

Raymund E Horch

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

402
papers

9,235
citations

48
h-index

75
g-index

504
ext. papers

10,931
ext. citations

3.3
avg, IF

6.08
L-index

#	Paper	IF	Citations
402	Influence of the autotaxin-lysophosphatidic acid axis on cellular function and cytokine expression in different breast cancer cell lines.. <i>Scientific Reports</i> , 2022 , 12, 5565	4.9	
401	Anatomical Study of all Carpal and Adjoining Bones of the Wrist using 3D CT Reconstruction - Finding the ultimate Biomechanical Theory.. <i>Annals of Anatomy</i> , 2022 , 151909	2.9	0
400	Improving the Safety of DIEP Flap Transplantation: Detailed Perforator Anatomy Study Using Preoperative CTA. <i>Journal of Personalized Medicine</i> , 2022 , 12, 701	3.6	2
399	Extracorporeal perfusion - reduced to a one-way infusion. <i>Clinical Hemorheology and Microcirculation</i> , 2021 , 79, 257-267	2.5	5
398	Bilateral free flap breast reconstruction using venous cross-over bypass to contralateral internal mammary artery for salvaging thrombosed arterial anastomosis in unilateral repeated irradiation of the breast: A case report. <i>Microsurgery</i> , 2021 ,	2.1	0
397	A Myocutaneous Latissimus Dorsi Propeller Flap Based on a Single Dorsal Intercostal Perforator. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2021 , 9, e3881	1.2	1
396	Rekonstruktion onkologischer Defekte der Perianalregion. <i>Coloproctology</i> , 2021 , 43, 431-442	0.2	
395	The Impossible Anastomosis: Intima-to-adventitia Suture Technique for Microanastomosis of Severely Calcified Arteries. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2021 , 9, e3866	1.2	
394	Perforator-Based Flaps for Defect Reconstruction of the Posterior Trunk. <i>Annals of Plastic Surgery</i> , 2021 , 86, 72-77	1.7	1
393	Antwort auf den Leserbrief von T. Bertsch und T. Hirsch zu: Zetzmann K, Ludolph I, Horch R, et al. Bildgebende Diagnostik zur Therapieplanung bei Lip- und Lymphödem. <i>Phlebologie</i> 2020, 2(49): 72-78. <i>Phlebologie</i> , 2021 , 50, e3-e4	0.3	
392	Management of Acute and Traumatic Wounds With Negative-Pressure Wound Therapy With Instillation and Dwell Time. <i>Plastic and Reconstructive Surgery</i> , 2021 , 147, 43S-53S	2.7	1
391	Bone Allograft and Locking Plate for Severe Proximal Humeral Fractures: Early and Late Outcomes. <i>Medical Science Monitor</i> , 2021 , 27, e928982	3.2	
390	Less is more - retrospective comparison of shoulder strength and range of motion between conventional and muscle-sparing harvesting technique of a latissimus dorsi flap. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2021 , 74, 2527-2536	1.7	1
389	Polytetrafluoroethylene (PTFE) suture vs fiberwire and polypropylene in flexor tendon repair. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021 , 141, 1609-1614	3.6	1
388	Novel imaging methods reveal positive impact of topical negative pressure application on tissue perfusion in an in vivo skin model. <i>International Wound Journal</i> , 2021 , 18, 932-939	2.6	4
387	Abdominal Panniculectomy Can Simplify Kidney Transplantation in Obese Patients. <i>Urologia Internationalis</i> , 2021 , 105, 1068-1075	1.9	
386	Watching the Vessels Grow: Establishment of Intravital Microscopy in the Arteriovenous Loop Rat Model. <i>Tissue Engineering - Part C: Methods</i> , 2021 , 27, 357-365	2.9	1

385	Enhanced vascularization and tissue formation in hydrogels made of engineered RGD-tagged spider silk proteins in the arteriovenous loop model. <i>Biofabrication</i> , 2021 , 13,	10.5	4
384	Tissue Engineering of Lymphatic Vasculature in the Arteriovenous Loop Model of the Rat. <i>Tissue Engineering - Part A</i> , 2021 , 27, 129-141	3.9	4
383	Retrospective analysis of free temporoparietal fascial flap for defect reconstruction of the hand and the distal upper extremity. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021 , 141, 165-171	3.6	0
382	Human Umbilical Vein Endothelial Cell Support Bone Formation of Adipose-Derived Stem Cell-Loaded and 3D-Printed Osteogenic Matrices in the Arteriovenous Loop Model. <i>Tissue Engineering - Part A</i> , 2021 , 27, 413-423	3.9	7
381	Macromastia: an economic burden? A disease cost analysis based on real-world data in Germany. <i>Archives of Gynecology and Obstetrics</i> , 2021 , 303, 521-531	2.5	1
380	Plastisch-chirurgische Rekonstruktion bei ausgedehnten Beckenbodendefekten nach onkologischer Chirurgie. <i>Coloproctology</i> , 2021 , 43, 32-37	0.2	
379	Donor Site Morbidity of Patients Receiving Vertical Rectus Abdominis Myocutaneous Flap for Perineal, Vaginal or Inguinal Reconstruction. <i>World Journal of Surgery</i> , 2021 , 45, 132-140	3.3	2
378	Bone Structure Analysis of the Radius Using Ultrahigh Field (7T) MRI: Relevance of Technical Parameters and Comparison with 3T MRI and Radiography. <i>Diagnostics</i> , 2021 , 11,	3.8	1
377	Flaps for Reconstruction: Vertical Rectus Abdominis Myocutaneous Flap. <i>Springer Surgery Atlas Series</i> , 2021 , 423-438	0	
376	External Screw-Threaded Traction Device Helps Optimize Finger Joint Mobility in Severe Stage III and IV Dupuytren Disease. <i>Medical Science Monitor</i> , 2021 , 27, e929814	3.2	0
375	Actually Seeing What Is Going on - Intravital Microscopy in Tissue Engineering. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 627462	5.8	6
374	Is Reduction Mammoplasty Cost-Effective? A Cost-Utility Analysis of Surgical Treatment for Macromastia in Germany.. <i>Breast Care</i> , 2021 , 16, 614-622	2.4	
373	Overall Complication Rates of DIEP Flap Breast Reconstructions in Germany-A Multi-Center Analysis Based on the DGPR's Prospective National Online Registry for Microsurgical Breast Reconstructions. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	3
372	Engrailed 1 coordinates cytoskeletal reorganization to induce myofibroblast differentiation. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	1
371	Personalized medicine for reconstruction of critical-size bone defects - a translational approach with customizable vascularized bone tissue. <i>Npj Regenerative Medicine</i> , 2021 , 6, 49	15.8	4
370	The Adipose-Derived Stem Cell and Endothelial Cell Coculture System-Role of Growth Factors?. <i>Cells</i> , 2021 , 10,	7.9	1
369	Response to the letter to the editor 'Novel imaging methods reveal positive impact of topical negative pressure application on tissue perfusion in an in-vivo skin model'. <i>International Wound Journal</i> , 2021 , 18, 942-943	2.6	1
368	The influence of K-wire transfixation on proximalization of the first metacarpal after resection suspension interposition arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021 , 141, 535-541	3.6	

