

# Lukas prantl

## List of Publications by Year in descending order

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Version: 2024-02-01

263  
papers

6,223  
citations

94269

37  
h-index

106150

65  
g-index

295  
all docs

295  
docs citations

295  
times ranked

7059  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Oxygen in acute and chronic wound healing. <i>British Journal of Dermatology</i> , 2010, 163, 257-268.   | 1.4 | 537       |
| 2  | Wound healing in the 21st century. <i>Journal of the American Academy of Dermatology</i> , 2010, 63, 866-881.  | 0.6 | 292       |
| 3  | Deep Learning Methods for Reynolds-Averaged Navier–Stokes Simulations of Airfoil Flows. <i>AIAA Journal</i> , 2020, 58, 25-36.   | 1.5 | 216       |
| 4  | Hypertrophy in Mesenchymal Stem Cell Chondrogenesis: Effect of TGF- $\beta$ Isoforms and Chondrogenic Conditioning. <i>Cells Tissues Organs</i> , 2010, 192, 158-166.  | 1.3 | 174       |
| 5  | Clinical and Morphological Conditions in Capsular Contracture Formed around Silicone Breast Implants. <i>Plastic and Reconstructive Surgery</i> , 2007, 120, 275-284.  | 0.7 | 155       |
| 6  | Adipose tissue–derived stem cells promote prostate tumor growth. <i>Prostate</i> , 2010, 70, 1709-1715.  | 1.2 | 137       |
| 7  | Role of mesenchymal stem cells in tissue engineering of meniscus. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 94A, 1150-1161.   | 2.1 | 135       |
| 8  | Modern tattoos cause high concentrations of hazardous pigments in skin. <i>Contact Dermatitis</i> , 2008, 58, 228-233.   | 0.8 | 117       |
| 9  | Luminescent Dual Sensors Reveal Extracellular pH-Gradients and Hypoxia on Chronic Wounds That Disrupt Epidermal Repair. <i>Theranostics</i> , 2014, 4, 721-735.  | 4.6 | 117       |
| 10 | Does the Surface Structure of Implants Have an Impact on the Formation of a Capsular Contracture?. <i>Aesthetic Plastic Surgery</i> , 2007, 31, 133-139.   | 0.5 | 93        |
| 11 | Bacterial Colonization Is of Major Relevance for High-Grade Capsular Contracture After Augmentation Mammoplasty. <i>Annals of Plastic Surgery</i> , 2007, 59, 126-130.   | 0.5 | 91        |
| 12 | Stem cell-based tissue-engineering for treatment of meniscal tears in the avascular zone. , 2013, 101, 1133-1142.  |     | 90        |
| 13 | Harvesting human adipose tissue-derived adult stem cells: resection versus liposuction. <i>Cytotherapy</i> , 2009, 11, 947-957.  | 0.3 | 88        |
| 14 | Suprathel, a New Skin Substitute, in the Management of Partial-Thickness Burn Wounds. <i>Annals of Plastic Surgery</i> , 2008, 60, 181-185.  | 0.5 | 87        |
| 15 | Proximal humerus fractures: a comparative biomechanical analysis of intra and extramedullary implants. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2007, 127, 441-447.   | 1.3 | 84        |
| 16 | Single-cell chromatin accessibility landscape identifies tissue repair program in human regulatory T cells. <i>Immunity</i> , 2021, 54, 702-720.e17.   | 6.6 | 78        |
| 17 | Evaluation of Acoustic Radiation Force Impulse (ARFI) imaging and contrast-enhanced ultrasound in renal tumors of unknown etiology in comparison to histological findings. <i>Clinical Hemorheology and Microcirculation</i> , 2009, 43, 95-107. | 0.9 | 75        |
| 18 | Suprathel®, a new skin substitute, in the management of donor sites of split-thickness skin grafts: Results of a clinical study. <i>Burns</i> , 2007, 33, 850-854.   | 1.1 | 73        |

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|----|--|-----|-----------|
| 19 | Mechanotransduction in Wound Healing and Fibrosis. <i>Journal of Clinical Medicine</i> , 2020, 9, 1423.  | 1.0 | 71        |
| 20 | In Vitro Studies Investigating the Effect of Subcutaneous Phosphatidylcholine Injections in the 3T3-L1 Adipocyte Model: Lipolysis or Lipid Dissolution?. <i>Plastic and Reconstructive Surgery</i> , 2009, 124, 419-427.               | 0.7 | 68        |
| 21 | PIK3CA mutations are specifically localized to lymphatic endothelial cells of lymphatic malformations. <i>PLoS ONE</i> , 2018, 13, e0200343.   | 1.1 | 68        |
| 22 | Influence of the growth factors PDGF- $\alpha$ BB, TGF- $\alpha$ 21 and bFGF on the replicative aging of human articular chondrocytes during in vitro expansion. <i>Journal of Orthopaedic Research</i> , 2010, 28, 354-360.           | 1.2 | 58        |
| 23 | Breast cancer cells attract the migration of adipose tissue-derived stem cells via the PDGF-BB/PDGFR- $\beta$ signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2010, 398, 601-605.                      | 1.0 | 56        |
| 24 | Lipedema-Pathogenesis, Diagnosis, and Treatment Options. <i>Deutsches A&amp;#x0308;rztblatt International</i> , 2020, 117, 396-403.  | 0.6 | 56        |
| 25 | The value of endosonographic rectal carcinoma staging in routine diagnostics: a 10-year analysis. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2004, 18, 1075-8.  | 1.3 | 54        |
| 26 | Is the rotation of the femoral head a potential initiation for cutting out? A theoretical and experimental approach. <i>BMC Musculoskeletal Disorders</i> , 2011, 12, 79.  | 0.8 | 53        |
| 27 | Attractiveness of Eyebrow Position and Shape in Females Depends on the Age of the Beholder. <i>Aesthetic Plastic Surgery</i> , 2007, 31, 154-160.  | 0.5 | 51        |
| 28 | Angiogenesis: The role of PDGF-BB on Adipose-tissue derived Stem Cells (ASCs). <i>Clinical Hemorheology and Microcirculation</i> , 2011, 48, 5-13.   | 0.9 | 50        |
| 29 | Serologic and Histologic Findings in Patients with Capsular Contracture After Breast Augmentation with Smooth Silicone Gel Implants: Is Serum Hyaluronan a Potential Predictor?. <i>Aesthetic Plastic Surgery</i> , 2005, 29, 510-518. | 0.5 | 49        |
| 30 | Transcutaneous pO <sub>2</sub> imaging during tourniquet-induced forearm ischemia using planar optical oxygen sensors. <i>Skin Research and Technology</i> , 2008, 14, 304-311.  | 0.8 | 49        |
| 31 | Noninvasive in vivo assessment of muscle impairment in the mdx mouse model - A comparison of two common wire hanging methods with two different results. <i>Journal of Neuroscience Methods</i> , 2012, 203, 292-297.                  | 1.3 | 49        |
| 32 | Determination of Serum Fibrosis Indexes in Patients with Capsular Contracture after Augmentation with Smooth Silicone Gel Implants. <i>Plastic and Reconstructive Surgery</i> , 2006, 118, 224-229.                                    | 0.7 | 45        |
| 33 | In Vivo Development and Long-Term Survival of Engineered Adipose Tissue Depend on In Vitro Precultivation Strategy. <i>Tissue Engineering - Part A</i> , 2008, 14, 275-284.  | 1.6 | 45        |
| 34 | Surgical Treatment of Chronic Phantom Limb Sensation and Limb Pain after Lower Limb Amputation. <i>Plastic and Reconstructive Surgery</i> , 2006, 118, 1562-1572.  | 0.7 | 44        |
| 35 | CARBON MONOXIDE INHALATION RESCUES MICE FROM FULMINANT HEPATITIS THROUGH IMPROVING HEPATIC ENERGY METABOLISM. <i>Shock</i> , 2007, 27, 165-171.  | 1.0 | 44        |
| 36 | Effect of parathyroid hormone-related protein in an in vitro hypertrophy model for mesenchymal stem cell chondrogenesis. <i>International Orthopaedics</i> , 2013, 37, 945-951.  | 0.9 | 41        |

