

# Christoph Hirche, Facs

## List of Publications by Year in descending order

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87  
papers

1,224  
citations

430874  
18  
h-index

454955  
30  
g-index

92  
all docs

92  
docs citations

92  
times ranked

1110  
citing authors

#	ARTICLE	IF	CITATIONS
1	Short- and long term hyposmia, hypogeusia, dysphagia and dysphonia after facial burn injury – A prospective matched cohort study. Burns, 2022, , .	1.9	1
2	Inframammary Fold Banking of the Non-Dominant Superficial Epigastric Vein (SIEV) in Unilateral Autologous Breast Reconstruction: A Simple and Helpful Backup Option for Revision Surgery. Surgical Techniques Development, 2022, 11, 47-53.	0.1	0
3	Use of venous couplers in microsurgical lower extremity reconstruction: A systematic review and meta-analysis. Microsurgery, 2021, 41, 50-60.	1.3	7
4	A Structured, Microsurgical Training Curriculum Improves the Outcome in Lower Extremity Reconstruction Free Flap Residency Training: The Ludwigshafen Concept. Journal of Reconstructive Microsurgery, 2021, 37, 492-502.	1.8	6
5	Modulation of Nitric Oxide Bioavailability Attenuates Ischemia-Reperfusion Injury in Type II Diabetes. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2021, 74, 183-191.	1.0	1
6	Negative pressure wound therapy as an accelerator and stabilizer for incorporation of artificial dermal skin substitutes – A retrospective, non-blinded, and non-randomized comparative study. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2021, 74, 357-363.	1.0	18
7	Combined (endo-)vascular intervention and microsurgical lower extremity free flap reconstruction – A propensity score matching analysis in 5386 ACS-NSQIP patients. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2021, 74, 1031-1040.	1.0	9
8	Safety of a Modified Lipoabdominoplasty Technique for Donor-Site Closure in Abdominal-Based Free Flap Breast Reconstruction. Aesthetic Plastic Surgery, 2021, 45, 1431-1440.	0.9	2
9	Lymphatic Tissue Engineering: A Further Step for Successful Lymphedema Treatment. Journal of Reconstructive Microsurgery, 2021, 37, 465-474.	1.8	3
10	Vein Grafting in Microsurgical Lower Extremity Reconstruction: Outcome Analysis of Primary versus Secondary Salvage Procedures. Journal of Reconstructive Microsurgery, 2021, 37, 608-616.	1.8	4
11	The transverse musculocutaneous gracilis flap for autologous breast reconstruction: focus on donor site morbidity. Breast Cancer, 2021, 28, 1273-1282.	2.9	10
12	Implementation and Validation of Free Flaps in Acute and Reconstructive Burn Care. Medicina (Lithuania), 2021, 57, 718.	2.0	2
13	What We Really can Learn From Aviation: Checklist-based Team Time-Out in Conjunction With Interpersonal Competence Training for the Daily Management of a Surgical Department. Surgical Innovation, 2021, 28, 642-646.	0.9	2
14	Lymphovenous anastomoses with three-dimensional digital hybrid visualization: improving ergonomics for supermicrosurgery in lymphedema. Archives of Plastic Surgery, 2021, 48, 427-432.	0.9	5
15	Long-term sequelae of critical illness in sepsis, trauma and burns: A systematic review and meta-analysis. Journal of Trauma and Acute Care Surgery, 2021, 91, 736-747.	2.1	13
16	A meta-analysis evaluating risk factors for compound free flaps for upper extremity defect reconstruction comparing complications and functional outcomes of compound free flaps with and without bone components. Microsurgery, 2021, 41, 688-696.	1.3	1
17	Thermo-mechanical combination injuries - A rare but life-threatening entity. Journal of Burn Care and Research, 2021, , .	0.4	0
18	The status quo of early burn wound excision: Insights from the German burn registry. Burns, 2021, 47, 1259-1264.	1.9	5