367	Vessel grafts for tissue engineering revisited-Vessel segments show location-specific vascularization patterns in ex vivo ring assay. <i>Microcirculation</i> , 2021 , e12742	2.9	0
366	Bone tissue engineering using adipose-derived stem cells and endothelial cells: Effects of the cell ratio. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 7034-7043	5.6	7
365	Interdisciplinary Surgical Approaches in Vaginal and Perineal Reconstruction of Advanced Rectal and Anal Female Cancer Patients. <i>Frontiers in Oncology</i> , 2020 , 10, 719	5.3	5
364	Interdisciplinary Treatment of Breast Cancer After Mastectomy With Autologous Breast Reconstruction Using Abdominal Free Flaps in a University Teaching Hospital-A Standardized and Safe Procedure. <i>Frontiers in Oncology</i> , 2020 , 10, 177	5.3	4
363	Limb salvage procedure in immunocompromised patients with therapy-resistant leg ulcers-The value of ultra-radical debridement and instillation negative-pressure wound therapy. <i>International Wound Journal</i> , 2020 , 17, 1496-1507	2.6	6
362	Resistance of silicone breast explants under cyclic compressive load as a function of implantation time and explant mass. <i>Polymer Testing</i> , 2020 , 84, 106377	4.5	1
361	Topical negative-pressure wound therapy: emerging devices and techniques. <i>Expert Review of Medical Devices</i> , 2020 , 17, 139-148	3.5	11
360	Size matters-in vitro behaviour of human fibroblasts on textured silicone surfaces with different pore sizes. <i>Journal of Materials Science: Materials in Medicine</i> , 2020 , 31, 23	4.5	5
359	Secondary "Hybrid Reconstruction" Concept with Silicone Implants After Autologous Breast Reconstruction - Is It Safe and Reasonable?. <i>Medical Science Monitor</i> , 2020 , 26, e921329	3.2	6
358	Hautersatzmaterialien [Ein Berblick Ber kultivierte autologe Epidermis zur Behandlung von Wunden 2020 , 319-324		
357	Burn Reconstruction: Skin Substitutes and Tissue Engineering 2020 , 165-182		
356	Wound closure by means of free flap and arteriovenous loop: Development of flap autonomy in the long-term follow-up. <i>International Wound Journal</i> , 2020 , 17, 107-116	2.6	11
355	Human adipose-derived stem cells support lymphangiogenesis in vitro by secretion of lymphangiogenic factors. <i>Experimental Cell Research</i> , 2020 , 388, 111816	4.2	16
354	Aspergillus fumigatus Spores Are Not Able to Penetrate Silicone Breast Implant Shells. <i>Annals of Plastic Surgery</i> , 2020 , 85, 306-309	1.7	
353	Qualit�ssicherung in der Brustrekonstruktion [Etablierung eines prospektiven nationalen Onlineregisters f�r mikrochirurgische Brustrekonstruktionen. <i>Senologie - Zeitschrift f�r Mammadiagnostik Und -therapie</i> , 2020 , 17, 187-196	0	
352	Negative Pressure Wound Therapy Combined With Instillation for Sternoclavicular Joint Infection. <i>Annals of Thoracic Surgery</i> , 2020 , 110, 1722-1725	2.7	1
351	Comparison of Hydrogels for the Development of Well-Defined 3D Cancer Models of Breast Cancer and Melanoma. <i>Cancers</i> , 2020 , 12,	6.6	12
350	Successful free flap salvage upon venous congestion in bilateral breast reconstruction using a venous cross-over bypass: A case report. <i>Microsurgery</i> , 2020 , 40, 74-78	2.1	8

349	Dipeptidylpeptidase 4 as a Marker of Activated Fibroblasts and a Potential Target for the Treatment of Fibrosis in Systemic Sclerosis. <i>Arthritis and Rheumatology</i> , 2020 , 72, 137-149	9.5	42
348	Body Contouring Surgery Improves Physical Activity in Patients After Massive Weight Loss-a Retrospective Study. <i>Obesity Surgery</i> , 2020 , 30, 146-153	3.7	9
347	Bildgebende Diagnostik zur Therapieplanung bei Lip- und Lymphödem. <i>Phlebologie</i> , 2020 , 49, 72-78	0.3	1
346	Free Latissimus Dorsi Myocutaneous Flap in a 6-Month-Old Child for Reconstruction of a Temporal Fossa Defect After Teratoma Resection. <i>Annals of Plastic Surgery</i> , 2019 , 82, 62-63	1.7	7
345	Changes of perfusion patterns of surgical wounds under application of closed incision negative pressure wound therapy in postbariatric patients ¹ . <i>Clinical Hemorheology and Microcirculation</i> , 2019 , 72, 139-150	2.5	13
344	Commentary on JPRAS-D-18-00185: The use of Laser Speckle Contrast Imaging to predict flap necrosis: An experimental study in a porcine flap model article. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2019 , 72, 778-780	1.7	
343	Dermatofibrosarcoma protuberans: surgical management of a challenging mesenchymal tumor. <i>World Journal of Surgical Oncology</i> , 2019 , 17, 90	3.4	9
342	Indocyanine green angiography and the old question of vascular autonomy - Long term changes of microcirculation in microsurgically transplanted free flaps. <i>Clinical Hemorheology and Microcirculation</i> , 2019 , 72, 421-430	2.5	10
341	The pro-angiogenic role of hypoxia inducible factor stabilizer FG-4592 and its application in an in vivo tissue engineering chamber model. <i>Scientific Reports</i> , 2019 , 9, 6035	4.9	11
340	Intrinsic Vascularization of Recombinant eADF4(C16) Spider Silk Matrices in the Arteriovenous Loop Model. <i>Tissue Engineering - Part A</i> , 2019 , 25, 1504-1513	3.9	15
339	Enhancing Safety in Reconstructive Microsurgery Using Intraoperative Indocyanine Green Angiography. <i>Frontiers in Surgery</i> , 2019 , 6, 39	2.3	18
338	Plasticity of patient-matched normal mammary epithelial cells is dependent on autologous adipose-derived stem cells. <i>Scientific Reports</i> , 2019 , 9, 10722	4.9	5
337	Patient's quality of life after surgery and radiotherapy for extremity soft tissue sarcoma - a retrospective single-center study over ten years. <i>Health and Quality of Life Outcomes</i> , 2019 , 17, 170	3	8
336	Autologous Breast Reconstruction with Transverse Rectus Abdominis Musculocutaneous (TRAM) or Deep Inferior Epigastric Perforator (DIEP) Flaps: An Analysis of the 100 Most Cited Articles. <i>Medical Science Monitor</i> , 2019 , 25, 3520-3536	3.2	7
335	Keratinocyte Monolayers on Hyaluronic Acid Membranes as "Upside-Down" Grafts Reconstitute Full-Thickness Wounds. <i>Medical Science Monitor</i> , 2019 , 25, 6702-6710	3.2	4
334	Tumor-type-dependent effects on the angiogenic abilities of endothelial cells in an in vitro rat cell model. <i>Oncology Reports</i> , 2019 , 42, 350-360	3.5	4
333	Intra- and Postoperative Blood Flow Monitoring in a Sheep Model of Uterus Transplantation. <i>In Vivo</i> , 2019 , 33, 325-336	2.3	5
332	Self-Assembled Human Adipose-Derived Stem Cell-Derived Extracellular Vesicle-Functionalized Biotin-Doped Polypyrrole Titanium with Long-Term Stability and Potential Osteoinductive Ability. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 46183-46196	9.5	23

