263-269	2.5	19
194	Feasibility and safety of enzymatic debridement for the prevention of operative escharotomy in circumferential deep burns of the distal upper extremity. <i>Surgery</i> , 2019 , 165, 1100-1105	3.6	18
193	Silicone Implants with Smooth Surfaces Induce Thinner but Denser Fibrotic Capsules Compared to Those with Textured Surfaces in a Rodent Model. <i>PLoS ONE</i> , 2015 , 10, e0132131	3.7	18
192	Coverage of exposed bones and joints in critically ill patients: lower extremity salvage with topical negative pressure therapy. <i>Journal of Cutaneous Medicine and Surgery</i> , 2008 , 12, 223-9	1.6	18
191	Pedicle Transplantation of Axially Vascularized Bone Constructs in a Critical Size Femoral Defect. <i>Tissue Engineering - Part A</i> , 2018 , 24, 479-492	3.9	17
190	Chitosan nerve tube for primary repair of traumatic sensory nerve lesions of the hand without a gap: study protocol for a randomized controlled trial. <i>Trials</i> , 2016 , 17, 48	2.8	17
189	Gene expression analysis of ischaemia and reperfusion in human microsurgical free muscle tissue transfer. <i>Journal of Cellular and Molecular Medicine</i> , 2011 , 15, 983-93	5.6	17
188	Subjective outcome, neurophysiological investigations, postoperative complications and recurrence rate of partial medial epicondylectomy in cubital tunnel syndrome. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2011 , 131, 1027-33	3.6	17
187	Double pedicled perforator flap to close flank defects: an alternative for closure of a large lumbar defect after basalioma excision--a case report and review of the literature. <i>Annals of Plastic Surgery</i> , 2009 , 63, 422-4	1.7	17
186	Radial collateral ligament repair of the thumb metacarpophalangeal joint using the abductor pollicis brevis tendon. <i>Plastic and Reconstructive Surgery</i> , 2006 , 117, 491-6	2.7	17
185	Scars and perforator-based flaps in the abdominal region: a contraindication?. <i>Canadian Journal of Surgery</i> , 2010 , 53, 137-42	2	17
184	Knowledge gaps in oncoplastic breast surgery. <i>Lancet Oncology, The</i> , 2020 , 21, e375-e385	21.7	17
183	Three-dimensional vascularization of electrospun PCL/collagen-blend nanofibrous scaffolds in vivo. <i>Journal of Biomedical Materials Research - Part A</i> , 2012 , 100, 2302-11	5.4	16
182	High flow conditions increase connexin43 expression in a rat arteriovenous and angiogenic loop model. <i>PLoS ONE</i> , 2013 , 8, e78782	3.7	16
181	Expression of HIF-1 α in ischemia and reperfusion in human microsurgical free muscle tissue transfer. <i>Plastic and Reconstructive Surgery</i> , 2011 , 127, 2293-2300	2.7	16
180	Composition of fibrin glues significantly influences axial vascularization and degradation in isolation chamber model. <i>Blood Coagulation and Fibrinolysis</i> , 2012 , 23, 419-27	1	16

179	Buried chip skin grafting in neuropathic diabetic foot ulcers following vacuum-assisted wound bed preparation: enhancing a classic surgical tool with novel technologies. <i>International Journal of Lower Extremity Wounds</i> , 2004 , 3, 168-71	1.6	16
178	Soft tissue free flap for reconstruction of upper extremities: A meta-analysis on outcome and safety. <i>Microsurgery</i> , 2019 , 39, 463-475	2.1	15
177	Is there an optimal concentration of cotransplanted islets of Langerhans for stimulation of hepatocytes in three dimensional matrices?. <i>Transplantation</i> , 1999 , 68, 272-9	1.8	15
176	Suprathel(□) for severe burns in the elderly: Case report and review of the literature. <i>Burns</i> , 2016 , 42, e86-e92	2.3	14
175	Aesthetic and functional correction of female, asymmetric funnel chest - a combined approach. <i>Breast</i> , 2009 , 18, 60-5	3.6	14
174	Vascularized versus non-vascularized bone grafts in the treatment of scaphoid non-union. <i>Journal of Orthopaedic Surgery</i> , 2017 , 25, 2309499016684291	1.4	13
173	From 3D to 4D: Integration of temporal information into CT angiography studies. <i>European Journal of Radiology</i> , 2015 , 84, 2421-4	4.7	13
172	The Collagenase of the Bacterium <i>Clostridium histolyticum</i> for the Treatment of Capsular Fibrosis after Silicone Implants. <i>Plastic and Reconstructive Surgery</i> , 2015 , 136, 981-989	2.7	13
171	The free fasciocutaneous infragluteal (FCI) flap: Outcome and patient satisfaction after 142 breast reconstructions. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2016 , 69, 461-9	1.7	12
170	Free and pedicled flaps for reconstruction of the weightbearing sole of the foot: a comparative analysis of functional results. <i>Journal of Foot and Ankle Surgery</i> , 2014 , 53, 727-34	1.6	12