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|----|---|-----|-----------|
| 37 | Quantifying Female Bodily Attractiveness by a Statistical Analysis of Body Measurements. <i>Plastic and Reconstructive Surgery</i> , 2009, 123, 1064-1071.  | 0.7 | 39        |
| 38 | Step-by-step guide to ultrasound-based design of alt flaps by the microsurgeon â€“ Basic and advanced applications and device settings. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2020, 73, 1081-1090.  | 0.5 | 38        |
| 39 | Insulin is essential for in vitro chondrogenesis of mesenchymal progenitor cells and influences chondrogenesis in a dose-dependent manner. <i>International Orthopaedics</i> , 2013, 37, 153-158.   | 0.9 | 37        |
| 40 | A Co-Culture Model of Fibroblasts and Adipose Tissue-Derived Stem Cells Reveals New Insights into Impaired Wound Healing After Radiotherapy. <i>International Journal of Molecular Sciences</i> , 2015, 16, 25947-25958.  | 1.8 | 37        |
| 41 | Peripheral Motor and Sensory Nerve Conduction following Transplantation of Undifferentiated Autologous Adipose Tissueâ€“Derived Stem Cells in a Biodegradable U.S. Food and Drug Administrationâ€“Approved Nerve Conduit. <i>Plastic and Reconstructive Surgery</i> , 2016, 138, 132-139. | 0.7 | 37        |
| 42 | PDGF regulated migration of mesenchymal stem cells towards malignancy acts via the PI3K signaling pathway. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 70, 543-551.   | 0.9 | 36        |
| 43 | Effects of external radiation in a co-culture model of endothelial cells and adipose-derived stem cells. <i>Radiation Oncology</i> , 2013, 8, 66.   | 1.2 | 35        |
| 44 | Management of Split-Thickness Donor Sites With Synthetic Wound Dressings. <i>Annals of Plastic Surgery</i> , 2010, 65, 490-496.   | 0.5 | 34        |
| 45 | Estrogen reduces cellular aging in human mesenchymal stem cells and chondrocytes. <i>Journal of Orthopaedic Research</i> , 2011, 29, 1563-1571.   | 1.2 | 33        |
| 46 | The Blue-Eyes Stereotype: Do Eye Color, Pupil Diameter, and Scleral Color Affect Attractiveness?. <i>Aesthetic Plastic Surgery</i> , 2012, 36, 234-240.   | 0.5 | 33        |
| 47 | Neurocutaneous melanosis in association with Dandy-Walker malformation: case report and literature review. <i>Clinical and Experimental Dermatology</i> , 2008, 33, 611-614.  | 0.6 | 32        |
| 48 | A safe and simple technique using the distal pedicled reversed upper arm flap to cover large elbow defects. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2008, 61, 546-551.  | 0.5 | 31        |
| 49 | Type I Collagen Nerve Conduits for Median Nerve Repairs in the Forearm. <i>Journal of Hand Surgery</i> , 2013, 38, 1119-1124.   | 0.7 | 31        |
| 50 | Non-surgical treatment of pubic overload and groin pain in amateur football players: a prospective double-blinded randomised controlled study. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 1958-1966.   | 2.3 | 30        |
| 51 | Effects of radiation on the expression of adhesion molecules and cytokines in a static model of human dermal microvascular endothelial cells. <i>Clinical Hemorheology and Microcirculation</i> , 2013, 54, 371-379.  | 0.9 | 29        |
| 52 | Impact of Smoking Status in Free Deep Inferior Epigastric Artery Perforator Flap Breast Reconstruction: A Multicenter Study. <i>Journal of Reconstructive Microsurgery</i> , 2020, 36, 694-702.   | 1.0 | 27        |
| 53 | High-Resolution Ultrasound-Guided Perforator Mapping and Characterization by the Microsurgeon in Lower Limb Reconstruction. <i>Journal of Reconstructive Microsurgery</i> , 2021, 37, 075-082.  | 1.0 | 26        |
| 54 | Dexamethasone-related osteogenic differentiation of dental follicle cells depends on ZBTB16 but not Runx2. <i>Cell and Tissue Research</i> , 2014, 357, 695-705.  | 1.5 | 25        |

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|----|--|-----|-----------|
| 55 | Gigantomasty: Treatment with a Short Vertical Scar. <i>Aesthetic Plastic Surgery</i> , 2008, 32, 41-47.  | 0.5 | 24        |
| 56 | Evaluation of the vascular integrity of free flaps based on microcirculation imaging techniques. <i>Clinical Hemorheology and Microcirculation</i> , 2008, 39, 253-263.  | 0.9 | 24        |
| 57 | Simple, fast and reliable perfusion monitoring of microvascular flaps. <i>Clinical Hemorheology and Microcirculation</i> , 2012, 50, 13-24.  | 0.9 | 24        |
| 58 | Collagen Type I Conduits for the Regeneration of Nerve Defects. <i>Materials</i> , 2016, 9, 219.   | 1.3 | 24        |
| 59 | New perfusion imaging of tissue transplants with Contrast Harmonic Ultrasound Imaging (CHI) and Magnetic Resonance Imaging (MRI) in comparison with laser-induced Indocyanine Green (ICG) fluorescence angiography. <i>Clinical Hemorheology and Microcirculation</i> , 2009, 43, 19-33. | 0.9 | 23        |
| 60 | Pre-surgical evaluation of ICA-stenosis using 3D power Doppler, 3D color coded Doppler sonography, 3D B-flow and contrast enhanced B-flow in correlation to CTA/MRA: First clinical results. <i>Clinical Hemorheology and Microcirculation</i> , 2009, 41, 103-116.                      | 0.9 | 23        |
| 61 | Outcome After Complex Trauma of the Foot. <i>Journal of Trauma</i> , 2011, 70, 159-168.  | 2.3 | 23        |
| 62 | Postoperative Monitoring of Local and Free Flaps with Contrast-Enhanced Ultrasound (CEUS) – Analysis of 112 Patients. <i>Ultraschall in Der Medizin</i> , 2013, 34, 550-558.   | 0.8 | 23        |
| 63 | Semiquantitative measurements of capsular contracture with elastography - First results in correlation to Baker Score. <i>Clinical Hemorheology and Microcirculation</i> , 2014, 58, 521-528.  | 0.9 | 23        |
| 64 | The “Jaguar”™s Eye – as a New Beauty Trend? Age-Related Effects in Judging the Attractiveness of the Oblique Eye Axis. <i>Aesthetic Plastic Surgery</i> , 2008, 32, 915-919.   | 0.5 | 22        |
| 65 | Males Prefer a Larger Bust Size in Women Than Females Themselves: An Experimental Study on Female Bodily Attractiveness with Varying Weight, Bust Size, Waist Width, Hip Width, and Leg Length Independently. <i>Aesthetic Plastic Surgery</i> , 2011, 35, 693-702.                      | 0.5 | 22        |
| 66 | Contrast enhanced ultrasound (CEUS) and time intensity curve (TIC) analysis in compartment syndrome: First results. <i>Clinical Hemorheology and Microcirculation</i> , 2012, 50, 1-11.  | 0.9 | 21        |
| 67 | High resolution contrast-enhanced ultrasound and 3-tesla dynamic contrast-enhanced magnetic resonance imaging for the preoperative characterization of cervical lymph nodes: First results. <i>Clinical Hemorheology and Microcirculation</i> , 2012, 52, 153-166.                       | 0.9 | 21        |
| 68 | Evidence-based topical management of chronic wounds according to the T.I.M.E. principle. <i>JDDG - Journal of the German Society of Dermatology</i> , 2013, 11, 819-829.   | 0.4 | 21        |
| 69 | The effect of leukocyte-reduced platelet-rich plasma on the proliferation of autologous adipose-tissue derived mesenchymal stem cells. <i>Clinical Hemorheology and Microcirculation</i> , 2016, 61, 599-614.  | 0.9 | 21        |
| 70 | A Proposal for Updated Standards of Photographic Documentation in Aesthetic Medicine. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2017, 5, e1389.  | 0.3 | 21        |
| 71 | The nerve supply of zygomaticus major: Variability and distinguishing zygomatic from buccal facial nerve branches. <i>Clinical Anatomy</i> , 2018, 31, 560-565.  | 1.5 | 21        |
| 72 | Vasopressor support vs. liberal fluid administration in deep inferior epigastric perforator (DIEP) free flap breast reconstruction – a randomized controlled trial. <i>Clinical Hemorheology and Microcirculation</i> , 2018, 69, 37-44.   | 0.9 | 21        |