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19	Enzymatic Debridement for Burn Wound Care: Interrater Reliability and Impact of Experience in Post-intervention Therapy Decision. <i>Journal of Burn Care and Research</i> , 2021, 42, 953-961.	0.4	11
20	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.	1.4	12
21	Hepatic Functional Pathophysiology and Morphological Damage Following Severe Burns: A Systematic Review and Meta-analysis. <i>Journal of Burn Care and Research</i> , 2021, , .	0.4	1
22	Teaching Microsurgical Breast Reconstructionâ€”A Retrospective Cohort Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 5875.	2.4	1
23	Venous bypass grafts versus arteriovenous loops as recipient vessels for microvascular anastomosis in lower extremity reconstructions: A matchedâ€”pair analysis. <i>Microsurgery</i> , 2020, 40, 12-18.	1.3	9
24	Geriatric Patients with Free Flap Reconstruction: A Comparative Clinical Analysis of 256 Cases. <i>Journal of Reconstructive Microsurgery</i> , 2020, 36, 127-135.	1.8	18
25	Pharmaceutical Preconditioning With Nitric Oxide Synthase and L-Arginine in Ischemic Tissues. <i>Annals of Plastic Surgery</i> , 2020, 84, 705-710.	0.9	2
26	Concepts in Early Reconstruction of the Burned Hand. <i>Annals of Plastic Surgery</i> , 2020, 84, 276-282.	0.9	6
27	Inducible Nitric Oxide Synthase and L-Arginine Optimizes Nitric Oxide Bioavailability in Ischemic Tissues Under Diabetes Mellitus Type 1. <i>Annals of Plastic Surgery</i> , 2020, 84, 106-112.	0.9	1
28	Role, Management, and Outcome of Free Flap Reconstruction for Acute Full-Thickness Burns in Hands. <i>Annals of Plastic Surgery</i> , 2020, 85, 115-121.	0.9	6
29	Negative pressure wound therapy with instillation and dwell time (<sc>NPWTi</sc>â€”d) with V. A. C. <sc>VeraFlo</sc> in traumatic, surgical, and chronic woundsâ€”A helpful tool for decontamination and to prepare successful reconstruction. <i>International Wound Journal</i> , 2020, 17, 1740-1749.	2.9	9
30	A Systematic Review of Learning Curves in Plastic and Reconstructive Surgery Procedures. <i>Annals of Plastic Surgery</i> , 2020, 85, 324-331.	0.9	9
31	The Impact of Indocyanine-Green Fluorescence Angiography on Intraoperative Decision-Making and Postoperative Outcome in Free Flap Surgery. <i>Journal of Reconstructive Microsurgery</i> , 2020, 36, 556-566.	1.8	22
32	Comparative outcome analysis of internal screw fixation and Kirschner wire fixation in the treatment of scaphoid nonunion. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2020, 73, 1675-1682.	1.0	10
33	Radial collateral ligament repair of the thumb: long-term outcomes and predictive factors of postoperative deficits. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2020, 140, 1293-1299.	2.4	1
34	Safety, Pharmacodynamics, and Efficacy of High- Versus Low-Dose Ascorbic Acid in Severely Burned Adults. <i>Journal of Burn Care and Research</i> , 2020, 41, 871-877.	0.4	11
35	Evidence and Trends in Burn Wound Debridement: An Evidence Map. <i>Plastic Surgery</i> , 2020, 28, 232-242.	1.0	9
36	Mechanical ventilation as a surrogate for diagnosing the onset of abdominal compartment syndrome (ACS) in severely burned patients (TIRIFIC-study Part II). <i>Burns</i> , 2020, 46, 1320-1327.	1.9	2