169	Free vascularized metacarpal bone graft combined with extended dorsal metacarpal artery flap for phalangeal bone and soft tissue loss: case report. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2012 , 132, 137-40	3.6	12
168	Characteristics of bone turnover in the long bone metaphysis fractured patients with normal or low Bone Mineral Density (BMD). <i>PLoS ONE</i> , 2014 , 9, e96058	3.7	12
167	Microsurgical reconstruction for post-traumatic defects of lower leg in the elderly: A comparative study. <i>Injury</i> , 2016 , 47, 2558-2564	2.5	12
166	Comparison of sub- versus suprafascially raised anterolateral thigh free flaps with regard to donor-site morbidity, function and aesthetics. <i>Microsurgery</i> , 2018 , 38, 444-449	2.1	12
165	Four-corner fusion: comparison of patient satisfaction and functional outcome of conventional K-wire technique vs. a new locking plate. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2016 , 136, 571-8	3.6	11
164	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. <i>International Journal of Nanomedicine</i> , 2014 , 9, 5317-39	7.3	11
163	Biomechanical and functional analysis of the pins and rubbers tractions system for treatment of proximal interphalangeal joint fracture dislocations. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2009 , 129, 29-37	3.6	11
162	Immunohistochemical evaluation after ex vivo perfusion of rectus abdominis muscle flaps in a porcine model. <i>Plastic and Reconstructive Surgery</i> , 2012 , 130, 265e-273e	2.7	11

161	Objective outcome of partial medial epicondylectomy in cubital tunnel syndrome. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2010 , 130, 1549-56	3.6	11
160	Therapeutic options and postoperative wound complications after extremity soft tissue sarcoma resection and postoperative external beam radiotherapy. <i>International Wound Journal</i> , 2018 , 15, 148-158	2.6	11
159	Long-Term Effects of the Collagenase of the Bacterium <i>Clostridium histolyticum</i> for the Treatment of Capsular Fibrosis After Silicone Implants. <i>Aesthetic Plastic Surgery</i> , 2017 , 41, 211-220	2	10
158	Management of chronic osteomyelitis of the tibia with life-threatening complications under negative pressure wound therapy and isolation of <i>Helicobacterium kunzii</i> . <i>International Wound Journal</i> , 2015 , 12, 443-6	2.6	10
157	Human scaphoid non-unions exhibit increased osteoclast activity compared to adjacent cancellous bone. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 2842-50	5.6	10
156	Pseudotumors after primary abdominal lipectomy as a new sequela in patients with abdominal apron. <i>Obesity Surgery</i> , 2009 , 19, 1599-604	3.7	10
155	Aesthetic correction of tuberous breast deformity: lessons learned with a single-stage procedure. <i>Breast Journal</i> , 2009 , 15, 279-86	1.2	10
154	Two easy and simple modifications when using a distally based sural flap to reduce the risk of venous congestion. <i>Plastic and Reconstructive Surgery</i> , 2008 , 122, 683-684	2.7	10
153	Lysineurethanedimethacrylate--a novel generation of amino acid based monomers for bone cements and tissue repair. <i>Biomaterials</i> , 2002 , 23, 2849-54	15.6	10
152	Geriatric Patients with Free Flap Reconstruction: A Comparative Clinical Analysis of 256 Cases. <i>Journal of Reconstructive Microsurgery</i> , 2020 , 36, 127-135	2.5	10
151	Negative pressure wound therapy as an accelerator and stabilizer for incorporation of artificial dermal skin substitutes - A retrospective, non-blinded, and non-randomized comparative study. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2021 , 74, 357-363	1.7	10
150	Haemodynamically stimulated and in vivo generated axially vascularized soft-tissue free flaps for closure of complex defects: Evaluation in a small animal model. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018 , 12, 622-632	4.4	9
149	Efficacy and Safety of the Collagenase of the Bacterium <i>Clostridium Histolyticum</i> for the Treatment of Capsular Contracture after Silicone Implants: Ex-Vivo Study on Human Tissue. <i>PLoS ONE</i> , 2016 , 11, e0156428	3.7	9
148	Surgical Revascularization-An Innovative Approach to the Treatment of Talar Osteonecrosis Dissecans Stages II and III. <i>Journal of Foot and Ankle Surgery</i> , 2017 , 56, 176-181	1.6	8
147	Evaluation of 389 patients following free-flap lower extremity reconstruction with respect to secondary refinement procedures. <i>Microsurgery</i> , 2018 , 38, 242-250	2.1	8