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|----|--|-----|-----------|
| 73 | Anatomical study of the zygomatic and buccal branches of the facial nerve: Application to facial reanimation procedures. <i>Clinical Anatomy</i> , 2019, 32, 480-488.  | 1.5 | 21        |
| 74 | Evaluation of hyperbaric oxygen therapy for free flaps using planar optical oxygen sensors. Preliminary results. <i>Clinical Hemorheology and Microcirculation</i> , 2011, 48, 75-79.  | 0.9 | 20        |
| 75 | Impact of Platelet-Rich Plasma on Viability and Proliferation in Wound Healing Processes after External Radiation. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1819.  | 1.8 | 20        |
| 76 | Multiple Symmetric Lipomatosis: New Classification System Based on the Largest German Patient Cohort. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2018, 6, e1722.  | 0.3 | 20        |
| 77 | Female eye attractiveness – Where beauty meets science. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2019, 47, 73-79.   | 0.7 | 20        |
| 78 | Osteo-fasciocutaneous parascapular flap transfer for reconstruction of the first ray of the foot. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2008, 128, 857-863.  | 1.3 | 19        |
| 79 | Wound Microenvironment Sequesters Adipose-Derived Stem Cells in a Murine Model of Reconstructive Surgery in the Setting of Concurrent Distant Malignancy. <i>Plastic and Reconstructive Surgery</i> , 2011, 127, 1467-1477.  | 0.7 | 19        |
| 80 | Platelet-rich plasma stimulates dermal microvascular endothelial cells and adipose derived stem cells after external radiation. <i>Clinical Hemorheology and Microcirculation</i> , 2015, 61, 279-290.   | 0.9 | 19        |
| 81 | Transcription Profile in Sporadic Multiple Symmetric Lipomatosis Reveals Differential Expression at the Level of Adipose Tissue-Derived Stem Cells. <i>Plastic and Reconstructive Surgery</i> , 2016, 137, 1181-1190.  | 0.7 | 19        |
| 82 | Laser speckle contrast analysis (LASCA) technology for the semiquantitative measurement of angiogenesis in in-ovo-tumor-model. <i>Microvascular Research</i> , 2021, 133, 104072.  | 1.1 | 19        |
| 83 | Transcutaneous pO <sub>2</sub> measurement during tourniquet-induced venous occlusion using dynamic phosphorescence imaging. <i>Clinical Hemorheology and Microcirculation</i> , 2008, 40, 249-258.  | 0.9 | 18        |
| 84 | Adipose Tissue-Derived Stem Cell Secreted IGF-1 Protects Myoblasts from the Negative Effect of Myostatin. <i>BioMed Research International</i> , 2014, 2014, 1-9.  | 0.9 | 18        |
| 85 | Assessment of DIEP Flap Perfusion with Intraoperative Indocyanine Green Fluorescence Imaging in Vasopressor-Dominated Hemodynamic Support Versus Liberal Fluid Administration: A Randomized Controlled Trial With Breast Cancer Patients. <i>Annals of Surgical Oncology</i> , 2020, 27, 399-406.            | 0.7 | 18        |
| 86 | Post-operative monitoring of tissue transfers: Advantages using contrast enhanced ultrasound (CEUS) and contrast enhanced MRI (ceMRI) with dynamic perfusion analysis?. <i>Clinical Hemorheology and Microcirculation</i> , 2011, 48, 105-117.   | 0.9 | 17        |
| 87 | Comparison of time-intensity-curve- (TIC-) analysis of contrast-enhanced ultrasound (CEUS) and dynamic contrast-enhanced (DCE) MRI for postoperative control of microcirculation in free flaps – First results and critical comments. <i>Clinical Hemorheology and Microcirculation</i> , 2011, 48, 187-198. | 0.9 | 17        |
| 88 | Quantitative Assessment of Bone Microvascularization After Osteocutaneous Flap Transplantation Using Contrast-Enhanced Ultrasound (CEUS). <i>Ultraschall in Der Medizin</i> , 2013, 34, 272-279.   | 0.8 | 17        |
| 89 | Effectiveness of antibacterial copper additives in silicone implants. <i>Journal of Biomaterials Applications</i> , 2013, 28, 187-198.   | 1.2 | 17        |
| 90 | Facial Rejuvenation with Concentrated Lipograft – A 12 Month Follow-Up Study. <i>Cells</i> , 2021, 10, 594.  | 1.8 | 17        |

