

Adrien Daigeler

List of Publications by Year in descending order

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124
papers

2,906
citations

172457

29
h-index

223800

46
g-index

156
all docs

156
docs citations

156
times ranked

3282
citing authors

#	ARTICLE	IF	CITATIONS
1	Major and Lethal Complications of Liposuction: A Review of 72 Cases in Germany between 1998 and 2002. <i>Plastic and Reconstructive Surgery</i> , 2008, 121, 396e-403e.	1.4	157
2	Host Defense Peptides in Wound Healing. <i>Molecular Medicine</i> , 2008, 14, 528-537.	4.4	144
3	Rho and rho kinase modulation of barrier properties: cultured endothelial cells and intact microvessels of rats and mice. <i>Journal of Physiology</i> , 2002, 539, 295-308.	2.9	113
4	Comparison of Anterolateral Thigh, Lateral Arm, and Parascapular Free Flaps with Regard to Donor-Site Morbidity and Aesthetic and Functional Outcomes. <i>Plastic and Reconstructive Surgery</i> , 2013, 131, 293-302.	1.4	91
5	Clinicopathological findings in a case series of extrathoracic solitary fibrous tumors of soft tissues. <i>BMC Surgery</i> , 2006, 6, 10.	1.3	84
6	Long-term outcome after local recurrence of soft tissue sarcoma: a retrospective analysis of factors predictive of survival in 135 patients with locally recurrent soft tissue sarcoma. <i>British Journal of Cancer</i> , 2014, 110, 1456-1464.	6.4	77
7	Lymph node metastases in soft tissue sarcomas—a single center analysis of 1,597 patients. <i>Langenbeck's Archives of Surgery</i> , 2009, 394, 321-329.	1.9	70
8	Elastofibroma dorsi — differential diagnosis in chest wall tumours. <i>World Journal of Surgical Oncology</i> , 2007, 5, 15.	1.9	66
9	Tendon transfers for drop foot correction: long-term results including quality of life assessment, and dynamometric and pedobarographic measurements. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2011, 131, 903-910.	2.4	60
10	The versatility of the pedicled vertical rectus abdominis myocutaneous flap in oncologic patients. <i>Langenbeck's Archives of Surgery</i> , 2011, 396, 1271-1279.	1.9	59
11	The Pedicled Gastrocnemius Muscle Flap: A Review of 218 Cases. <i>Plastic and Reconstructive Surgery</i> , 2009, 123, 250-257.	1.4	56
12	MFH revisited: outcome after surgical treatment of undifferentiated pleomorphic or not otherwise specified (NOS) sarcomas of the extremities—an analysis of 140 patients. <i>Langenbeck's Archives of Surgery</i> , 2009, 394, 313-320.	1.9	55
13	Proximal major limb amputations — a retrospective analysis of 45 oncological cases. <i>World Journal of Surgical Oncology</i> , 2009, 7, 15.	1.9	52
14	The value of expert second opinion in diagnosis of soft tissue sarcomas. <i>Journal of Surgical Oncology</i> , 2008, 97, 40-43.	1.7	48
15	Reconstruction of the thoracic wall—long-term follow-up including pulmonary function tests. <i>Langenbeck's Archives of Surgery</i> , 2009, 394, 705-715.	1.9	48
16	Identification of Patients at Risk for Development of Tertiary Peritonitis on a Surgical Intensive Care Unit. <i>Journal of Gastrointestinal Surgery</i> , 2009, 13, 1358-1367.	1.7	45
17	The Effectiveness of Pedicled Groin Flaps in the Treatment of Hand Defects: Results of 49 Patients. <i>Journal of Hand Surgery</i> , 2012, 37, 2088-2094.	1.6	42
18	Thoracic Wall Reconstruction after Tumor Resection. <i>Frontiers in Oncology</i> , 2015, 5, 247.	2.8	42