331	Extracorporeal Perfusion for Salvage of Major Amputates. <i>Annals of Surgery</i> , 2019 , 270, e5-e6	7.8	6
330	Discussion: Extracellular Vesicles from Human Adipose-Derived Stem Cells for the Improvement of Angiogenesis and Fat-Grafting Application. <i>Plastic and Reconstructive Surgery</i> , 2019 , 144, 881-882	2.7	5
329	Endurance of gel-filled silicone breast implants as a function of maximum load in cyclic compression tests. <i>Polymer International</i> , 2019 , 68, 648-650	3.3	1
328	Operating on the Edge? Body Contouring Procedures in Patients with Body Mass Index Greater 35. <i>Obesity Surgery</i> , 2019 , 29, 1563-1570	3.7	8
327	Can systemically administered antibiotics be detected in wound tissues and surfaces under negative pressure wound therapy?. <i>International Wound Journal</i> , 2019 , 16, 503-510	2.6	3
326	Is short term intraoperative application of disinfectants harmful to breast implants in breast reconstruction? An experimental study and literature survey. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019 , 90, 264-268	4.1	2
325	Investigation of the batch-to-batch inconsistencies of Collagen in PCL-Collagen nanofibers. <i>Materials Science and Engineering C</i> , 2019 , 95, 217-225	8.3	13
324	Commentary on the paper: "Efficacy of a novel strategy for poststernotomy deep sternal infection after thoracic aorta replacement using a prosthetic graft". <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2018 , 71, 710-711	1.7	
323	Encapsulation of Mesenchymal Stem Cells Improves Vascularization of Alginate-Based Scaffolds. <i>Tissue Engineering - Part A</i> , 2018 , 24, 1320-1331	3.9	17
322	Poly(ADP-ribose) polymerase-1 regulates fibroblast activation in systemic sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2018 , 77, 744-751	2.4	27
321	Pilot Assessment of the Angiosome Concept by Intra-operative Fluorescence Angiography After Tibial Bypass Surgery. <i>European Journal of Vascular and Endovascular Surgery</i> , 2018 , 55, 215-221	2.3	13
320	Compressive and cyclic loading of silicone breast implants and their effect on shape resilience and reliability of the shell material. <i>Polymer International</i> , 2018 , 67, 380-385	3.3	4
319	Vascularization of the Arteriovenous Loop in a Rat Isolation Chamber Model-Quantification of Hypoxia and Evaluation of Its Effects. <i>Tissue Engineering - Part A</i> , 2018 , 24, 719-728	3.9	8
318	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
317	Retrospective cohort study of combined approach for trunk reconstruction using arteriovenous loops and free flaps. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2018 , 71, 394-401	1.7	24
316	Proangiogenic effects of tumor cells on endothelial progenitor cells vary with tumor type in an in vitro and in vivo rat model. <i>FASEB Journal</i> , 2018 , 32, 5587-5601	0.9	9
315	Negative pressure wound treatment with computer-controlled irrigation/instillation decreases bacterial load in contaminated wounds and facilitates wound closure. <i>International Wound Journal</i> , 2018 , 15, 978-984	2.6	32
314	Mesenchymal stem cells promote lymphangiogenic properties of lymphatic endothelial cells. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 3740	5.6	15

313	Sternal resection and reconstruction for secondary malignancies. <i>Journal of Thoracic Disease</i> , 2018 , 10, 4230-4235	2.6	4
312	Reconstruction of composite defects of the scalp and neurocranium-a treatment algorithm from local flaps to combined AV loop free flap reconstruction. <i>World Journal of Surgical Oncology</i> , 2018 , 16, 217	3.4	13
311	ADSCs and adipocytes are the main producers in the autotaxin-lysophosphatidic acid axis of breast cancer and healthy mammary tissue in vitro. <i>BMC Cancer</i> , 2018 , 18, 1273	4.8	19
310	Myogenic differentiation of primary myoblasts and mesenchymal stromal cells under serum-free conditions on PCL-collagen I-nanoscaffolds. <i>BMC Biotechnology</i> , 2018 , 18, 75	3.5	12
309	Encapsulation of Rat Bone Marrow Derived Mesenchymal Stem Cells in Alginate Dialdehyde/Gelatin Microbeads with and without Nanoscaled Bioactive Glass for In Vivo Bone Tissue Engineering. <i>Materials</i> , 2018 , 11,	3.5	14
308	The Arteriovenous Loop: Engineering of Axially Vascularized Tissue. <i>European Surgical Research</i> , 2018 , 59, 286-299	1.1	23
307	Adipose-derived mesenchymal stem cells formed acinar-like structure when stimulated with breast epithelial cells in three-dimensional culture. <i>PLoS ONE</i> , 2018 , 13, e0204077	3.7	8
306	Multiphoton microscopy analysis of extracellular collagen I network formation by mesenchymal stem cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017 , 11, 2104-2115	4.4	13
305	Treatment of standardised wounds with pure epidermal micrografts generated with an automated device. <i>International Wound Journal</i> , 2017 , 14, 856-863	2.6	4
304	Microcirculation Evaluated by Intraoperative Fluorescence Angiography after Tibial Bypass Surgery. <i>Annals of Vascular Surgery</i> , 2017 , 40, 190-197	1.7	17
303	Phosphaturic Mesenchymal Tumors: Clinicopathologic, Immunohistochemical and Molecular Analysis of 22 Cases Expanding their Morphologic and Immunophenotypic Spectrum. <i>American Journal of Surgical Pathology</i> , 2017 , 41, 1371-1380	6.7	50
302	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
301	Bone Tissue Engineering Under Xenogeneic-Free Conditions in a Large Animal Model as a Basis for Early Clinical Applicability. <i>Tissue Engineering - Part A</i> , 2017 , 23, 208-222	3.9	7
300	Changes in sternal perfusion following internal mammary artery bypass surgery. <i>Clinical Hemorheology and Microcirculation</i> , 2017 , 67, 35-43	2.5	5
299	Activation of STAT3 integrates common profibrotic pathways to promote fibroblast activation and tissue fibrosis. <i>Nature Communications</i> , 2017 , 8, 1130	17.4	155
298	Vascular Tissue Engineering: Effects of Integrating Collagen into a PCL Based Nanofiber Material. <i>BioMed Research International</i> , 2017 , 2017, 9616939	3	33
297	Influence of Different Irradiation Protocols on Vascularization and Bone Formation Parameters in Rat Femora. <i>Tissue Engineering - Part C: Methods</i> , 2017 , 23, 583-591	2.9	2
296	Cocultivation of Mesenchymal Stem Cells and Endothelial Progenitor Cells Reveals Antiapoptotic and Proangiogenic Effects. <i>Cells Tissues Organs</i> , 2017 , 204, 218-227	2.1	13

295	Management of extremely hard-to-heal extremity wounds with severe life-threatening complications. <i>International Wound Journal</i> , 2017 , 14, 708-715	2.6	8
294	Immediate changes of angiosome perfusion during tibial angioplasty. <i>Journal of Vascular Surgery</i> , 2017 , 65, 422-430	3.5	20
293	Flow Induced Microvascular Network Formation of Therapeutic Relevant Arteriovenous (AV) Loop-Based Constructs in Response to Ionizing Radiation. <i>Medical Science Monitor</i> , 2017 , 23, 834-842	3.2	2
292	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
291	Penile reconstruction with dermal template and vacuum therapy in severe skin and soft tissue defects caused by Fournier's gangrene and hidradenitis suppurativa. <i>International Wound Journal</i> , 2016 , 13, 77-81	2.6	13
290	Three-dimensional mapping of the arteriovenous loop model using two-dimensional histological methods. <i>Microscopy Research and Technique</i> , 2016 , 79, 899-907	2.8	2
289	The Potential Role of Telocytes for Tissue Engineering and Regenerative Medicine. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 913, 139-147	3.6	3
288	The Arteriovenous (AV) Loop in a Small Animal Model to Study Angiogenesis and Vascularized Tissue Engineering. <i>Journal of Visualized Experiments</i> , 2016 ,	1.6	11
287	Intraoperative flap design using ICG monitoring of a conjoined fabricated anterolateral thigh/tensor fasciae latae perforator flap in a case of extensive soft tissue reconstruction at the lower extremity. <i>Microsurgery</i> , 2016 , 36, 684-688	2.1	11
286	Myocutaneous transpelvic flaps do improve quality of life and help to reduce wound healing complications in patients receiving abdominoperineal resection in the real world. <i>International Journal of Colorectal Disease</i> , 2016 , 31, 1525-7	3	3
285	Irrigation of chronic wounds with tap water as a prerequisite for improved healing. <i>International Wound Journal</i> , 2016 , 13, 424	2.6	2
284	Comment on 'Basic concepts regarding fractures healing and the current options and future directions in managing bone fractures'. <i>International Wound Journal</i> , 2016 , 13, 1080-2	2.6	
283	The potential role of telocytes in Tissue Engineering and Regenerative Medicine. <i>Seminars in Cell and Developmental Biology</i> , 2016 , 55, 70-8	7.5	19
282	Selective isolation and characterization of primary cells from normal breast and tumors reveal plasticity of adipose derived stem cells. <i>Breast Cancer Research</i> , 2016 , 18, 32	8.3	27
281	Results of combined vascular reconstruction by means of AV loops and free flap transfer in patients with soft tissue defects. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2016 , 69, 545-553	1.7	16
280	Staged reconstruction of challenging abdominal full thickness wounds caused by necrotizing fasciitis and complicated by occult rectal cancer--a rare combination. <i>International Journal of Colorectal Disease</i> , 2016 , 31, 769-70	3	1
279	History of Regenerative Medicine 2016 , 1-19		1
278	Hydroxyethyl starch solution for extracorporeal tissue perfusion. <i>Clinical Hemorheology and Microcirculation</i> , 2016 , 64, 91-103	2.5	9