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|-----|---|-----|-----------|
| 91  | Functional Donor-Site Morbidity Following (Osteo-) Fasciocutaneous Parascapular Flap Transfer. <i>Annals of Plastic Surgery</i> , 2007, 59, 410-414.  | 0.5 | 16        |
| 92  | Improvements in high resolution ultrasound for postoperative investigation of capillary microperfusion after free tissue transfer. <i>Clinical Hemorheology and Microcirculation</i> , 2009, 43, 35-49.   | 0.9 | 16        |
| 93  | Clinical Outcome and Quality of Life after Upper Extremity Arterial Trauma. <i>Annals of Vascular Surgery</i> , 2009, 23, 317-323.  | 0.4 | 16        |
| 94  | TTP (time to PEAK) and RBV (regional blood volume) as valuable parameters to detect early flap failure. <i>Clinical Hemorheology and Microcirculation</i> , 2011, 48, 81-94.  | 0.9 | 16        |
| 95  | Temperature Profile of Radiofrequency Probe Application in Wrist Arthroscopy: Monopolar Versus Bipolar. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2013, 29, 645-652.   | 1.3 | 16        |
| 96  | Effect of iodinated contrast media on renal perfusion: A randomized comparison study in pigs using quantitative contrast-enhanced ultrasound (CEUS). <i>Scientific Reports</i> , 2017, 7, 13125.  | 1.6 | 16        |
| 97  | Vascular malformations of upper and lower extremity – from radiological interventional therapy to surgical soft tissue reconstruction – an interdisciplinary treatment. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 67, 355-372.                      | 0.9 | 16        |
| 98  | Rapid and Precise Semi-Automatic Axon Quantification in Human Peripheral Nerves. <i>Scientific Reports</i> , 2020, 10, 1935.  | 1.6 | 16        |
| 99  | The treatment of dislocated humeral head fractures with a new proximal intramedullary nail system. <i>International Orthopaedics</i> , 2008, 32, 759-765.   | 0.9 | 15        |
| 100 | Evaluation of microcirculation of free flaps of the lower leg by contrast harmonic imaging (CHI) with time intensity curve (TIC) analysis. <i>Clinical Hemorheology and Microcirculation</i> , 2008, 39, 343-350.   | 0.9 | 15        |
| 101 | The effects of copper additives on the quantity and cell viability of adherent <i>Staphylococcus epidermidis</i> in silicone implants. <i>Biofouling</i> , 2010, 26, 359-365.   | 0.8 | 15        |
| 102 | Leukocyte-Reduced Platelet-Rich Plasma Alters Protein Expression of Adipose Tissue-Derived Mesenchymal Stem Cells. <i>Plastic and Reconstructive Surgery</i> , 2016, 138, 397-408.  | 0.7 | 15        |
| 103 | Contrast enhanced ultrasound (CEUS) – an unique monitoring technique to assess microvascularization after buried flap transplantation. <i>Clinical Hemorheology and Microcirculation</i> , 2016, 62, 205-214.   | 0.9 | 15        |
| 104 | Postoperative control of functional muscle flaps for facial palsy reconstruction: Ultrasound guided tissue monitoring using contrast enhanced ultrasound (CEUS) and ultrasound elastography. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 67, 435-444. | 0.9 | 15        |
| 105 | Influence of Ultrasound Microbubbles on kidney oxygen tension. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 67, 211-214.   | 0.9 | 15        |
| 106 | Overall Complication Rates of DIEP Flap Breast Reconstructions in Germany – A Multi-Center Analysis Based on the DGPRÄ,C Prospective National Online Registry for Microsurgical Breast Reconstructions. <i>Journal of Clinical Medicine</i> , 2021, 10, 1016.       | 1.0 | 15        |
| 107 | Flow Cytometric Analysis of Peripheral Blood Lymphocyte Subsets in Patients with Silicone Breast Implants. <i>Plastic and Reconstructive Surgery</i> , 2008, 121, 25-30.  | 0.7 | 14        |
| 108 | Effects of different concentrations of Platelet-rich Plasma and Platelet-Poor Plasma on vitality and differentiation of autologous Adipose tissue-derived stem cells. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 66, 47-55.                          | 0.9 | 14        |

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|-----|---|-----|-----------|
| 109 | Microsurgical Reconstruction of the Plantar Foot: Long-Term Functional Outcomes and Quality of Life. <i>Journal of Reconstructive Microsurgery</i> , 2019, 35, 379-388.   | 1.0 | 14        |
| 110 | First experience of chick chorioallantoic membrane (CAM) assay in the clinical work flow with oral squamous cell carcinoma patients. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 70, 487-494.   | 0.9 | 14        |
| 111 | Extended analysis of intratumoral heterogeneity of primary osteosarcoma tissue using 3D-in-vivo-tumor-model. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 76, 133-141.   | 0.9 | 14        |
| 112 | Shear Force Processing of Lipoaspirates for Stem Cell Enrichment Does Not Affect Secretome of Human Cells Detected by Mass Spectrometry In Vitro. <i>Plastic and Reconstructive Surgery</i> , 2020, 146, 749e-758e.   | 0.7 | 14        |
| 113 | Assessment of bone microcirculation by contrast-enhanced ultrasound (CEUS) and [18F]-positron emission tomography/computed tomography in free osseous and osseocutaneous flaps for mandibular reconstruction: Preliminary results. <i>Clinical Hemorheology and Microcirculation</i> , 2011, 49, 115-128. | 0.9 | 13        |
| 114 | Successful treatment of a refractory skin ulcer in chronic cutaneous GvHD after allogeneic HSCT with split-thickness skin allografting from the stem cell donor. <i>Bone Marrow Transplantation</i> , 2012, 47, 1368-1369.  | 1.3 | 13        |
| 115 | Capsular fibrosis in aesthetic and reconstructive-cancer patients: A retrospective analysis of 319 cases. <i>Clinical Hemorheology and Microcirculation</i> , 2018, 70, 191-200.  | 0.9 | 13        |
| 116 | Feasibility study of preoperative microvessel evaluation and characterization in perforator flaps using various modes of color-coded duplex sonography (CCDS). <i>Microsurgery</i> , 2020, 40, 750-759.   | 0.6 | 13        |
| 117 | Recurrence of Isolated Unilateral Temporalis Muscle Hypertrophy: Case Report. <i>Aesthetic Plastic Surgery</i> , 2005, 29, 574-575.   | 0.5 | 12        |
| 118 | Postoperative assessment of free skin flap viability by transcutaneous pO <sub>2</sub> measurement using dynamic phosphorescence imaging. <i>Clinical Hemorheology and Microcirculation</i> , 2009, 43, 11-18.  | 0.9 | 12        |
| 119 | Pressure monitoring during lipofilling procedures. <i>Clinical Hemorheology and Microcirculation</i> , 2014, 58, 9-17.  | 0.9 | 12        |
| 120 | Differential Effects of Coating Materials on Viability and Migration of Schwann Cells. <i>Materials</i> , 2016, 9, 150.   | 1.3 | 12        |
| 121 | Autologous fat grafting for breast reconstruction after breast cancer: a 12-year experience. <i>Archives of Gynecology and Obstetrics</i> , 2022, 305, 921-927.   | 0.8 | 12        |
| 122 | Hypoxic downregulation of cellular proliferation and loss of phenotype stability in human osteoblasts is mediated by HIF-1 $\alpha$ . <i>Clinical Hemorheology and Microcirculation</i> , 2011, 49, 279-286.  | 0.9 | 11        |
| 123 | Limitation of in vivo models investigating angiogenesis in breast cancer. <i>Clinical Hemorheology and Microcirculation</i> , 2011, 49, 519-526.  | 0.9 | 11        |
| 124 | Angiogenesis and healing with non-shrinking, fast degradable PLGA/CaP scaffolds in critical-sized defects in the rabbit femur with or without osteogenically induced mesenchymal stem cells. <i>Clinical Hemorheology and Microcirculation</i> , 2011, 48, 29-40.   | 0.9 | 11        |
| 125 | Recommendations for contrast enhanced ultrasound (CEUS) in free tissue transplant monitoring. <i>Clinical Hemorheology and Microcirculation</i> , 2015, 61, 359-365.  | 0.9 | 11        |
| 126 | Value of different ultrasound elastography techniques in patients with venous malformations prior to and after sclerotherapy. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 66, 347-355.  | 0.9 | 11        |



