

Adrien Daigeler

List of Publications by Year in descending order

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Version: 2024-02-01

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	Outcome After Reconstruction of 43 Digital Nerve Defects With Muscle-in-Vein Conduits. <i>Journal of Hand Surgery</i> , 2023, 48, 948.e1-948.e9.	1.6	2
2	Lunate morphology: association with the severity of scapholunate ligament injuries and carpal instability patterns. <i>Journal of Plastic Surgery and Hand Surgery</i> , 2022, 56, 151-159.	0.8	1
3	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
4	Comparative analysis of clinical outcome and quality of life between amputations and combined bone and flap reconstructions at the lower leg. <i>Disability and Rehabilitation</i> , 2022, 44, 6744-6748.	1.8	2
5	Immune-modulating properties of blue light do not influence reepithelization in vitro. <i>Lasers in Medical Science</i> , 2022, , 1.	2.1	1
6	Assessment of Two Commonly used Dermal Regeneration Templates in a Swine Model without Skin Grafting. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3205.	2.5	2
7	Developing a wearable Augmented Reality for treating phantom limb pain using the Microsoft HoloLens 2. , 2022, , .		5
8	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
9	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
10	Evaluation of a cross-linked versus non-cross-linked collagen matrix in full-thickness skin defects. <i>Burns</i> , 2021, 47, 150-156.	1.9	1
11	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
12	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
13	Treatment Trends of Adult Brachial Plexus Injury: A Bibliometric Analysis. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2021, 9, e3803.	0.6	4
14	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
15	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
16	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
17	Does Phototherapy Promote Wound Healing? Limitations of Blue Light Irradiation. <i>Wounds</i> , 2021, 33, 91-98.	0.5	3
18	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

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19	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
20	Fivefold Fracture in a Perilunate Fracture Dislocation Involving Scaphoid, Capitate, Hamate, Triquetrum and Lunate: A Case Report. <i>Journal of hand surgery Asian-Pacific volume, The</i> , 2020, 25, 119-122.	0.4	1
21	Replanted Amputated Digit Survival and Associated Factors at a Tertiary Center in Southern Thailand: A Multi-Level Analysis. <i>Journal of hand surgery Asian-Pacific volume, The</i> , 2020, 25, 104-109.	0.4	1
22	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
23	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
24	Hemocompatibility of different burn wound dressings. <i>Wound Repair and Regeneration</i> , 2019, 27, 470-476.	3.0	9
25	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
26	Outcome of Body-Contouring Procedures After Massive Weight Loss. <i>Obesity Surgery</i> , 2019, 29, 1832-1840.	2.1	12
27	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
28	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
29	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
30	Changes in the Biomechanical Properties of Human Skin in Hyperthermic and Hypothermic Ranges. <i>Wounds</i> , 2018, 30, 257-262.	0.5	1
31	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
32	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
33	Surgical Approaches for Melanocytic Nevi and Malignant Melanoma of the Umbilicus. , 2017, , 393-400.		0
34	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
35	Reconstructive Options for Oncologic Posterior Trunk Defects: A Review. <i>Frontiers in Oncology</i> , 2016, 6, 51.	2.8	12
36	Transcription Factors in the Cellular Response to Charged Particle Exposure. <i>Frontiers in Oncology</i> , 2016, 6, 61.	2.8	31

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37	Reconstruction of Soft-Tissue Defects at the Foot and Ankle after Oncological Resection. <i>Frontiers in Surgery</i> , 2016, 3, 15.	1.4	41
38	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
39	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
40	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
41	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
42	Bilateral pedicled gracilis flap for scrotal reconstruction. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2016, 69, e195-e196.	1.0	8
43	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
44	Insufficient fibrinogen response following free flap surgery is associated with bleeding complications. <i>GMS Interdisciplinary Plastic and Reconstructive Surgery DGPW</i> , 2016, 5, Doc22.	0.1	1
45	Thoracic Wall Reconstruction after Tumor Resection. <i>Frontiers in Oncology</i> , 2015, 5, 247.	2.8	42
46	Microsurgical Reconstruction of Extensive Oncological Scalp Defects. <i>Frontiers in Surgery</i> , 2015, 2, 44.	1.4	14
47	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
48	Human scaphoid non-union 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
49	Pro-apoptotic effects of pycnogenol on HT1080 human fibrosarcoma cells. <i>International Journal of Oncology</i> , 2015, 46, 1629-1636.	3.3	11
50	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
51	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
52	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
53	The Triaging and Treatment of Cold-Induced Injuries. <i>Deutsches A&#x0308;rztblatt International</i> , 2015, 112, 741-7.	0.9	18
54	Resveratrol induces apoptosis and alters gene expression in human fibrosarcoma cells. <i>Anticancer Research</i> , 2015, 35, 767-74.	1.1	16