277	Stereoscopic Analysis of Silicone Breast Implant Shells Damaged by Surgical Instruments. <i>Plastic and Reconstructive Surgery</i> , 2016 , 137, 753e-754e	2.7	1
276	Reconstruction of Extensive Volar Finger Defects with Double Cross-Finger Flaps. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2016 , 4, e693	1.2	
275	Distal pedal bypasses combined with free microsurgical flaps in chronic limb ischaemia for problematic wounds. <i>International Wound Journal</i> , 2016 , 13, 425-6	2.6	7
274	Combined free flaps with arteriovenous loops for reconstruction of extensive thoracic defects after sternal osteomyelitis. <i>Microsurgery</i> , 2016 , 36, 121-7	2.1	18
273	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
272	Evaluation of in vivo angiogenetic effects of copper doped bioactive glass scaffolds in the AV loop model. <i>Biomedical Glasses</i> , 2016 , 2,	2.7	8
271	Cracking the perfusion code?: Laser-assisted Indocyanine Green angiography and combined laser Doppler spectrophotometry for intraoperative evaluation of tissue perfusion in autologous breast reconstruction with DIEP or ms-TRAM flaps. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2016 , 69, 1382-8	1.7	35
270	Results of combined vascular reconstruction and free flap transfer for limb salvage in patients with critical limb ischemia. <i>Journal of Vascular Surgery</i> , 2015 , 61, 1239-48	3.5	40
269	In vitro cell response to Co-containing 1,393 bioactive glass. <i>Materials Science and Engineering C</i> , 2015 , 57, 157-63	8.3	24
268	Automatic quantification of angiogenesis in 2D sections: a precise and timesaving approach. <i>Journal of Microscopy</i> , 2015 , 259, 185-96	1.9	12
267	Acceleration of vascularized bone tissue-engineered constructs in a large animal model combining intrinsic and extrinsic vascularization. <i>Tissue Engineering - Part A</i> , 2015 , 21, 1680-94	3.9	51
266	Reply: vascularization of the dorsal base of the second metacarpal bone: implications for a reverse second metacarpal dorsal artery flap. <i>Plastic and Reconstructive Surgery</i> , 2015 , 135, 232e	2.7	
265	Assessing viability of extracorporeal preserved muscle transplants using external field stimulation: a novel tool to improve methods prolonging bridge-to-transplantation time. <i>Scientific Reports</i> , 2015 , 5, 11956	4.9	17
264	Severe mutilating injuries with complex macroamputations of the upper extremity - is it worth the effort?. <i>World Journal of Emergency Surgery</i> , 2015 , 10, 30	9.2	14
263	Vessel transformation in chronic wounds under topical negative pressure therapy: an immunohistochemical analysis. <i>International Wound Journal</i> , 2015 , 12, 501-9	2.6	11
262	Emergency arterio-venous loop for free-flap defect reconstruction of the lower thigh with a post-irradiated and heavily infected wound. <i>International Wound Journal</i> , 2015 , 12, 598-600	2.6	9
261	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
260	Management of chronic osteomyelitis of the tibia with life-threatening complications under negative pressure wound therapy and isolation of <i>Helcococcus kunzii</i> . <i>International Wound Journal</i> , 2015 , 12, 443-6	2.6	10

259	The Angiosome Concept Evaluated on the Basis of Microperfusion in Critical Limb Ischemia Patients-an Oxygen to See Guided Study. <i>Microcirculation</i> , 2015 , 22, 737-43	2.9	15
258	Plastic and Reconstructive Surgery in the Treatment of Oncological Perineal and Genital Defects. <i>Frontiers in Oncology</i> , 2015 , 5, 212	5.3	17
257	Flow increase is decisive to initiate angiogenesis in veins exposed to altered hemodynamics. <i>PLoS ONE</i> , 2015 , 10, e0117407	3.7	20
256	Comment on "Microsurgical Techniques Used to Construct the Vascularized and Neurotized Tissue Engineered Bone". <i>BioMed Research International</i> , 2015 , 2015, 685412	3	1
255	Incisional negative pressure wound therapy for high-risk wounds. <i>Journal of Wound Care</i> , 2015 , 24, 21-8	2.2	56
254	Distal Row Carpectomy-A Possible Salvage Procedure of Severe Carpal Trauma. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2015 , 3, e480	1.2	
253	In vitro expression of cytokeratin 18, 19 and tube formation of adipose-derived stem cells induced by the breast epithelial cell line HBL-100. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 2827-31	5.6	15
252	Comparison of the Ramirez technique for the closure of large open myelomeningocele defects with alternative methods. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2015 , 68, 1675-82	1.7	2
251	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
250	Axially vascularised mandibular constructs: Is it time for a clinical trial?. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2015 , 43, 1028-32	3.6	8
249	Management of the Patient After Flap Failure 2015 , 231-239		
248	A hundred patients with vertical rectus abdominis myocutaneous (VRAM) flap for pelvic reconstruction after total pelvic exenteration. <i>International Journal of Colorectal Disease</i> , 2014 , 29, 813-23		60
247	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
246	A histopathologic and immunohistochemical study on liquification of human adipose tissue ex vivo. <i>Aesthetic Plastic Surgery</i> , 2014 , 38, 976-84	2	5
245	A novel early precursor cell population from rat bone marrow promotes angiogenesis in vitro. <i>BMC Cell Biology</i> , 2014 , 15, 12		10
244	The primary excision of benign dermal cylindroma on the scalp in the correct layer is crucial to avoid recurrence with cranial bone erosion. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2014 , 67, 1595-6	1.7	1
243	The quality of aesthetic surgery training in plastic surgery residency. <i>Annals of Plastic Surgery</i> , 2014 , 73, 114-5	1.7	1
242	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

241	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
240	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
239	Interdisciplinary Treatment for Cutaneous Abdominal Wall Metastasis from Cervical Cancer with Resection and Reconstruction of the Abdominal Wall Using Free Latissimus Dorsi Muscle Flap: A Case Report. <i>Geburtshilfe Und Frauenheilkunde</i> , 2014 , 74, 574-578	2	4
238	Ischaemia-related cell damage in extracorporeal preserved tissue - new findings with a novel perfusion model. <i>Journal of Cellular and Molecular Medicine</i> , 2014 , 18, 885-94	5.6	12
237	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
236	Stromal-epithelial cell interactions and alteration of branching morphogenesis in macromastic mammary glands. <i>Journal of Cellular and Molecular Medicine</i> , 2014 , 18, 1257-66	5.6	7
235	On the failure of silicone breast implants: new insights by mapping the mechanical properties of implant shells. <i>Polymer International</i> , 2014 , 63, 172-178	3.3	12
234	Comments on: "In vivo bone regeneration using tubular perfusion system bioreactor cultured nanofibrous scaffolds" vascularization--one challenge of tissue engineering. <i>Tissue Engineering - Part A</i> , 2014 , 20, 1778-9	3.9	2
233	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
232	Treatment of a chronic vesicocutaneous fistula and abdominal wall defect after resection of a soft tissue sarcoma using a bipediced latissimus dorsi and serratus anterior free flap. <i>International Journal of Urology</i> , 2014 , 21, 1178-80	2.3	4
231	Induction of bone formation in biphasic calcium phosphate scaffolds by bone morphogenetic protein-2 and primary osteoblasts. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2014 , 8, 176-85	4.4	48
230	Commentary to 'An algorithmic approach to post traumatic nail deformities based on an anatomical classification'. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2014 , 67, 548-9	1.7	
229	Enhancing mandibular bone regeneration and perfusion via axial vascularization of scaffolds. <i>Clinical Oral Investigations</i> , 2014 , 18, 1671-8	4.2	39
228	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
227	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
226	Novel strontium-doped bioactive glass nanoparticles enhance proliferation and osteogenic differentiation of human bone marrow stromal cells. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	37
225	Cancer research by means of tissue engineering--is there a rationale?. <i>Journal of Cellular and Molecular Medicine</i> , 2013 , 17, 1197-206	5.6	42
224	Bilateral pre-expanded free TFL flaps for reconstruction of severe thoracic scar contractures in an 8-year-old girl. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2013 , 66, 1766-9	1.7	3