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|-----|--|-----|-----------|
| 127 | Oxygen levels during negative pressure wound therapy. <i>Journal of Tissue Viability</i> , 2019, 28, 223-226.  | 0.9 | 11        |
| 128 | Extracorporeal Perfusion for Salvage of Major Amputates. <i>Annals of Surgery</i> , 2019, 270, e5-e6.  | 2.1 | 11        |
| 129 | Diagnostic performance of ultrasound strain elastography for differentiation of malignant breast lesions. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 71, 237-247.   | 0.9 | 11        |
| 130 | Pressure distribution and flow characteristics during negative pressure wound therapy. <i>Journal of Tissue Viability</i> , 2020, 29, 32-36.   | 0.9 | 11        |
| 131 | A Novel Method of Outcome Assessment in Breast Reconstruction Surgery: Comparison of Autologous and Alloplastic Techniques Using Three-Dimensional Surface Imaging. <i>Aesthetic Plastic Surgery</i> , 2020, 44, 1980-1987.                            | 0.5 | 11        |
| 132 | Clinical Impact of DIEP Flap Perforator Characteristics – A Prospective Indocyanine Green Fluorescence Imaging Study. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2020, 73, 1526-1533.   | 0.5 | 11        |
| 133 | Adipose Tissue-Derived Stem Cell Yield Depends on Isolation Protocol and Cell Counting Method. <i>Cells</i> , 2021, 10, 1113.  | 1.8 | 11        |
| 134 | Contrast Media Extravasation in CT and MRI – A Literature Review – and Strategies for Therapy. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2019, 191, 25-32.  | 0.7 | 11        |
| 135 | Modification of the second stage of auricular elevation in Nagata's technique for treating microtia. <i>Scandinavian Journal of Plastic and Reconstructive Surgery and Hand Surgery</i> , 2007, 41, 109-113.   | 0.6 | 10        |
| 136 | The use of – fasciocutaneous – and – osteofasciocutaneous – parascapular flaps for lower limb reconstruction: a retrospective study of 20 patients. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2009, 62, 973-980.               | 0.5 | 10        |
| 137 | Osteocutaneous free flaps: A critical analysis of quantitative evaluation of bone microcirculation with contrast-enhanced high resolution ultrasound (hrCEUS) and TIC analysis. <i>Clinical Hemorheology and Microcirculation</i> , 2011, 49, 251-259. | 0.9 | 10        |
| 138 | Sonoelastography Can Be Used to Monitor the Restoration of Achilles Tendon Elasticity after Injury. <i>Ultraschall in Der Medizin</i> , 2012, 33, 581-586.   | 0.8 | 10        |
| 139 | Contrast-enhanced ultrasonography as a new method for assessing autonomization of pedicled and microvascular free flaps in head and neck reconstructive surgery. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 65, 317-325.                | 0.9 | 10        |
| 140 | Effect of radiographic contrast media on renal perfusion – First results. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 64, 287-295.   | 0.9 | 10        |
| 141 | Breast sensitivity after mastectomy and autologous reconstruction. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 67, 459-465.  | 0.9 | 10        |
| 142 | Significance of the Marginal Mandibular Branch in Relation to Facial Palsy Reconstruction. <i>Annals of Plastic Surgery</i> , 2019, 83, e43-e49.   | 0.5 | 10        |
| 143 | Adipose Tissue in Multiple Symmetric Lipomatosis Shows Features of Brown/Beige Fat. <i>Aesthetic Plastic Surgery</i> , 2020, 44, 855-861.  | 0.5 | 10        |
| 144 | NAM – help or burden? Intercultural evaluation of parental stress caused by nasoalveolar molding: a retrospective multi-center study. <i>Clinical Oral Investigations</i> , 2021, 25, 5421-5430.   | 1.4 | 10        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 145 | Semi-automated extraction and characterization of Stromal Vascular Fraction using a new medical device. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 64, 403-412.  | 0.9 | 9         |
| 146 | Perfusion maintains functional potential in denervated mimic muscles in early persistent facial paralysis which requires early microsurgical treatment – the histoanatomic basis of the extratemporal facial nerve trunk assessing axonal load in the context of possible nerve transfers1. <i>Clinical Hemorheology and Microcirculation</i> , 2018, 70, 1-13. | 0.9 | 9         |
| 147 | Factors affecting outcomes after supermicrosurgical lymphovenous anastomosis in a defined patient population. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 73, 53-63.  | 0.9 | 9         |
| 148 | Calcyphosine-like (CAPSL) is regulated in Multiple Symmetric Lipomatosis and is involved in Adipogenesis. <i>Scientific Reports</i> , 2019, 9, 8444.  | 1.6 | 9         |
| 149 | Comparison of venous couplers versus hand-sewn technique in 4577 cases of DIEP flap breast reconstructions – A multicenter study. <i>Microsurgery</i> , 2020, , .   | 0.6 | 9         |
| 150 | 3D monitoring of tumor volume in an in vivo model. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 76, 123-131.   | 0.9 | 9         |
| 151 | Enhanced Resorption of Liposomal Packed Vitamin C Monitored by Ultrasound. <i>Journal of Clinical Medicine</i> , 2020, 9, 1616.   | 1.0 | 9         |
| 152 | Recommendations for the Use of Antibiotics in Primary and Secondary Esthetic Breast Surgery. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2020, 8, e2590.  | 0.3 | 9         |
| 153 | Effect of Radiation Therapy on Microsurgical Deep Inferior Epigastric Perforator Flap Breast Reconstructions. <i>Annals of Plastic Surgery</i> , 2021, 86, 627-631.   | 0.5 | 9         |
| 154 | Arthroplasty of the lunate using bone marrow mesenchymal stromal cells. <i>International Orthopaedics</i> , 2011, 35, 379-387.  | 0.9 | 8         |
| 155 | Mandibular reconstruction with microvascular re-anastomosed fibular free flaps – Two complementary methods of postoperative transplant monitoring. <i>Clinical Hemorheology and Microcirculation</i> , 2012, 52, 141-151.   | 0.9 | 8         |
| 156 | Presentation of a variation of the chorioallantoic membrane set up as a potential model for individual therapy for squamous cell carcinoma of the oropharynx. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 67, 453-457.  | 0.9 | 8         |
| 157 | Video Tutorial for Clinical Flap-Monitoring in Plastic Surgery. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2017, 5, e1478.   | 0.3 | 8         |
| 158 | Using High-Resolution Ultrasound to Assess Post-Facial Paralysis Synkinesis – Machine Settings and Technical Aspects for Facial Surgeons. <i>Diagnostics</i> , 2022, 12, 1650.  | 1.3 | 8         |
| 159 | The Oncofetal Gene Survivin Promotes Cell Proliferation and Survival in Primary Human Osteoblastic Cells. <i>Calcified Tissue International</i> , 2011, 89, 211-220.  | 1.5 | 7         |
| 160 | Successful treatment of nonunion in severe finger injury with low-intensity pulsed ultrasound (LIPUS): a case report. <i>Journal of Medical Case Reports</i> , 2012, 6, 209.  | 0.4 | 7         |
| 161 | Extracorporeal shock wave treatment of capsular fibrosis after mammary augmentation – Preliminary results. <i>Journal of Cosmetic and Laser Therapy</i> , 2013, 15, 330-333.  | 0.3 | 7         |