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19	Reconstruction of Soft-Tissue Defects at the Foot and Ankle after Oncological Resection. <i>Frontiers in Surgery</i> , 2016, 3, 15.	1.4	41
20	Alveolar soft part sarcoma: clinicopathological findings in a series of 11 cases. <i>World Journal of Surgical Oncology</i> , 2008, 6, 71.	1.9	38
21	Can rotational thromboelastometry predict thrombotic complications in reconstructive microsurgery?. <i>Microsurgery</i> , 2014, 34, 253-260.	1.3	38
22	Donor-Site Morbidity of the Pedicled Rectus Femoris Muscle Flap. <i>Plastic and Reconstructive Surgery</i> , 2005, 115, 786-792.	1.4	37
23	Antimicrobial activity of the recombinant designer host defence peptide P-novispirin G10 in infected full-thickness wounds of porcine skin. <i>Journal of Antimicrobial Chemotherapy</i> , 2007, 59, 493-498.	3.0	37
24	Limb Salvage in Malignant Tumors. <i>Seminars in Plastic Surgery</i> , 2010, 24, 018-033.	2.1	32
25	Transcription Factors in the Cellular Response to Charged Particle Exposure. <i>Frontiers in Oncology</i> , 2016, 6, 61.	2.8	31
26	Remote Ischemic Conditioning Improves Blood Flow and Oxygen Saturation in Pedicled and Free Surgical Flaps. <i>Plastic and Reconstructive Surgery</i> , 2016, 138, 1089-1097.	1.4	31
27	Host defence peptides in human burns. <i>Burns</i> , 2008, 34, 32-40.	1.9	30
28	A single-institutional review of 68 patients with dermatofibrosarcoma protuberans: wide re-excision after inadequate previous surgery results in a high rate of local control. <i>World Journal of Surgical Oncology</i> , 2017, 15, 5.	1.9	30
29	Sternal Osteomyelitis: Long-Term Results after Pectoralis Muscle Flap Reconstruction. <i>Plastic and Reconstructive Surgery</i> , 2009, 123, 910-917.	1.4	29
30	Emergency pre-hospital care of burn patients. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 2010, 8, 101-104.	1.8	28
31	Intravital Pathophysiologic Comparison of Frostbite and Burn Injury in a Murine Model. <i>Journal of Surgical Research</i> , 2011, 167, e395-e401.	1.6	28
32	Synergistic apoptotic effects of taurolidine and TRAIL on squamous carcinoma cells of the esophagus. <i>International Journal of Oncology</i> , 1992, 32, 1205-1220.	3.3	28
33	Determination of Microcirculatory Changes and Angiogenesis in a Model of Frostbite Injury In Vivo. <i>Journal of Surgical Research</i> , 2011, 168, 155-161.	1.6	27
34	Comparison of Donor-Site Morbidity and Satisfaction between Anterolateral Thigh and Parascapular Free Flaps in the Same Patient. <i>Journal of Reconstructive Microsurgery</i> , 2013, 29, 537-544.	1.8	27
35	Changes of Oxygenation and Hemoglobin-Concentration in Lower Extremity Free Flaps during Dangling. <i>Journal of Reconstructive Microsurgery</i> , 2014, 30, 319-328.	1.8	27
36	Upper extremity ischemia is superior to lower extremity ischemia for remote ischemic conditioning of antero-lateral thigh cutaneous blood flow. <i>Microsurgery</i> , 2015, 35, 211-217.	1.3	26