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55	Plastic Surgery for the Oncological Patient. <i>Frontiers in Surgery</i> , 2014, 1, 42.	1.4	6
56	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
57	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
58	Thoracic Wall Reconstruction in Advanced Breast Tumours. <i>Geburtshilfe Und Frauenheilkunde</i> , 2014, 74, 548-556.	1.8	2
59	Scaphoid nonunions in skeletally immature adolescents. <i>Journal of Hand Surgery: European Volume</i> , 2014, 39, 662-665.	1.0	17
60	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
61	Can rotational thromboelastometry predict thrombotic complications in reconstructive microsurgery?. <i>Microsurgery</i> , 2014, 34, 253-260.	1.3	38
62	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
63	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
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	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
66	Complications of Poly Implant Prothèse breast implants: the current discussion. <i>Expert Review of Medical Devices</i> , 2013, 10, 167-170.	2.8	8
67	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
68	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
69	Reconstruction of the umbilicus after malignant melanoma. <i>JDDG - Journal of the German Society of Dermatology</i> , 2013, 11, 462-464.	0.8	8
70	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
71	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
72	The Vascularised Groin Chamber: A Novel Model for Growing Primary Human Liposarcoma in Nude Mice. <i>World Journal of Oncology</i> , 2012, 3, 47-53.	1.5	1

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73	Determination of Microcirculatory Changes and Angiogenesis in a Model of Frostbite Injury In Vivo. Journal of Surgical Research, 2011, 168, 155-161.	1.6	27
74	Intravital Pathophysiologic Comparison of Frostbite and Burn Injury in a Murine Model. Journal of Surgical Research, 2011, 167, e395-e401.	1.6	28
75	Long-Term Comparison of a Routine Laboratory Parameter-Based Severity Score With APACHE II and SAPS II. Journal of Trauma, 2011, 71, 1835-1840.	2.3	3
76	Influence of Topically Applied Antimicrobial Agents on Muscular Microcirculation. Annals of Plastic Surgery, 2011, 67, 407-412.	0.9	8
77	Emergency prehospital care of burn injuries: thermal, electrical and chemical burns. Journal of Paramedic Practice: the Clinical Monthly for Emergency Care Professionals, 2011, 3, 10-18.	0.1	4
78	The versatility of the pedicled vertical rectus abdominis myocutaneous flap in oncologic patients. Langenbeck's Archives of Surgery, 2011, 396, 1271-1279.	1.9	59
79	Tendon transfers for drop foot correction: long-term results including quality of life assessment, and dynamometric and pedobarographic measurements. Archives of Orthopaedic and Trauma Surgery, 2011, 131, 903-910.	2.4	60
80	Establishing efficient xenograft models with intrinsic vascularisation for growing primary human low-grade sarcomas. Anticancer Research, 2011, 31, 4061-6.	1.1	7
81	Orthogonal Polarization Spectral Imaging. Annals of Plastic Surgery, 2010, 64, 217-221.	0.9	24
82	Malignant fibrous histiocytomaâ€”pleomorphic sarcoma, NOS gene expression, histology, and clinical course. A pilot study. Langenbeck's Archives of Surgery, 2010, 395, 261-275.	1.9	19
83	Gene expression analysis of cell death induction by Taurolidine in different malignant cell lines. BMC Cancer, 2010, 10, 595.	2.6	14
84	Laserâ€”mediated fixation of collagenâ€”based scaffolds to dermal wounds. Lasers in Surgery and Medicine, 2010, 42, 141-149.	2.1	16
85	Synergistic Effects of Sonoporation and Taurolidin/TRAIL on Apoptosis in Human Fibrosarcoma. Ultrasound in Medicine and Biology, 2010, 36, 1893-1906.	1.5	22
86	Oral administration of the anti-proliferative substance taurolidine has no impact on dextran sulfate sodium-induced colitis-associated carcinogenesis in mice. Journal of Carcinogenesis, 2010, 9, 5.	2.5	2
87	Limb Salvage in Malignant Tumors. Seminars in Plastic Surgery, 2010, 24, 018-033.	2.1	32
88	Emergency pre-hospital care of burn patients. Journal of the Royal College of Surgeons of Edinburgh, 2010, 8, 101-104.	1.8	28
89	Comparative analysis of cell death induction by Taurolidine in different malignant human cancer cell lines. Journal of Experimental and Clinical Cancer Research, 2010, 29, 21.	8.6	18
90	MFH revisited: outcome after surgical treatment of undifferentiated pleomorphic or not otherwise specified (NOS) sarcomas of the extremitiesâ€”an analysis of 140 patients. Langenbeck's Archives of Surgery, 2009, 394, 313-320.	1.9	55