| 162 | Ultrasound analyses, anatomical considerations, and clinical experience with the peroneus brevis muscle flap. <i>Annals of Anatomy</i> , 2013, 195, 183-188.  | 1.0 | 7         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 163 | Breast implants and possible association with ALCL: A retrospective study including a histological analysis of 296 explanted breast tissues and current literature. <i>Clinical Hemorheology and Microcirculation</i> , 2016, 63, 439-449.                              | 0.9 | 7         |
| 164 | The spreaded gracilis flap revisited: Comparing outcomes in lower limb reconstruction. <i>Microsurgery</i> , 2017, 37, 873-880.   | 0.6 | 7         |
| 165 | New reconstruction for bone integration of non-vascularized autogenous bone graft with better bony union and revascularisation. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2017, 137, 1451-1465.   | 1.3 | 7         |
| 166 | Circulating serum CK level vs. muscle impairment for in situ monitoring burden of disease in mdx-mice. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 65, 327-334.   | 0.9 | 7         |
| 167 | Adipose tissue-derived stem cells from affected and unaffected areas in patients with multiple symmetric lipomatosis show differential regulation of mTOR pathway genes. <i>Clinical Hemorheology and Microcirculation</i> , 2018, 69, 141-151.                         | 0.9 | 7         |
| 168 | Augmented reality of indocyanine green fluorescence in simplified lymphovenous anastomosis in lymphatic surgery. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 73, 125-133.   | 0.9 | 7         |
| 169 | Replantation of a circumferentially degloved thumb in an occupational crush injury – A case report and review of the literature. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 71, 403-414.   | 0.9 | 7         |
| 170 | New aspects in digital breast assessment: further refinement of a method for automated digital anthropometry. <i>Archives of Gynecology and Obstetrics</i> , 2021, 303, 721-728.  | 0.8 | 7         |
| 171 | The LRINEC Score – An Indicator for the Course and Prognosis of Necrotizing Fasciitis?. <i>Journal of Clinical Medicine</i> , 2022, 11, 3583.   | 1.0 | 7         |
| 172 | Dynamic contrast-enhanced MRI as a valuable non-invasive tool to evaluate tissue perfusion of free flaps: Preliminary results. <i>Clinical Hemorheology and Microcirculation</i> , 2010, 46, 77-87.   | 0.9 | 6         |
| 173 | Postoperative evaluation of microvascularization in mandibular reconstructions with microvascular flaps – First results with a new perfusion software for contrast-enhanced sonography (CEUS). <i>Clinical Hemorheology and Microcirculation</i> , 2012, 52, 187-196.   | 0.9 | 6         |
| 174 | Migration of human dental follicle cells <i>in vitro</i> . <i>Journal of Periodontal Research</i> , 2014, 49, 205-212.  | 1.4 | 6         |
| 175 | Quantitative Assessment of Free Flap Viability with CEUS Using an Integrated Perfusion Software. <i>Handchirurgie Mikrochirurgie Plastische Chirurgie</i> , 2015, 47, 389-395.  | 0.2 | 6         |
| 176 | Long-term results after modified Epping procedure for trapeziometacarpal osteoarthritis. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2015, 135, 1475-1484.  | 1.3 | 6         |
| 177 | Imaging of idle breast implants with ultrasound-strain elastography – A first experimental study to establish criteria for accurate imaging of idle implants via ultrasound-strain elastography. <i>Clinical Hemorheology and Microcirculation</i> , 2016, 61, 645-656. | 0.9 | 6         |
| 178 | Leukocyte-reduced platelet-rich plasma stimulates the <i>in vitro</i> proliferation of adipose-tissue derived mesenchymal stem cells depending on PDGF signaling. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 67, 183-196.                                | 0.9 | 6         |
| 179 | Extracorporeal perfusion – reduced to a one-way infusion. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 79, 1-11.   | 0.9 | 6         |
| 180 | Subcellular localization of the chemotherapeutic agent doxorubicin in renal epithelial cells and in tumor cells using correlative light and electron microscopy. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 73, 157-167.                                 | 0.9 | 6         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 181 | Impact of intraoperative use of vasopressors in lower extremity reconstruction: Single centre analysis of 437 free gracilis muscle and fasciocutaneous anterolateral thigh flaps. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 71, 193-201.                             | 0.9 | 6         |
| 182 | An Analysis of Aesthetic Refinements in 120 Secondary Cleft Rhinoplasties. <i>Annals of Plastic Surgery</i> , 2019, 83, 429-435.   | 0.5 | 6         |
| 183 | Imaging of breast implant and implant-associated complications: Capsular contracture and intra- or extracapsular rupture. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 76, 221-231.   | 0.9 | 6         |
| 184 | Effect of HBO therapy on adipose-derived stem cells, fibroblasts and co-cultures: In vitro study of oxidative stress, angiogenic potential and production of pro-inflammatory growth factors in co-cultures1. <i>Clinical Hemorheology and Microcirculation</i> , 2021, 76, 459-471. | 0.9 | 6         |
| 185 | Ultrasound elastography for the detection of capsular fibrosis in breast implants: First results. <i>Clinical Hemorheology and Microcirculation</i> , 2021, 77, 247-257.   | 0.9 | 6         |
| 186 | Local Triamcinolone Treatment Affects Inflammatory Response in Seroma Exudate of Abdominoplasty Patients: A Randomized Controlled Trial. <i>Plastic and Reconstructive Surgery</i> , 2021, 147, 345-354.   | 0.7 | 6         |
| 187 | Do-It-Yourself Preoperative High-Resolution Ultrasound-Guided Flap Design of the Superficial Circumflex Iliac Artery Perforator Flap (SCIP). <i>Journal of Clinical Medicine</i> , 2021, 10, 2427.   | 1.0 | 6         |
| 188 | Evaluation of Free Flap Perfusion with Dynamic Contrast-Enhanced Magnetic Resonance Imaging. <i>Plastic and Reconstructive Surgery</i> , 2010, 126, 100e-101e.   | 0.7 | 5         |
| 189 | A Novel Antibacterial Silicone Implant Material with Short- and Long-Term Release of Copper Ions. <i>Plastic and Reconstructive Surgery</i> , 2010, 125, 78e-80e.  | 0.7 | 5         |
| 190 | Successful Reconstruction of Sternum With a Scapular Autograft Segment: 5-Year Follow-Up. <i>Annals of Thoracic Surgery</i> , 2011, 92, 1889-1891.   | 0.7 | 5         |
| 191 | A novel indication for indocyanine green (ICG): Intraoperative monitoring of limb and sciatic nerve perfusion during rotationplasty for sarcoma patients. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 70, 441-447.   | 0.9 | 5         |
| 192 | Interaction between extracellular cancer matrix and stromal breast cells. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 74, 45-52.   | 0.9 | 5         |