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37	Orthogonal Polarization Spectral Imaging. <i>Annals of Plastic Surgery</i> , 2010, 64, 217-221.	0.9	24
38	Local tendon transfer for knee extensor mechanism reconstruction after soft tissue sarcoma resection. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2015, 68, 729-735.	1.0	24
39	Burn model for in vivo investigations of microcirculatory changes. <i>Eplasty</i> , 2009, 9, e13.	0.4	23
40	Synergistic Effects of Sonoporation and Taurolidin/TRAIL on Apoptosis in Human Fibrosarcoma. <i>Ultrasound in Medicine and Biology</i> , 2010, 36, 1893-1906.	1.5	22
41	Albumin reduces the antibacterial activity of polyhexanide-biguanide-based antiseptics against <i>Staphylococcus aureus</i> and MRSA. <i>Burns</i> , 2013, 39, 1221-1225.	1.9	22
42	Repetitive extracorporeal shock wave applications are superior in inducing angiogenesis after full thickness burn compared to single application. <i>Burns</i> , 2014, 40, 1365-1374.	1.9	22
43	Heterogeneous in vitro effects of doxorubicin on gene expression in primary human liposarcoma cultures. <i>BMC Cancer</i> , 2008, 8, 313.	2.6	21
44	Nucleofection: A New Method for Cutaneous Gene Transfer?. <i>Journal of Biomedicine and Biotechnology</i> , 2006, 2006, 1-8.	3.0	20
45	TRAIL and Taurolidine induce apoptosis and decrease proliferation in human fibrosarcoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2008, 27, 82.	8.6	20
46	Soft tissue sarcomas of the distal lower extremities: A single-institutional analysis of the prognostic significance of surgical margins in 120 patients. <i>Oncology Reports</i> , 2016, 36, 863-870.	2.6	20
47	Comparison of subcutaneous versus suprafascially raised anterolateral thigh free flaps with regard to donor site morbidity, function and aesthetics. <i>Microsurgery</i> , 2018, 38, 444-449.	1.3	20
48	Malignant fibrous histiocytoma/pleomorphic sarcoma, NOS gene expression, histology, and clinical course. A pilot study. <i>Langenbeck's Archives of Surgery</i> , 2010, 395, 261-275.	1.9	19
49	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
50	Synergistic Effects in Apoptosis Induction by Taurolidine and TRAIL in HCT-15 Colon Carcinoma Cells. <i>Journal of Investigative Surgery</i> , 2007, 20, 339-348.	1.3	18
51	Comparative analysis of cell death induction by Taurolidine in different malignant human cancer cell lines. <i>Journal of Experimental and Clinical Cancer Research</i> , 2010, 29, 21.	8.6	18
52	Advanced Microcirculatory Parameters of Lower Extremity Free Flaps during Dangling and Their Influencing Factors. <i>Journal of Reconstructive Microsurgery</i> , 2015, 31, 500-507.	1.8	18
53	The Triaging and Treatment of Cold-Induced Injuries. <i>Deutsches Arzteblatt International</i> , 2015, 112, 741-7.	0.9	18
54	Scaphoid nonunions in skeletally immature adolescents. <i>Journal of Hand Surgery: European Volume</i> , 2014, 39, 662-665.	1.0	17