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37	Chimeric thoracodorsal lymph node flap with a perforatorâ€based fasciocutaneous skin island for treatment of lower extremity lymphedema: A case report. <i>Microsurgery</i> , 2020, 40, 792-796.	1.3	1
38	Eschar removal by bromelain based enzymatic debridement (NexobridÂ®) in burns: European consensus guidelines update. <i>Burns</i> , 2020, 46, 782-796.	1.9	84
39	Rodent models of diet-induced type 2 diabetes mellitus: A literature review and selection guide. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2019, 13, 195-200.	3.6	12
40	Impact of diagnostic bronchoscopy in burned adults with suspected inhalation injury. <i>Burns</i> , 2019, 45, 1275-1282.	1.9	12
41	Early hypothermia as risk factor in severely burned patients: A retrospective outcome study. <i>Burns</i> , 2019, 45, 1895-1900.	1.9	22
42	The Influence of Obesity on Treatment and Outcome of Severely Burned Patients. <i>Journal of Burn Care and Research</i> , 2019, 40, 996-1008.	0.4	9
43	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.	1.7	1
44	Feasibility and safety of enzymatic debridement for the prevention of operative escharotomy in circumferential deep burns of the distal upper extremity. <i>Surgery</i> , 2019, 165, 1100-1105.	1.9	26
45	Soft tissue free flap for reconstruction of upper extremities: A metaâ€analysis on outcome and safety. <i>Microsurgery</i> , 2019, 39, 463-475.	1.3	34
46	Continuous Video-Rate Laser Speckle Imaging for Intra- and Postoperative Cutaneous Perfusion Imaging of Free Flaps. <i>Journal of Reconstructive Microsurgery</i> , 2019, 35, 489-498.	1.8	9
47	Fluid Management as a Risk Factor for Intra-abdominal Compartment Syndrome in Burn Patients: A Total Body Surface Areaâ€Independent Multicenter Trial Part I. <i>Journal of Burn Care and Research</i> , 2019, 40, 500-506.	0.4	11
48	Comparison of Fasciocutaneous and Muscle-based Free Flaps for Soft Tissue Reconstruction of the Upper Extremity. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2019, 7, e2543.	0.6	12
49	Lessons Learned From Breast Implant Registries. <i>Annals of Plastic Surgery</i> , 2019, 83, 722-725.	0.9	4
50	One-Stage versus Two-Stage Arteriovenous Loop Reconstructions: An Experience on 103 Cases from a Single Center. <i>Plastic and Reconstructive Surgery</i> , 2019, 143, 912-924.	1.4	40
51	The Collagenase of the Bacterium <i>Clostridium histolyticum</i> in the Treatment of Irradiation-Induced Capsular Contracture. <i>Aesthetic Plastic Surgery</i> , 2019, 43, 836-844.	0.9	10
52	Long-Term Outcome after Successful Lower Extremity Free Flap Salvage. <i>Journal of Reconstructive Microsurgery</i> , 2019, 35, 263-269.	1.8	41
53	Sliding free transverse rectus abdominis myocutaneous flap for closure of a massive abdominal wall defect: A case report. <i>Microsurgery</i> , 2019, 39, 174-177.	1.3	2
54	Free tissue transfer with the free rectus abdominis flap in high-risk patients above 65 years: A retrospective cohort study. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2019, 72, 555-564.	1.0	7

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55	Dosimetric quantification of the incidental irradiation of the â€™ (deep) ano-inguinal lymphatic drainage of anal cancer patients not described in conventional contouring guidelines. Acta Oncologica, 2018, 57, 825-830.	1.8	6
56	Therapeutic options and postoperative wound complications after extremity soft tissue sarcoma resection and postoperative external beam radiotherapy. International Wound Journal, 2018, 15, 148-158.	2.9	24
57	The anterolateral thigh flap with kiss technique for microsurgical reconstruction of oncological scalp defects. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2018, 71, 273-276.	1.0	6
58	Comparison of subâ€ versus suprafascially raised anterolateral thigh free flaps with regard to donorâ€ site morbidity, function and aesthetics. Microsurgery, 2018, 38, 444-449.	1.3	20
59	Dosimetric comparison of different radiation techniques (IMRT vs. 3-dimensional) of the â€™ (deep) ano-inguinal lymphatic drainage of anal cancer patients. Radiation Oncology, 2018, 13, 227.	2.7	2
60	The conjoined parascapular and latissimus dorsi free flap for reconstruction of extensive knee defects. Microsurgery, 2018, 38, 867-875.	1.3	14
61	The Chimeric Versatility of the Subscapular System Revisited: Backup Options, Coverage for Bone Transplants and Vascularized Lymph Nodes. Plastic and Reconstructive Surgery - Global Open, 2018, 6, e1765.	0.6	6
62	Vascularized versus non-vascularized bone grafts in the treatment of scaphoid non-union. Journal of Orthopaedic Surgery, 2017, 25, 230949901668429.	1.0	15
63	Safety and Suitability of Finger Replantations as a Residency Training Procedure. Annals of Plastic Surgery, 2017, 78, 431-435.	0.9	7
64	Long-Term Effects of the Collagenase of the Bacterium Clostridium histolyticum for the Treatment of Capsular Fibrosis After Silicone Implants. Aesthetic Plastic Surgery, 2017, 41, 211-220.	0.9	15
65	Eschar removal by bromelain based enzymatic debridement (Nexobrid Â® ) in burns: An European consensus. Burns, 2017, 43, 1640-1653.	1.9	102
66	Diagnostic power of diffusion-weighted magnetic resonance imaging for the presence of lymph node metastasis: A meta-analysis. Journal of Huazhong University of Science and Technology [Medical Sciences], 2017, 37, 469-474.	1.0	1
67	Sequential chimeric medial femoral condyle and anterolateral thigh flowâ€ through flaps for oneâ€ stage reconstructions of composite bone and soft tissue defects: Report of three cases. Microsurgery, 2017, 37, 824-830.	1.3	14
68	In view of standardization Part 2: Management of challenges in the initial treatment of burn patients in Burn Centers in Germany, Austria and Switzerland. Burns, 2017, 43, 318-325.	1.9	14
69	Vascularised and Modified Lower-Leg Rotationplasty for the Treatment of Severe Infection and Bone Loss of the Proximal Femur: A Case Report. HIP International, 2017, 27, e11-e13.	1.7	0
70	Pyoderma gangrenosum following complex reconstruction of a large-scale lower limb defect by combined Parascapular and latissimus dorsi flap. Journal of Surgical Case Reports, 2017, 2017, rjw241.	0.4	1
71	Low-energy extracorporeal shockwave therapy (ESWT) improves metaphyseal fracture healing in an osteoporotic rat model. PLoS ONE, 2017, 12, e0189356.	2.5	9
72	Free flaps for reconstruction of soft tissue defects in lower extremity: A metaâ€ analysis on microsurgical outcome and safety. Microsurgery, 2016, 36, 511-524.	1.3	113