223	New aspects on efficient anticoagulation and antiplatelet strategies in sheep. <i>BMC Veterinary Research</i> , 2013 , 9, 192	2.7	20
222	Evaluation of angiogenesis of bioactive glass in the arteriovenous loop model. <i>Tissue Engineering - Part C: Methods</i> , 2013 , 19, 479-86	2.9	72
221	Experimental total wrapping of breast implants with acellular dermal matrix: a preventive tool against capsular contracture in breast surgery?. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2013 , 66, 1382-9	1.7	40
220	Decision-making in DIEP and ms-TRAM flaps: the potential role for a combined laser Doppler spectrophotometry system. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2013 , 66, 73-9	1.7	16
219	Myogenic differentiation of mesenchymal stem cells in a newly developed neurotised AV-loop model. <i>BioMed Research International</i> , 2013 , 2013, 935046	3	22
218	Nanotechnologies in tissue engineering. <i>Nanotechnology Reviews</i> , 2013 , 2, 411-425	6.3	5
217	Severe soft tissue infection caused by a non-beta-hemolytic <i>Streptococcus pyogenes</i> strain harboring a premature stop mutation in the sagC gene. <i>Journal of Clinical Microbiology</i> , 2013 , 51, 1962-5 ^{9.7}		3
216	Salvage of a free radial forearm flap by creation of an arteriovenous fistula at the distal arterial pedicle. <i>Microsurgery</i> , 2013 , 33, 391-5	2.1	12
215	The transpelvic vertical rectus abdominis flap: one interdisciplinary approach to reduce postoperative complications after surgery for rectal cancer. <i>Annals of Surgery</i> , 2013 , 257, e16	7.8	5
214	High flow conditions increase connexin43 expression in a rat arteriovenous and angiointuctive loop model. <i>PLoS ONE</i> , 2013 , 8, e78782	3.7	16
213	Handinfektionen 2013 , 350-356		
212	History of Regenerative Medicine 2013 , 1-17		
211	Vital staining of blood vessels and bile ducts with carboxyfluorescein diacetate succinimidyl ester: a novel tool for isolation of cholangiocytes. <i>Histology and Histopathology</i> , 2013 , 28, 1013-20	1.4	1
210	Tissue engineering and regenerative medicine -where do we stand?. <i>Journal of Cellular and Molecular Medicine</i> , 2012 , 16, 1157-65	5.6	47
209	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
208	Four-flap compound repair of thoracic hernia after sternum osteomyelitis and omentum flap. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012 , 144, e117-9	1.5	3
207	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
206	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

205	Myocutaneous propeller flap based on the superior gluteal artery (SGA) for closure of large lumbosacral meningomyelocele defects: a case report. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2012 , 65, 521-4	1.7	11
204	Perineal and vaginal wall reconstruction using a combined inferior gluteal and pudendal artery perforator flap: a case report. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2012 , 65, 1734-7	1.7	15
203	Axially vascularized bone substitutes: a systematic review of literature and presentation of a novel model. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2012 , 132, 1353-62	3.6	20
202	Guanylate-binding protein 1 expression from embryonal endothelial progenitor cells reduces blood vessel density and cellular apoptosis in an axially vascularised tissue-engineered construct. <i>BMC Biotechnology</i> , 2012 , 12, 94	3.5	10
201	Laparoscopic abdominoperineal resection with open posterior cylindrical excision and primary transpelvic VRAM flap. <i>Annals of Surgical Oncology</i> , 2012 , 19, 502-3	3.1	16
200	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
199	Online oxygen measurements in ex vivo perfused muscle tissue in a porcine model using dynamic quenching methods. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2012 , 132, 655-61	3.6	10
198	Knöchel- und ligamentäre Verletzungen des Handgelenks. <i>Trauma Und Berufskrankheit</i> , 2012 , 14, 352-357		1
197	New Developments and Trends in Tissue Engineering: An Update. <i>Journal of Tissue Science & Engineering</i> , 2012 , 03,		1
196	Evaluation of intra-operative abdominal wall perfusion in post-bariatric abdominal dermolipectomy. <i>Obesity Facts</i> , 2012 , 5, 651-9	5.1	8
195	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
194	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
193	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
192	Detecting of breast cancer metastasis by means of regional lymph node sampling during autologous breast reconstruction--a screening of 519 consecutive patients. <i>Medical Science Monitor</i> , 2012 , 18, CR605-10	3.2	15
191	Burn reconstruction: Skin substitutes and tissue engineering 2012 , 149-167		1
190	Myogenic differentiation of mesenchymal stem cells co-cultured with primary myoblasts. <i>Cell Biology International</i> , 2011 , 35, 397-406	4.5	55
189	Smooth and textured silicone surfaces of modified gel mammary prostheses cause a different impact on fibroproliferative properties of dermal fibroblasts. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2011 , 64, e60-6	1.7	16
188	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

187	Transverse cervical artery perforator propeller flap for reconstruction of supraclavicular defects. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2011 , 64, 952-4	1.7	6
186	Invited commentary. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2011 , 64, 1603	1.7	
185	Expression of leptin, leptin receptor, and connective tissue growth factor in degenerative disk lesions in the wrist. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2011 , 27, 755-60	5.4	5
184	Nerve fiber staining investigations in traumatic and degenerative disc lesions of the wrist. <i>Journal of Hand Surgery</i> , 2011 , 36, 843-6	2.6	2
183	Expression of HIF-1 β in ischemia and reperfusion in human microsurgical free muscle tissue transfer. <i>Plastic and Reconstructive Surgery</i> , 2011 , 127, 2293-2300	2.7	16
182	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
181	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
180	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
179	Changes of anabolic processes at the cellular and molecular level in chronic wounds under topical negative pressure can be revealed by transcriptome analysis. <i>Journal of Cellular and Molecular Medicine</i> , 2011 , 15, 1564-71	5.6	9
178	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
177	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
176	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
175	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
174	Lokale Perforatorlappen. <i>Trauma Und Berufskrankheit</i> , 2011 , 13, 77-82	0	
173	Tissue augmentation with fibrin sealant and cultured fibroblasts: a preliminary study. <i>Aesthetic Plastic Surgery</i> , 2011 , 35, 1009-15	2	5
172	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
171	Safety of autologous bone marrow-derived mesenchymal stem cell transplantation for cartilage repair in 41 patients with 45 joints followed for up to 11 years and 5 months. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011 , 5, 146-50	4.4	232
170	Factors influencing successful outcome in the arteriovenous loop model: a retrospective study of 612 loop operations. <i>Journal of Reconstructive Microsurgery</i> , 2011 , 27, 11-8	2.5	9