| 193 | Occult Pathologic Findings in Reduction Mammoplasty in 5781 Patients—An International Multicenter Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 2223.  | 1.0 | 5         |
| 194 | Video Tutorial for Indocyanine Green Lymphography in Lymphatic Surgery. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2020, 8, e2609.  | 0.3 | 5         |
| 195 | Incidence of Anaplastic Large Cell Lymphoma and Breast-Implant-Associated Lymphoma—An Analysis of a Certified Tumor Registry over 17 Years. <i>Journal of Clinical Medicine</i> , 2020, 9, 1247.   | 1.0 | 5         |
| 196 | Microanatomy of the Frontal Branch of the Facial Nerve: The Role of Nerve Caliber and Axonal Capacity. <i>Plastic and Reconstructive Surgery</i> , 2021, 148, 1357-1365.   | 0.7 | 5         |
| 197 | Luminescence ratiometric oxygen imaging (LROI) in microvascular anastomosed fibular and radial forearm flaps. <i>Clinical Hemorheology and Microcirculation</i> , 2013, 55, 169-182.   | 0.9 | 4         |
| 198 | Perfusion control of a partial revascularized hand via application of Indocyanine green (ICG) and Near-infrared Fluorescence Imaging. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 67, 215-219.   | 0.9 | 4         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 199 | Divisive influence of interleukin-1 receptor antagonist polymorphisms in melanoma patients. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 67, 319-326.   | 0.9 | 4         |
| 200 | The ideal ear position in Caucasian females. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2018, 46, 485-491.  | 0.7 | 4         |
| 201 | The lateral arm flap for reconstruction of tissue defects due to olecranon bursitis. <i>Journal of Plastic Surgery and Hand Surgery</i> , 2018, 52, 347-351.   | 0.4 | 4         |
| 202 | The influence of pulsed electromagnetic field therapy (PEMFT) on cutaneous blood flow in healthy volunteers. <i>Clinical Hemorheology and Microcirculation</i> , 2021, 76, 495-501.  | 0.9 | 4         |
| 203 | Analysis of Rinsing Fluid during Negative Pressure Wound Therapy with Instillation: A Potential Monitoring Tool in Acute and Chronic Wound Treatment. A Pilot Study. <i>Cells</i> , 2021, 10, 732.   | 1.8 | 4         |
| 204 | Effects of electrostimulation therapy in facial nerve palsy. <i>Archives of Plastic Surgery</i> , 2021, 48, 278-281.   | 0.4 | 4         |
| 205 | Quality of life evaluation and lack of correlation with volumetric results after lymphovenous anastomoses in lymphedema therapy of the lower extremity. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2022, 10, 436-444.e1.                             | 0.9 | 4         |
| 206 | Surgery of congenital breast asymmetry which objective parameter influences the subjective satisfaction with long-term results. <i>Archives of Gynecology and Obstetrics</i> , 2022, 305, 95-102.  | 0.8 | 4         |
| 207 | Technical Aspects of High-Resolution Color-Coded Duplex Sonography for the Design of Perforator Flaps. <i>Journal of Reconstructive Microsurgery</i> , 2022, 38, 181-192.  | 1.0 | 4         |
| 208 | A New Method to Quantify the Effect After Subcutaneous Injection of Lipolytic Substances. <i>Aesthetic Plastic Surgery</i> , 2008, 32, 667-672.  | 0.5 | 3         |
| 209 | Midterm results after modified Epping procedure for trapeziometacarpal osteoarthritis. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2013, 133, 1163-1171.   | 1.3 | 3         |
| 210 | Prefabrication and free transfer of a tissue engineered composite flap – An experimental model in the rat. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 64, 319-331.  | 0.9 | 3         |
| 211 | Functional Deficits in the Wrist and Finger Joints of Goalkeepers After 20 Years of Playing Recreational Football. <i>Sportverletzung-Sportschaden</i> , 2019, 33, 142-148.  | 0.6 | 3         |
| 212 | Reconstruction of chronic scapholunate dissociation with the modified scapholunate axis method (SLAM). <i>Archives of Orthopaedic and Trauma Surgery</i> , 2019, 139, 1641-1647.   | 1.3 | 3         |
| 213 | Allogeneic donor split skin grafts for treatment of refractory ulcers in cutaneous chronic graft-versus-host disease after allogeneic hematopoietic stem cell transplantation – a retrospective analysis on seven patients. <i>Annals of Hematology</i> , 2019, 98, 1867-1875. | 0.8 | 3         |
| 214 | 50 Shades of Red: The Predictive Value of Closed Suction Drains for the Detection of Postoperative Bleeding in Breast Surgery. <i>Aesthetic Plastic Surgery</i> , 2019, 43, 608-615.   | 0.5 | 3         |
| 215 | Tissue Viability of Free Flaps after Extracorporeal Perfusion Using a Modified Hydroxyethyl Starch Solution. <i>Journal of Clinical Medicine</i> , 2020, 9, 3929.  | 1.0 | 3         |
| 216 | Development of a Patient-Based Goniometric System for the Assessment of Contracture Conditions in Dupuytren's Disease. <i>Plastic and Reconstructive Surgery</i> , 2020, 146, 565-571.   | 0.7 | 3         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 217 | Histological and SEM Assessment of Blood Stasis in Kidney Blood Vessels after Repeated Intra-Arterial Application of Radiographic Contrast Media. <i>Life</i> , 2020, 10, 167.   | 1.1 | 3         |
| 218 | Lipolytic effects of nano particle sized polyenylphosphatidylcholine on adipose tissue: First promising in vitro and in vivo results. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 75, 189-199.                                       | 0.9 | 3         |
| 219 | “Topographic Shift” a new digital approach to evaluating topographic changes of the female breast. <i>Archives of Gynecology and Obstetrics</i> , 2021, 303, 515-520.  | 0.8 | 3         |
| 220 | How to Approach Secondary Breast Reduction: International Trends and a Systematic Review of the Literature. <i>Aesthetic Plastic Surgery</i> , 2021, 45, 2555.   | 0.5 | 3         |
| 221 | Serologic and Histologic Findings in Capsule Contracture Patients with Silicone Gel Implants. , 2009, , 649-654.   |     | 3         |
| 222 | Evidenzbasierte topische Therapie chronischer Wunden nach dem T.I.M.E.-Prinzip. <i>JDDG - Journal of the German Society of Dermatology</i> , 2013, 11, 819-830.  | 0.4 | 2         |
| 223 | Retrograde stapling of a free cervical jejunal interposition graft: a technical innovation and case report. <i>BMC Surgery</i> , 2014, 14, 78.   | 0.6 | 2         |
| 224 | Vascularized transfer of two coherent toe joints in simultaneously reconstructing MCP and PIP of a mutilated finger. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 64, 333-344.  | 0.9 | 2         |
| 225 | Flap design and perfusion are keys of success: Axial fasciocutaneous posterior thigh flaps for deep small pelvic defect reconstruction. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 64, 305-318.                                     | 0.9 | 2         |
| 226 | Transepidermal oxygen flux measurement “ First clinical application for postoperative wound monitoring. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 66, 175-182.   | 0.9 | 2         |
| 227 | Diced Cartilage Rhinoplasty for Cleft Nose Deformities. <i>Annals of Plastic Surgery</i> , 2021, 86, S282-S286.  | 0.5 | 2         |