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73	Microsurgical reconstruction for post-traumatic defects of lower leg in the elderly: A comparative study. <i>Injury</i> , 2016, 47, 2558-2564.	1.7	21
74	In-Flap Anastomosis as Back-Up Option for Anterolateral Thigh Flaps Lacking Suitable Perforators. <i>Plastic and Reconstructive Surgery</i> , 2016, 137, 250e-251e.	1.4	1
75	Microvascular free flaps are a safe and suitable training procedure during structured plastic surgery residency: A comparative cohort study with 391 patients. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2016, 69, 715-721.	1.0	28
76	Indocyanine Green Fluorescence for Free-Flap Perfusion Imaging Revisited. <i>Surgical Innovation</i> , 2016, 23, 249-260.	0.9	42
77	Efficacy and Safety of the Collagenase of the Bacterium <i>Clostridium Histolyticum</i> for the Treatment of Capsular Contracture after Silicone Implants: Ex-Vivo Study on Human Tissue. <i>PLoS ONE</i> , 2016, 11, e0156428.	2.5	11
78	Silicone Implants with Smooth Surfaces Induce Thinner but Denser Fibrotic Capsules Compared to Those with Textured Surfaces in a Rodent Model. <i>PLoS ONE</i> , 2015, 10, e0132131.	2.5	26
79	A comparative study on autologous bone grafting combined with or without posterior interosseous nerve neurectomy for scaphoid nonunion treatment. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2015, 68, 1138-1144.	1.0	5
80	In view of standardization: Comparison and analysis of initial management of severely burned patients in Germany, Austria and Switzerland. <i>Burns</i> , 2015, 41, 33-38.	1.9	10
81	Multiple Extracorporeal Shock Wave Therapy Degrades Capsular Fibrosis after Insertion of Silicone Implants. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 781-789.	1.5	26
82	Real-Time Lymphography by Indocyanine Green Fluorescence. <i>Annals of Plastic Surgery</i> , 2014, 73, 701-705.	0.9	8
83	The 1,2-Intercompartmental Supraretinacular Artery Vascularized Bone Graft for Scaphoid Nonunion: Management and Clinical Outcome. <i>Journal of Hand Surgery</i> , 2014, 39, 423-429.	1.6	45
84	Free and Pedicled Flaps for Reconstruction of the Weightbearing Sole of the Foot: A Comparative Analysis of Functional Results. <i>Journal of Foot and Ankle Surgery</i> , 2014, 53, 727-734.	1.0	19
85	Adipose-derived stem cells from the breast. <i>Journal of Research in Medical Sciences</i> , 2014, 19, 112-6.	0.9	7
86	High rate of solitary sentinel node metastases identification by fluorescence-guided lymphatic imaging in breast cancer. <i>Journal of Surgical Oncology</i> , 2012, 105, 162-166.	1.7	31
87	The impact of previous surgery on scaphoid nonunion reconstruction: a retrospective study of 95 cases. <i>Journal of Hand Surgery: European Volume</i> , 0, , 175319342211084.	1.0	1