169	Multi-layer reconstruction of cloacal bladder exstrophy with a pedicled anterior lateral thigh perforator flap, vastus lateralis muscle and fascia lata. <i>European Journal of Pediatric Surgery</i> , 2011 , 21, 335-6	1.9	1
168	De novo generation of an axially vascularized processed bovine cancellous-bone substitute in the sheep arteriovenous-loop model. <i>European Surgical Research</i> , 2011 , 46, 148-55	1.1	33
167	The impact of VEGF and bFGF on vascular stereomorphology in the context of angiogenic neo-arborisation after vascular induction. <i>Journal of Electron Microscopy</i> , 2011 , 60, 267-74		6
166	Rhizarthrose 2011 , 1401-1411		1
165	History of Regenerative Medicine 2011 , 1-17		2
164	Retrospective analysis of 242 patients whose carpal tunnels were released using a one-port endoscopic procedure: superior results of early intervention. <i>Journal of Plastic Surgery and Hand Surgery</i> , 2010 , 44, 311-7	1.5	10
163	Clinical impact of surgical glues: interdisciplinary indications for its use. <i>European Journal of Cardio-thoracic Surgery</i> , 2010 , 37, 985; author reply 985-6	3	1
162	Physiology and Wound Healing 2010 , 3-10		1
161	Chemical leeches for successful two-finger re-plantation in a 71-year-old patient. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2010 , 63, e107-8	1.7	5
160	The use of the artificial dermis (Integra) in combination with vacuum assisted closure for reconstruction of an extensive burn scar--a case report. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2010 , 63, e32-5	1.7	33
159	Molecular events of cellular apoptosis and proliferation in the early tendon healing period. <i>Journal of Hand Surgery</i> , 2010 , 35, 691-2; author reply 692-3	2.6	2
158	Automatic quantitative micro-computed tomography evaluation of angiogenesis in an axially vascularized tissue-engineered bone construct. <i>Tissue Engineering - Part C: Methods</i> , 2010 , 16, 1503-14	2.9	51
157	Interesting image. 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. <i>Clinical Nuclear Medicine</i> , 2010 , 35, 36-7	1.7	5
156	Ulnar shortening after TFCC suture repair of Palmer type 1B lesions. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2010 , 130, 301-6	3.6	30
155	Bilateral atypical muscles causing acute bilateral carpal tunnel syndrome in recreational climber. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2010 , 130, 37-40	3.6	5
154	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
153	Cartilage cell proliferation in degenerative TFCC wrist lesions. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2010 , 130, 953-6	3.6	9
152	Expression of TRAIL and death receptor DR4 in Palmer type 2 TFCC lesions. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2010 , 130, 1215-20	3.6	3

151	Acute postoperative infection with <i>Aeromonas hydrophila</i> after using medical leeches for treatment of venous congestion. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2010 , 130, 1323-8	3.6	28
150	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
149	Die kombinierte Therapie chronischer Ulzera mittels Revaskularisation und Omentumplastik. <i>Gefasschirurgie</i> , 2010 , 15, 252-255	0.3	
148	Foetal hepatocyte transplantation in a vascularized AV-Loop transplantation model in the rat. <i>Journal of Cellular and Molecular Medicine</i> , 2010 , 14, 267-74	5.6	35
147	Regenerative medicine: then and now--an update of recent history into future possibilities. <i>Journal of Cellular and Molecular Medicine</i> , 2010 , 14, 2350-8	5.6	42
146	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
145	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
144	Scars and perforator-based flaps in the abdominal region: a contraindication?. <i>Canadian Journal of Surgery</i> , 2010 , 53, 137-42	2	17
143	Principles of Wound Repair 2010 , 57-63		1
142	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		7
141	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 ⁹		48
140	Breast reconstruction after breast-cancer surgery. <i>New England Journal of Medicine</i> , 2009 , 360, 418-9; author reply 420-1	59.2	12
139	Commentary on the article of C. Radtke et al.: efficient production of transfected human keratinocytes under serum free and feeder layer free conditions. <i>Handchirurgie Mikrochirurgie Plastische Chirurgie</i> , 2009 , 41, 341-2	1.2	0
138	Aplasia cutis congenita--plastic reconstruction of three scalp and skull defects with two opposed scalp rotation flaps and split thickness skin grafting. <i>Neuropediatrics</i> , 2009 , 40, 134-6	1.6	8
137	Bilateral obstetric brachial plexus paralysis: a case report. <i>Klinische Padiatrie</i> , 2009 , 221, 57-9	0.9	4
136	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
135	Evaluation of blood vessel ingrowth in fibrin gel subject to type and concentration of growth factors. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 2864-74	5.6	38
134	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

133	Epidermal growth factor (EGF) transfection of human bone marrow stromal cells in bone tissue engineering. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 2593-2601	5.6	12
132	Regression and persistence: remodelling in a tissue engineered axial vascular assembly. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 4166-75	5.6	19
131	Translating tissue engineering technology platforms into cancer research. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 1417-27	5.6	106
130	Aesthetic and functional correction of female, asymmetric funnel chest - a combined approach. <i>Breast</i> , 2009 , 18, 60-5	3.6	14
129	De novo generation of axially vascularized tissue in a large animal model. <i>Microsurgery</i> , 2009 , 29, 42-51	2.1	40
128	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
127	Phlegmonous-infection in first degree Dupuytren's disease. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2009 , 129, 445-8	3.6	5
126	Incidence and distribution of blood vessels in punch biopsies of Palmer 1A disc lesions in the wrist. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2009 , 129, 631-4	3.6	14
125	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
124	An unusual case of gonococcal arthritis of the finger. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2009 , 129, 1335-8	3.6	6
123	Malignant Natural-Killer cell neoplasm presenting as a mucous cyst on the distal interphalangeal joint of the finger. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2009 , 129, 1613-6	3.6	
122	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
121	Die hypertrophe Narbe und das Keloid. <i>Journal Fur Asthetische Chirurgie</i> , 2009 , 2, 141-147	0.1	
120	Modified Component Separation with One Rectus Abdominis Muscle: Reply to Letter. <i>World Journal of Surgery</i> , 2009 , 33, 2731-2731	3.3	
119	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
118	Collagen matrices from sponge to nano: new perspectives for tissue engineering of skeletal muscle. <i>BMC Biotechnology</i> , 2009 , 9, 34	3.5	70
117	Aesthetic correction of tuberous breast deformity: lessons learned with a single-stage procedure. <i>Breast Journal</i> , 2009 , 15, 279-86	1.2	10
116	Intrapulmonary and cutaneous siliconomas after silent silicone breast implant failure. <i>Breast Journal</i> , 2009 , 15, 496-9	1.2	49

115	Projected pain from noxious heat stimulation of an exposed peripheral nerve--a case report. <i>European Journal of Pain</i> , 2009 , 13, 35-7	3.7	9
114	Apoptotic pathways in degenerative disk lesions in the wrist. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2009 , 25, 1380-6	5.4	16
113	The effect of vacuum-assisted closure on lymph vessels in chronic wounds. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2009 , 62, 1068-75	1.7	28
112	Corrective breast reduction surgery after sternum osteomyelitis and multiple coronary artery bypass surgery. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2009 , 62, e525-7	1.7	
111	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
110	Tissue Engineering of Cultured Skin Substitutes 2009 , 329-343		3
109	Haut und Hautersatz, Tissue Engineering 2009 , 123-143		0
108	Improved safety of autologous breast reconstruction surgery by stabilisation of microsurgical vessel anastomoses using fibrin sealant in 349 free DIEP or fascia-muscle-sparing (fms)-TRAM flaps: a two-centre study. <i>Breast</i> , 2008 , 17, 492-8	3.6	31
107	Ethical issues in cellular and molecular medicine and tissue engineering. <i>Journal of Cellular and Molecular Medicine</i> , 2008 , 12, 1785-93	5.6	10
106	Vacuum assisted closure: recommendations for use. A consensus document. <i>International Wound Journal</i> , 2008 , 5 Suppl 4, iii-19	2.6	24
105	The venous graft as an effector of early angiogenesis in a fibrin matrix. <i>Microvascular Research</i> , 2008 , 75, 25-33	3.7	67
104	Cultured keratinocytes in fibrin with decellularised dermis close porcine full-thickness wounds in a single step. <i>Burns</i> , 2008 , 34, 1015-21	2.3	38
103	To matrigel or not to matrigel. <i>American Journal of Pathology</i> , 2008 , 172, 1441; author reply 1441-2	5.8	25
102	Sensory transduction in peripheral nerve axons elicits ectopic action potentials. <i>Journal of Neuroscience</i> , 2008 , 28, 6281-4	6.6	36
101	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
100	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
99	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
98	Skeletal traction treatment of severe finger contracture: a new innovative skeletal distraction device. <i>Plastic and Reconstructive Surgery</i> , 2008 , 122, 99e-100e	2.7	1