146	Early hypothermia as risk factor in severely burned patients: A retrospective outcome study. <i>Burns</i> , 2019 , 45, 1895-1900	2.3	8
145	Sequential chimeric medial femoral condyle and anterolateral thigh flow-through flaps for one-stage reconstructions of composite bone and soft tissue defects: Report of three cases. <i>Microsurgery</i> , 2017 , 37, 824-830	2.1	8
144	In view of standardization Part 2: Management of challenges in the initial treatment of burn patients in Burn Centers in Germany, Austria and Switzerland. <i>Burns</i> , 2017 , 43, 318-325	2.3	8

143	Evaluation of intra-operative abdominal wall perfusion in post-bariatric abdominal dermolipectomy. <i>Obesity Facts</i> , 2012 , 5, 651-9	5.1	8
142	Micro-RNA-Regulated Proangiogenic Signaling in Arteriovenous Loops in Patients with Combined Vascular and Soft-Tissue Reconstructions: Revisiting the Nutrient Flap Concept. <i>Plastic and Reconstructive Surgery</i> , 2018 , 142, 489e-502e	2.7	8
141	Axially vascularized tissue-engineered bone constructs retain their in vivo angiogenic and osteogenic capacity after high-dose irradiation. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018 , 12, e657-e668	4.4	7
140	Novel use of a flowable collagen-glycosaminoglycan matrix (IntegralFlowable Wound Matrix) combined with percutaneous cannula scar tissue release in treatment of post-burn malfunction of the hand--A preliminary 6 month follow-up. <i>Burns</i> , 2016 , 42, e1-e7	2.3	7
139	Impact of diagnostic bronchoscopy in burned adults with suspected inhalation injury. <i>Burns</i> , 2019 , 45, 1275-1282	2.3	7
138	Real-time lymphography by indocyanine green fluorescence: improved navigation for regional lymph node staging. <i>Annals of Plastic Surgery</i> , 2014 , 73, 701-5	1.7	7
137	Solving acne inversa (hidradenitis suppurativa) in Crohn disease with buried chip skin grafts. <i>Journal of Cutaneous Medicine and Surgery</i> , 2009 , 13, 164-8	1.6	7
136	Clinically Available Low Intensity Ultrasound Devices do not Promote Axonal Regeneration After Peripheral Nerve Surgery-A Preclinical Investigation of an FDA-Approved Device. <i>Frontiers in Neurology</i> , 2018 , 9, 1057	4.1	7
135	The conjoined parascapular and latissimus dorsi free flap for reconstruction of extensive knee defects. <i>Microsurgery</i> , 2018 , 38, 867-875	2.1	7
134	Development of a surgical algorithm and optimized management of complications - based on a review of 706 abdominal free flaps for breast reconstruction. <i>Medical Science Monitor</i> , 2010 , 16, CR518-22 ²	3.2	7
133	Safety and Suitability of Finger Replantations as a Residency Training Procedure: A Retrospective Cohort Study With Analysis of the Initial Postoperative Outcomes. <i>Annals of Plastic Surgery</i> , 2017 , 78, 431-435	1.7	6
132	The vascularized periosteum flap as novel tissue engineering model for repair of cartilage defects. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 1273-83	5.6	6
131	Cinanserin reduces plasma extravasation after burn plasma transfer in rats. <i>Burns</i> , 2013 , 39, 1226-33	2.3	6
130	In view of standardization: comparison and analysis of initial management of severely burned patients in Germany, Austria and Switzerland. <i>Burns</i> , 2015 , 41, 33-8	2.3	6
129	Vascularization of the dorsal base of the second metacarpal bone: an anatomical study using C-arm cone beam computed tomography. <i>Plastic and Reconstructive Surgery</i> , 2014 , 134, 72e-80e	2.7	6
128	Reconstruction of a child's forefoot defect using a distally based pedicled medial plantar flap. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2010 , 130, 155-8	3.6	6
127	Low-energy extracorporeal shockwave therapy (ESWT) improves metaphyseal fracture healing in an osteoporotic rat model. <i>PLoS ONE</i> , 2017 , 12, e0189356	3.7	6
126	Promoting axonal regeneration following nerve surgery: a perspective on ultrasound treatment for nerve injuries. <i>Neural Regeneration Research</i> , 2018 , 13, 1530-1533	4.5	6

125	Enzymatic Debridement for Burn Wound Care: Interrater Reliability and Impact of Experience in Post-intervention Therapy Decision. <i>Journal of Burn Care and Research</i> , 2021 , 42, 953-961	0.8	6
124	The Collagenase of the Bacterium <i>Clostridium histolyticum</i> in the Treatment of Irradiation-Induced Capsular Contracture. <i>Aesthetic Plastic Surgery</i> , 2019 , 43, 836-844	2	6
123	Functional outcomes and complications of open elbow dislocations. <i>Obere Extremitat</i> , 2018 , 13, 204-210	0.6	6
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