| 228 | SEM and TEM for identification of capsular fibrosis and cellular behavior around breast implants “ a descriptive analysis. <i>BMC Molecular and Cell Biology</i> , 2021, 22, 25.   | 1.0 | 2         |
| 229 | Improvement of Superficial and Deep Cutaneous Microcirculation Due to Axillary Plexus Anesthesia Impaired by Smoking. <i>Journal of Clinical Medicine</i> , 2021, 10, 2114.  | 1.0 | 2         |
| 230 | Simultaneous Fat Injection for Nasal Contouring in Orthognathic Patients. <i>Cleft Palate-Craniofacial Journal</i> , 2022, 59, 910-917.  | 0.5 | 2         |
| 231 | Monitoring free flaps and replanted digits via perfusion index “ A proof of concept study. <i>Clinical Hemorheology and Microcirculation</i> , 2022, 80, 363-371.  | 0.9 | 2         |
| 232 | Indocyanine Green for Leakage Control in Isolated Limb Perfusion. <i>Journal of Personalized Medicine</i> , 2021, 11, 1152.  | 1.1 | 2         |
| 233 | Is major burn injury associated with coagulopathy? The value of thrombelastometry in the detection of coagulopathy in major burn injury: A prospective observational study. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 76, 299-308. | 0.9 | 2         |
| 234 | Learning the shape of female breasts: an open-access 3D statistical shape model of the female breast built from 110 breast scans. <i>Visual Computer</i> , 0, , 1.   | 2.5 | 2         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 235 | Implants Versus Lipograft: Analysis of Long-Term Results Following Congenital Breast Asymmetry Correction. <i>Aesthetic Plastic Surgery</i> , 2022, 46, 2228-2236.  | 0.5 | 2         |
| 236 | The effect of radiotherapy on fat engraftment for complete breast reconstruction using lipofilling only. <i>Archives of Gynecology and Obstetrics</i> , 2023, 307, 549-555.   | 0.8 | 2         |
| 237 | Cartilage labelling for mechanical testing in T-peel configuration. <i>International Orthopaedics</i> , 2012, 36, 1493-1499.  | 0.9 | 1         |
| 238 | Transepidermal oxygen flux during arterial occlusion using ratiometric luminescence imaging. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 66, 231-238.   | 0.9 | 1         |
| 239 | Impact of platelet-rich plasma on cell migration processes after external radiation. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 73, 43-51.   | 0.9 | 1         |
| 240 | Early fasciotomies and plastic-surgical reconstruction may enhance preservation of functional extremity length in purpura fulminans. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 75, 1-12.  | 0.9 | 1         |
| 241 | Imaging of $pH$ and $pO_2$ gives insight in molecular processes of irradiated cells. <i>Experimental Dermatology</i> , 2019, 28, 628-630.   | 1.4 | 1         |
| 242 | Transcutaneous oxygen measurement using ratiometric fluorescence imaging as a valid method for monitoring free flap transplants. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 73, 113-123.   | 0.9 | 1         |
| 243 | Salvage of both feet after complete resection of large carcinomas and local infection using a new negative pressure wound dressing in combination with intermittent instillation therapy. <i>Journal of Tissue Viability</i> , 2019, 28, 120-123.                 | 0.9 | 1         |
| 244 | The Influence of Pulsed Electromagnetic Field Therapy on Lymphatic Flow During Supermicrosurgery. <i>Lymphatic Research and Biology</i> , 2020, 18, 549-554.  | 0.5 | 1         |
| 245 | Invited Response on: "Comment on: A Novel Method of Outcome Assessment in Breast Reconstruction Surgery: Comparison of Autologous and Alloplastic Techniques Using Three-Dimensional Surface Imaging". <i>Aesthetic Plastic Surgery</i> , 2021, 45, 351-352.      | 0.5 | 1         |
| 246 | Principles of Autologous Fat Grafting: Current Application in Burn Wounds and Scars. , 2020, , 117-124.   |     | 1         |
| 247 | Multiple Symmetric Lipomatosis: A Cross-Sectional Study to Investigate Clinical Features and Patients' Quality of Life. <i>Symmetry</i> , 2021, 13, 1823.   | 1.1 | 1         |
| 248 | Current trends in breast reduction: an international analysis. <i>European Journal of Plastic Surgery</i> , 0, 1.   | 0.3 | 1         |
| 249 | Comparison of skin sensitivity following breast reconstruction with three different techniques: Autologous fat grafting, DIEP flap and expander/implant. <i>Clinical Hemorheology and Microcirculation</i> , 2022, 80, 389-397.                                   | 0.9 | 1         |
| 250 | The perfusion index as a noninvasive method for continuous monitoring of peripheral perfusion: A baseline study to assess the perfusion index in healthy adult volunteers. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2022, 75, 2001-2018. | 0.5 | 1         |
| 251 | Surgery of congenital breast asymmetry-which objective parameter influences the subjective satisfaction with long-term results. <i>Archives of Gynecology and Obstetrics</i> , 2022, 306, 1395-1397.  | 0.8 | 1         |
| 252 | Intraoperative 3D Comparison of Round and Anatomical Breast Implants: Dispelling a Myth. <i>Journal of Clinical Medicine</i> , 2022, 11, 149.   | 1.0 | 1         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 253 | An unusual localization of lipomas: an extremely rare case of two symmetrical perineal lipomas in an adult male patient: a case report. <i>European Journal of Plastic Surgery</i> , 2005, 28, 371-374.           | 0.3 | 0         |
| 254 | ASO Author Reflections: The Silent Force Behind Microsurgery. <i>Annals of Surgical Oncology</i> , 2020, 27, 407-408.   | 0.7 | 0         |
| 255 | Comment on "Extracorporeal Perfusion for Extended Ischemia Time After Major Limb Amputation": <i>Annals of Surgery</i> , 2020, 271, e15.  | 2.1 | 0         |
| 256 | Reduction Scrotoplasty in 100kg Scrotums. <i>Indian Journal of Surgery</i> , 2021, 83, 562-566.   | 0.2 | 0         |
| 257 | Indocyanine (ICG)-Lymphografie in der Lymphchirurgie. , 2021, , 185-197.  |     | 0         |
| 258 | Differentiation and Plasticity of Stem Cells for Tissue Engineering. , 2011, , 113-130.   |     | 0         |
| 259 | Real-Time Tracking of Fusion Between Adipose-Tissue Derived Stem Cells and Myocytes Using A Dual Fluorescent Protein Reporter Vector (pLVX-Puro-HS-CR). <i>Materials and Methods</i> , 0, 4, .                    | 0.0 | 0         |
| 260 | Duration of Immobilization to Be Factored in. <i>Deutsches A&amp;#x0308;rztblatt International</i> , 2015, 112, 486.  | 0.6 | 0         |
| 261 | The favorable donor site in microsurgery: Nerve and vein graft harvest from the dorsum of the foot. <i>Clinical Hemorheology and Microcirculation</i> , 2021, , 1-12.   | 0.9 | 0         |
| 262 | Reply: Local Triamcinolone Treatment Affects Inflammatory Response in Seroma Exudate of Abdominoplasty Patients: A Randomized Controlled Trial. <i>Plastic and Reconstructive Surgery</i> , 2022, 149, 826e-827e. | 0.7 | 0         |
| 263 | "A-PePSI LIght" Assessment Score to Predict Pressure Sore Impaired Healing Late Recurrence, Immobility, Greater Surface, Inhibited Thrombocytes. <i>Plastic and Reconstructive Surgery</i> , 2022, 149, 483-493.  | 0.7 | 0         |