97	Decellularized dermis in combination with cultivated keratinocytes in a short- and long-term animal experimental investigation. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2008 , 22, 41-9	4.6	19
96	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
95	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
94	Post-mastectomy breast reconstruction: pectoralis major myomammary flap versus DIEP and MS-2 TRAM. <i>World Journal of Surgery</i> , 2008 , 32, 502	3.3	4
93	Klassische Beiträge zur Kolon- und Rektumchirurgie. <i>Chirurg</i> , 2008 , 79, 1082-1086	4.2	1
92	Fournier-Gangrön. <i>Chirurg</i> , 2008 , 79, 1080-1081	4.2	1
91	Comment on: Microsurgical arterovenous loops and biological templates: a novel in vivo chamber for tissue engineering. <i>Microsurgery</i> , 2008 , 28, 210-1	2.1	
90	Topical negative pressure wound therapy: a review of its role and guidelines for its use in the management of acute wounds. <i>International Wound Journal</i> , 2008 , 5, 511-29	2.6	77
89	The nutrient omentum free flap: revascularization with vein bypasses and greater omentum flap in severe arterial ulcers. <i>Journal of Vascular Surgery</i> , 2007 , 45, 837-40	3.5	19
88	Fibrin gel-immobilized VEGF and bFGF efficiently stimulate angiogenesis in the AV loop model. <i>Molecular Medicine</i> , 2007 , 13, 480-7	6.2	75
87	Giant rodent ulcer of the elbow requiring defect coverage by preconditioned latissimus dorsi pedicled myocutaneous flap following excision. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2007 , 21, 252-4	4.6	5
86	Evidence-based medicine: vacuum-assisted closure in wound care management. <i>International Wound Journal</i> , 2007 , 4, 256-69	2.6	73
85	50 years experience with Dupuytren's contracture in the Erlangen University Hospital--a retrospective analysis of 2919 operated hands from 1956 to 2006. <i>BMC Musculoskeletal Disorders</i> , 2007 , 8, 60	2.8	81
84	Autonomously vascularized cellular constructs in tissue engineering: opening a new perspective for biomedical science. <i>Journal of Cellular and Molecular Medicine</i> , 2007 , 11, 6-20	5.6	68
83	Gene transfer strategies in tissue engineering. <i>Journal of Cellular and Molecular Medicine</i> , 2007 , 11, 206-33	3.6	103
82	Expression of HIF-1 alpha in irradiated tissue is altered by topical negative-pressure therapy. <i>Strahlentherapie Und Onkologie</i> , 2007 , 183, 144-9	4.3	21
81	Modified device for easy infiltration of tumescent solution in liposuction. <i>Aesthetic Plastic Surgery</i> , 2007 , 31, 85-7	2	4
80	Carpal tunnel syndrome in young adults--an ultrasonographic and neurophysiological study. <i>Minimally Invasive Neurosurgery</i> , 2007 , 50, 328-34		13

79	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		96
78	Surgical treatment of facial cutis verticis gyrata with direct excision. <i>Journal of Cutaneous Medicine and Surgery</i> , 2007 , 11, 4-8	1.6	0
77	Aesthetic correction of tuberous breast deformity in a male-to-female transsexual patient. <i>Plastic and Reconstructive Surgery</i> , 2007 , 119, 1138-40	2.7	5
76	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
75	Impact factors and publication times for plastic surgery journals. <i>Plastic and Reconstructive Surgery</i> , 2007 , 120, 2076-2081	2.7	16
74	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
73	Laryngotracheal reconstruction using prefabricated and preconditioned composite radial forearm free flaps. A report of two cases. <i>Auris Nasus Larynx</i> , 2007 , 34, 253-8	2.2	8
72	Post-malignancy irradiation ulcers with exposed alloplastic materials can be salvaged with topical negative pressure therapy (TNP). <i>European Journal of Surgical Oncology</i> , 2007 , 33, 920-5	3.6	11
71	Insulin attenuates apoptosis and exerts anti-inflammatory effects in endotoxemic human macrophages. <i>Journal of Surgical Research</i> , 2007 , 143, 398-406	2.5	43
70	Sternal wound infections following cardiac surgery: risk factor analysis and interdisciplinary treatment. <i>Heart Surgery Forum</i> , 2007 , 10, E366-71	0.7	29
69	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
68	Tissue engineering of bone: the reconstructive surgeon's point of view. <i>Journal of Cellular and Molecular Medicine</i> , 2006 , 10, 7-19	5.6	405
67	N-acetyl-L-cysteine abrogates fibrogenic properties of fibroblasts isolated from Dupuytren's disease by blunting TGF-beta signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2006 , 10, 157-65	5.6	36
66	Evaluation of processed bovine cancellous bone matrix seeded with syngenic osteoblasts in a critical size calvarial defect rat model. <i>Journal of Cellular and Molecular Medicine</i> , 2006 , 10, 695-707	5.6	71
65	A new approach to tissue engineering of vascularized skeletal muscle. <i>Journal of Cellular and Molecular Medicine</i> , 2006 , 10, 716-26	5.6	97
64	Liver fibrogenesis due to cholestasis is associated with increased Smad7 expression and Smad3 signaling. <i>Journal of Cellular and Molecular Medicine</i> , 2006 , 10, 922-32	5.6	23
63	Reduction mammoplasty for benign phyllodes tumour in an adolescent female--a 13-year follow up. <i>Breast</i> , 2006 , 15, 550-3	3.6	8
62	Simultaneous heart valve replacement and reconstruction of the radiation-damaged chest wall with a delayed vertical rectus abdominis myocutaneous flap. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006 , 132, 980-1	1.5	3

61	Banta rheifVakuumtherapie im Wandel - Ein Vorwort zum Supplement Drei-Länder-Kongress Nürnberg 2006. <i>Zentralblatt Fur Chirurgie</i> , 2006 , 131, 1-2	2	3
60	Amnion cells engineering: a new perspective in fetal membrane healing after intrauterine surgery? <i>Fetal Diagnosis and Therapy</i> , 2006 , 21, 494-500	2.4	14
59	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		179
58	The free vastus lateralis flap for reconstruction in ablative oncologic head and neck surgery. <i>European Journal of Surgical Oncology</i> , 2006 , 32, 103-7	3.6	11
57	Shall We Still Use the Delayed Sural Flap?. <i>Plastic and Reconstructive Surgery</i> , 2006 , 118, 572-573	2.7	
56	Increased metabolic activity of fibroblasts derived from cords compared with nodule fibroblasts sampling from patients with Dupuytren's contracture. <i>Plastic and Reconstructive Surgery</i> , 2006 , 117, 1248-52	2.7	16
55	Mondor's disease after breast reduction surgery. <i>Plastic and Reconstructive Surgery</i> , 2006 , 117, 129e-132e	2.7	11
54	Can journals help the improvement of meta-analyses quality in plastic surgery?. <i>Annals of Surgery</i> , 2006 , 243, 289; author reply 289-90	7.8	
53	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
52	Engineering of Vascularized Transplantable Bone Tissues: Induction of Axial Vascularization in an Osteoconductive Matrix Using an Arteriovenous Loop. <i>Tissue Engineering</i> , 2006 , 060802052515051		3
51	Intrinsic versus extrinsic vascularization in tissue engineering. <i>Advances in Experimental Medicine and Biology</i> , 2006 , 585, 311-26	3.6	23
50	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
49	Treatment of therapy-refractive ulcera cruris of various origins with autologous keratinocytes in fibrin sealant. <i>Vasa - European Journal of Vascular Medicine</i> , 2005 , 34, 25-9	1.9	41
48	Treatment of second degree facial burns with allografts--preliminary results. <i>Burns</i> , 2005 , 31, 597-602	2.3	68
47	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
46	The composite vastus medialis-patellar complex osseomuscular flap as a salvage procedure after complex trauma of the knee--an anatomical study and clinical application. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2005 , 58, 646-51		5
45	Tissue engineering of cultured skin substitutes. <i>Journal of Cellular and Molecular Medicine</i> , 2005 , 9, 592-608	2.7	217
44	Unusual explosive growth of a squamous cell carcinoma of the scalp after electrical burn injury and subsequent coverage by sequential free flap vascular connection--a case report. <i>BMC Cancer</i> , 2005 , 5, 150	4.8	9