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55	Laser-mediated fixation of collagen-based scaffolds to dermal wounds. <i>Lasers in Surgery and Medicine</i> , 2010, 42, 141-149.	2.1	16
56	Innate immune response after adenoviral gene delivery into skin is mediated by AIM2, NALP3, DAI and mda5. <i>SpringerPlus</i> , 2013, 2, 234.	1.2	16
57	Resveratrol induces apoptosis and alters gene expression in human fibrosarcoma cells. <i>Anticancer Research</i> , 2015, 35, 767-74.	1.1	16
58	Anti-proliferative activity of epigallocatechin-3-gallate and silibinin on soft tissue sarcoma cells. <i>Molecular Medicine Reports</i> , 2017, 15, 103-110.	2.4	15
59	Response rate of fibrosarcoma cells to cytotoxic drugs on the expression level correlates to the therapeutic response rate of fibrosarcomas and is mediated by regulation of apoptotic pathways. <i>BMC Cancer</i> , 2005, 5, 74.	2.6	14
60	Gene expression analysis of cell death induction by Taurolidine in different malignant cell lines. <i>BMC Cancer</i> , 2010, 10, 595.	2.6	14
61	Microsurgical Reconstruction of Extensive Oncological Scalp Defects. <i>Frontiers in Surgery</i> , 2015, 2, 44.	1.4	14
62	Photoplanimetric evaluation and impedance measurement of split-thickness skin grafts: a new model for objective wound-healing assessment in clinical trials. <i>Skin Research and Technology</i> , 2009, 15, 168-171.	1.6	12
63	A Follow-Up Study of Adults With Suicidal Burns: Psychosocial Adjustment and Quality of Life. <i>Journal of Burn Care and Research</i> , 2009, 30, 844-851.	0.4	12
64	Intravital pathophysiological comparison of acid- and alkali-burn injuries in a murine model. <i>Journal of Surgical Research</i> , 2013, 182, 347-352.	1.6	12
65	Human scaphoid non-unions exhibit increased osteoclast activity compared to adjacent cancellous bone. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 2842-2850.	3.6	12
66	Reconstructive Options for Oncologic Posterior Trunk Defects: A Review. <i>Frontiers in Oncology</i> , 2016, 6, 51.	2.8	12
67	Outcome of Body-Contouring Procedures After Massive Weight Loss. <i>Obesity Surgery</i> , 2019, 29, 1832-1840.	2.1	12
68	The acute impact of local cooling versus local heating on human skin microcirculation using laser Doppler flowmetry and tissue spectrophotometry. <i>Burns</i> , 2020, 46, 104-109.	1.9	12
69	Pro-apoptotic effects of pycnogenol on HT1080 human fibrosarcoma cells. <i>International Journal of Oncology</i> , 2015, 46, 1629-1636.	3.3	11
70	Influence of ISDN, I-NAME and selenium on microcirculation, leukocyte endothelium interaction and angiogenesis after frostbite. <i>Burns</i> , 2015, 41, 145-152.	1.9	11
71	Intravascular leiomyosarcoma of the brachiocephalic region – report of an unusual tumour localisation: case report and review of the literature. <i>World Journal of Surgical Oncology</i> , 2008, 6, 113.	1.9	10
72	Orthotopic and heterotopic lower leg reimplantation. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2003, 85-B, 554-558.	3.4	9

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73	Burn wounds infected with <i>Pseudomonas aeruginosa</i> triggers weight loss in rats. <i>BMC Surgery</i> , 2005, 5, 19.	1.3	9
74	Evaluation of the safety and efficacy of TRAIL and taurolidine use on human fibrosarcoma xenografts in vivo. <i>Oncology Letters</i> , 2016, 11, 1955-1961.	1.8	9
75	Hemocompatibility of different burn wound dressings. <i>Wound Repair and Regeneration</i> , 2019, 27, 470-476.	3.0	9
76	Air Flow Cooling Improves Anterolateral Thigh Perforator Mapping Using the FLIR ONE Thermal Camera. <i>Journal of Reconstructive Microsurgery</i> , 2022, 38, 144-150.	1.8	9
77	Influence of Topically Applied Antimicrobial Agents on Muscular Microcirculation. <i>Annals of Plastic Surgery</i> , 2011, 67, 407-412.	0.9	8
78	Complications of Poly Implant Prothèse breast implants: the current discussion. <i>Expert Review of Medical Devices</i> , 2013, 10, 167-170.	2.8	8
79	Reconstruction of the umbilicus after malignant melanoma. <i>JDDG - Journal of the German Society of Dermatology</i> , 2013, 11, 462-464.	0.8	8
80	Bilateral pedicled gracilis flap for scrotal reconstruction. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2016, 69, e195-e196.	1.0	8
81	Elastic Wrapping of Lower Extremity Free Flaps during Dangling Improves Microcirculation and Reduces Pain as well as Edema. <i>Journal of Reconstructive Microsurgery</i> , 2019, 35, 522-528.	1.8	8
82	Beyond the Knife – Reviewing the Interplay of Psychosocial Factors and Peripheral Nerve Lesions. <i>Journal of Personalized Medicine</i> , 2021, 11, 1200.	2.5	8
83	Metachronous bilateral soft tissue sarcoma of the extremities. <i>Langenbeck's Archives of Surgery</i> , 2008, 393, 207-212.	1.9	7
84	Establishing efficient xenograft models with intrinsic vascularisation for growing primary human low-grade sarcomas. <i>Anticancer Research</i> , 2011, 31, 4061-6.	1.1	7
85	A novel xenograft model with intrinsic vascularisation for growing undifferentiated pleomorphic sarcoma NOS in mice. <i>Journal of Cancer Research and Clinical Oncology</i> , 2012, 138, 877-884.	2.5	6
86	Plastic Surgery for the Oncological Patient. <i>Frontiers in Surgery</i> , 2014, 1, 42.	1.4	6
87	Tumor-associated fibroblasts promote the proliferation and decrease the doxorubicin sensitivity of liposarcoma cells. <i>International Journal of Molecular Medicine</i> , 2016, 37, 1535-1541.	4.0	6
88	Prednisolone but not selenium and rtPA reduces edema and improves angiogenesis after burn in mice. <i>Burns</i> , 2016, 42, 375-383.	1.9	6
89	Efficacy of a Gel Containing Polihexanide and Betaine in Deep Partial and Full Thickness Burns Requiring Split-thickness Skin Grafts: A Noncomparative Clinical Study. <i>Journal of Burn Care and Research</i> , 2018, 39, 685-693.	0.4	6
90	A quantitative study of transepidermal water loss (TEWL) on conventional and microclimate management capable mattresses and hospital beds. <i>Journal of Tissue Viability</i> , 2019, 28, 194-199.	2.0	6