43	Vacuum application increases therapeutic safety and allows intensified local radiation treatment of malignant soft-tissue tumors. <i>Strahlentherapie Und Onkologie</i> , 2005 , 181, 124-30	4.3	16
42	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
41	A semisynthetic bilaminar skin substitute used to treat pediatric full-body toxic epidermal necrolysis: wraparound technique in a 17-month-old girl. <i>Archives of Dermatology</i> , 2004 , 140, 160-2		22
40	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
39	A case of familial tumoral calcinosis in a neonate and review of the literature. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2004 , 124, 563-7	3.6	43
38	Surgical management of a high-flow arteriovenous malformation of the upper extremity producing severe hemodynamic impairment. <i>European Journal of Plastic Surgery</i> , 2004 , 27, 204	0.6	
37	The versatility of the free osteocutaneous fibula flap in the reconstruction of extremities after sarcoma resection. <i>World Journal of Surgical Oncology</i> , 2004 , 2, 22	3.4	29
36	Accelerated wound healing by in vivo application of keratinocytes overexpressing KGF. <i>Molecular Therapy</i> , 2004 , 10, 86-96	11.7	38
35	Correlation between serum creatinine kinase levels and extent of muscle damage in electrical burns. <i>Burns</i> , 2004 , 30, 680-3	2.3	48
34	Composition and characteristics of an autologous thrombocyte gel. <i>Journal of Surgical Research</i> , 2004 , 117, 202-7	2.5	24
33	Insulin treatment improves hepatic morphology and function through modulation of hepatic signals after severe trauma. <i>Annals of Surgery</i> , 2004 , 240, 340-9	7.8	66
32	Retroauricular skin flap and primary Z-plasty for donor site closure in partial ear reconstruction. <i>Journal of Laryngology and Otology</i> , 2003 , 117, 487-9	1.8	7
31	Ancient traditional Chinese medicine in burn treatment: a historical review. <i>Burns</i> , 2003 , 29, 473-8	2.3	19
30	Minimally-invasive endoscopic correction of funnel chest deformity via an umbilical incision. <i>Aesthetic Plastic Surgery</i> , 2002 , 26, 295-8	2	5
29	New and rapid fully automated method for determination of tazobactam and piperacillin in fatty tissue and serum by column-switching liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002 , 775, 127-32	3.2	16
28	Bilateral pedicled myocutaneous vertical rectus abdominus muscle flaps to close vesicovaginal and pouch-vaginal fistulas with simultaneous vaginal and perineal reconstruction in irradiated pelvic wounds. <i>Urology</i> , 2002 , 60, 502-7	1.6	47
27	Effect of ultrasonic assisted lipectomy (UAL) on breast tissue: histological findings. <i>Aesthetic Plastic Surgery</i> , 2001 , 25, 85-8	2	24
26	Plasmid gene delivery to human keratinocytes through a fibrin-mediated transfection system. <i>Tissue Engineering</i> , 2001 , 7, 757-66		49

25	Metastatic malignant acrospiroma of the hand. <i>European Journal of Surgical Oncology</i> , 2001 , 27, 431-5	3.6	24
24	Transplantation of cultured autologous keratinocytes in fibrin sealant biomatrix to resurface chronic wounds. <i>Transplantation Proceedings</i> , 2001 , 33, 642-4	1.1	72
23	The contralateral bilobed trapezius myocutaneous flap for closure of large defects of the dorsal neck permitting primary donor site closure. <i>Head and Neck</i> , 2000 , 22, 513-9	4.2	16
22	Hemangiosarcoma of the left hand in a patient with the rare combination of Maffucci's and Stewart Treves syndrome. <i>Vasa - European Journal of Vascular Medicine</i> , 2000 , 29, 71-3	1.9	16
21	Cultured human keratinocytes on type I collagen membranes to reconstitute the epidermis. <i>Tissue Engineering</i> , 2000 , 6, 53-67		93
20	Membrane cell grafts , fresh and frozen, to cover full thickness wounds in athymic nude mice. <i>European Journal of Plastic Surgery</i> , 1999 , 22, 213-219	0.6	8
19	Cultured human keratinocytes as a single cell suspension in fibrin glue combined with preserved dermal grafts enhance skin reconstitution in athymic mice full-thickness wounds. <i>European Journal of Plastic Surgery</i> , 1999 , 22, 237-243	0.6	12
18	Correction of vitiligo with contralateral areolar skin graft during mammary reduction plasty. <i>Aesthetic Plastic Surgery</i> , 1999 , 23, 147-50	2	2
17	The rectus abdominis free flap as an emergency procedure in extensive upper extremity soft-tissue defects. <i>Plastic and Reconstructive Surgery</i> , 1999 , 103, 1421-7	2.7	23
16	A new method for treating isolated fractures of the os trapezium. <i>Archives of Orthopaedic and Trauma Surgery</i> , 1998 , 117, 180-2	3.6	15
15	Single-cell suspensions of cultured human keratinocytes in fibrin-glue reconstitute the epidermis. <i>Cell Transplantation</i> , 1998 , 7, 309-17	4	110
14	Comparison of the effect of a collagen dressing and a polyurethane dressing on the healing of split thickness skin graft (STSG) donor sites. <i>Scandinavian Journal of Plastic and Reconstructive Surgery and Hand Surgery</i> , 1998 , 32, 407-13		36
13	Preexpansion of the tensor fasciae latae for free-flap transfer. <i>Plastic and Reconstructive Surgery</i> , 1998 , 102, 1188-92	2.7	5
12	Reconstitution of basement membrane after 'sandwich-technique' skin grafting for severe burns demonstrated by immunohistochemistry. <i>Journal of Burn Care and Research</i> , 1998 , 19, 189-202		16
11	Preexpansion of the Tensor Fasciae Latae for Free-Flap Transfer. <i>Plastic and Reconstructive Surgery</i> , 1998 , 102, 1188-1192	2.7	15
10	Single-Cell Suspensions of Cultured Human Keratinocytes in Fibrin Glue Reconstitute the Epidermis. <i>Cell Transplantation</i> , 1998 , 7, 309-317	4	109
9	Radiologic findings in lymphangioma of the posterior tibial nerve. <i>Journal of Computer Assisted Tomography</i> , 1998 , 22, 28-30	2.2	9
8	Three-dimensional computed tomography reconstruction of the carpal tunnel and carpal bones. <i>Plastic and Reconstructive Surgery</i> , 1998 , 101, 1060-4	2.7	4

7	MR imaging of the carpal tunnel. <i>European Journal of Radiology</i> , 1997 , 25, 141-5	4.7	72
6	Median nerve compression can be detected by magnetic resonance imaging of the carpal tunnel. <i>Neurosurgery</i> , 1997 , 41, 76-82; discussion 82-3	3.2	81
5	Immediate versus delayed lip reconstruction after dog bite lesions. <i>Plastic and Reconstructive Surgery</i> , 1997 , 100, 1073	2.7	7
4	Cologne Burn Centre experiences with glycerol-preserved allogeneic skin: Part I: Clinical experiences and histological findings (overgraft and sandwich technique). <i>Burns</i> , 1994 , 20 Suppl 1, S23-6 ²⁻³		32
3	Phenol burns and intoxications. <i>Burns</i> , 1994 , 20, 45-50	2.3	41
2	Role of Fiber Thickness and Surface Treatment of Electrospun Polycaprolactone Matrices on the Growth of Different Breast Cancer-Associated Cells. <i>Advanced Materials Interfaces</i> , 2101808	4.6	2
1	A New Printable Alginate/Hyaluronic Acid/Gelatin Hydrogel Suitable for Biofabrication of In Vitro and In Vivo Metastatic Melanoma Models. <i>Advanced Functional Materials</i> , 2107993	15.6	1