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91	A quantitative study of hydration level of the skin surface and erythema on conventional and microclimate management capable mattresses and hospital beds. <i>Journal of Tissue Viability</i> , 2020, 29, 2-6.	2.0	6
92	Microvascular tissue transfer after the resection of soft tissue sarcomas. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2021, 74, 995-1003.	1.0	6
93	A systematic review and meta-analysis of studies comparing muscle-in-vein conduits with autologous nerve grafts for nerve reconstruction. <i>Scientific Reports</i> , 2021, 11, 11691.	3.3	6
94	The Impact of Age on Perioperative Complications after Extremity Reconstruction with the Free Gracilis Flap: A Retrospective Cohort Study Involving 153 Patients. <i>Journal of Reconstructive Microsurgery</i> , 2019, 35, 395-410.	1.8	5
95	A Training Model for Local Flaps Using Fresh Human Skin Excised During Body Contouring Procedures. <i>Journal of Surgical Research</i> , 2021, 262, 190-196.	1.6	5
96	Developing a wearable Augmented Reality for treating phantom limb pain using the Microsoft Hololens 2. , 2022, , .		5
97	Emergency prehospital care of burn injuries: thermal, electrical and chemical burns. <i>Journal of Paramedic Practice: the Clinical Monthly for Emergency Care Professionals</i> , 2011, 3, 10-18.	0.1	4
98	Treatment Trends of Adult Brachial Plexus Injury: A Bibliometric Analysis. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2021, 9, e3803.	0.6	4
99	Direct Current Electrical Fields Improve Experimental Wound Healing by Activation of Cytokine Secretion and Erk1/2 Pathway Stimulation. <i>Life</i> , 2021, 11, 1195.	2.4	4
100	Carcinoid tumor with carcinoid heart disease: the rare case of Hedinger syndrome without hepatic metastases. <i>International Journal of Cardiology</i> , 2003, 92, 295-296.	1.7	3
101	Long-Term Comparison of a Routine Laboratory Parameter-Based Severity Score With APACHE II and SAPS II. <i>Journal of Trauma</i> , 2011, 71, 1835-1840.	2.3	3
102	Evaluation of angiogenesis, epithelialisation and microcirculation after application of polyhexanide, chitosan and sodium chloride in rodents. <i>International Wound Journal</i> , 2016, 13, 1161-1167.	2.9	3
103	Complement activation at the interface of wound dressings and blood does not influence keratinocyte migration/proliferation in vitro. <i>Wound Repair and Regeneration</i> , 2020, 28, 573-575.	3.0	3
104	Transplantation of a latissimus dorsi flap after nearly 6 hr of extracorporeal perfusion: A case report. <i>Microsurgery</i> , 2021, 41, 75-78.	1.3	3
105	Technical Note: Novel Use of CytoSorb®, Haemadsorption to Provide Wound Healing Support in Case of Severe Burn Trauma via Reduction of Hyperbilirubinaemia. <i>Frontiers in Surgery</i> , 2021, 8, 743571.	1.4	3
106	Does Phototherapy Promote Wound Healing? Limitations of Blue Light Irradiation. <i>Wounds</i> , 2021, 33, 91-98.	0.5	3
107	Oral administration of the anti-proliferative substance taurolidine has no impact on dextran sulfate sodium-induced colitis-associated carcinogenesis in mice. <i>Journal of Carcinogenesis</i> , 2010, 9, 5.	2.5	2
108	Thoracic Wall Reconstruction in Advanced Breast Tumours. <i>Geburtshilfe Und Frauenheilkunde</i> , 2014, 74, 548-556.	1.8	2

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109	Comparative analysis of clinical outcome and quality of life between amputations and combined bone and flap reconstructions at the lower leg. Disability and Rehabilitation, 2022, 44, 6744-6748.	1.8	2
110	Assessment of Two Commonly used Dermal Regeneration Templates in a Swine Model without Skin Grafting. Applied Sciences (Switzerland), 2022, 12, 3205.	2.5	2
111	Outcome After Reconstruction of 43 Digital Nerve Defects With Muscle-in-Vein Conduits. Journal of Hand Surgery, 2023, 48, 948.e1-948.e9.	1.6	2
112	Extramedullary Multiple Myeloma Associated with Amyloidomas of the Lower Limbs. Plastic and Reconstructive Surgery, 2006, 118, 298-301.	1.4	1
113	Fivefold Fracture in a Perilunate Fracture Dislocation Involving Scaphoid, Capitate, Hamate, Triquetrum and Lunate: A Case Report. Journal of hand surgery Asian-Pacific volume, The, 2020, 25, 119-122.	0.4	1
114	Replanted Amputated Digit Survival and Associated Factors at a Tertiary Center in Southern Thailand: A Multi-Level Analysis. Journal of hand surgery Asian-Pacific volume, The, 2020, 25, 104-109.	0.4	1
115	Evaluation of a cross-linked versus non-cross-linked collagen matrix in full-thickness skin defects. Burns, 2021, 47, 150-156.	1.9	1
116	Lunate morphology: association with the severity of scapholunate ligament injuries and carpal instability patterns. Journal of Plastic Surgery and Hand Surgery, 2022, 56, 151-159.	0.8	1
117	Insufficient fibrinogen response following free flap surgery is associated with bleeding complications. GMS Interdisciplinary Plastic and Reconstructive Surgery DGPW, 2016, 5, Doc22.	0.1	1
118	The Vascularised Groin Chamber: A Novel Model for Growing Primary Human Liposarcoma in Nude Mice. World Journal of Oncology, 2012, 3, 47-53.	1.5	1
119	Immune-modulating properties of blue light do not influence reepithelization in vitro. Lasers in Medical Science, 2022, , 1.	2.1	1
120	Changes in the Biomechanical Properties of Human Skin in Hyperthermic and Hypothermic Ranges. Wounds, 2018, 30, 257-262.	0.5	1
121	Rectus Femoris Muscle Flap Donor-Site Morbidity. Plastic and Reconstructive Surgery, 2006, 117, 1048-1049.	1.4	0
122	Extramedullary Multiple Myeloma Associated with Amyloidomas of the Lower Limbs. Plastic and Reconstructive Surgery, 2006, 117, 2530-2532.	1.4	0
123	Surgical Approaches for Melanocytic Nevi and Malignant Melanoma of the Umbilicus. , 2017, , 393-400.		0
124	Septic arthritis of the wrist: a retrospective review of 39 cases. Journal of Hand Surgery: European Volume, 0, , 175319342211018.	1.0	0