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91	Lymph node metastases in soft tissue sarcomas—a single center analysis of 1,597 patients. Langenbeck's Archives of Surgery, 2009, 394, 321-329.	1.9	70
92	Reconstruction of the thoracic wall—long-term follow-up including pulmonary function tests. Langenbeck's Archives of Surgery, 2009, 394, 705-715.	1.9	48
93	Identification of Patients at Risk for Development of Tertiary Peritonitis on a Surgical Intensive Care Unit. Journal of Gastrointestinal Surgery, 2009, 13, 1358-1367.	1.7	45
94	Photoplanimetric evaluation and impedance measurement of split-thickness skin grafts: a new model for objective wound-healing assessment in clinical trials. Skin Research and Technology, 2009, 15, 168-171.	1.6	12
95	Proximal major limb amputations—a retrospective analysis of 45 oncological cases. World Journal of Surgical Oncology, 2009, 7, 15.	1.9	52
96	The Pedicled Gastrocnemius Muscle Flap: A Review of 218 Cases. Plastic and Reconstructive Surgery, 2009, 123, 250-257.	1.4	56
97	Sternal Osteomyelitis: Long-Term Results after Pectoralis Muscle Flap Reconstruction. Plastic and Reconstructive Surgery, 2009, 123, 910-917.	1.4	29
98	A Follow-Up Study of Adults With Suicidal Burns: Psychosocial Adjustment and Quality of Life. Journal of Burn Care and Research, 2009, 30, 844-851.	0.4	12
99	Burn model for in vivo investigations of microcirculatory changes. Eplasty, 2009, 9, e13.	0.4	23
100	Metachronous bilateral soft tissue sarcoma of the extremities. Langenbeck's Archives of Surgery, 2008, 393, 207-212.	1.9	7
101	The value of expert second opinion in diagnosis of soft tissue sarcomas. Journal of Surgical Oncology, 2008, 97, 40-43.	1.7	48
102	Heterogeneous in vitro effects of doxorubicin on gene expression in primary human liposarcoma cultures. BMC Cancer, 2008, 8, 313.	2.6	21
103	Intravascular leiomyosarcoma of the brachiocephalic region—a report of an unusual tumour localisation: case report and review of the literature. World Journal of Surgical Oncology, 2008, 6, 113.	1.9	10
104	Alveolar soft part sarcoma: clinicopathological findings in a series of 11 cases. World Journal of Surgical Oncology, 2008, 6, 71.	1.9	38
105	TRAIL and Taurolidine induce apoptosis and decrease proliferation in human fibrosarcoma. Journal of Experimental and Clinical Cancer Research, 2008, 27, 82.	8.6	20
106	Host defence peptides in human burns. Burns, 2008, 34, 32-40.	1.9	30
107	Host Defense Peptides in Wound Healing. Molecular Medicine, 2008, 14, 528-537.	4.4	144
108	Major and Lethal Complications of Liposuction: A Review of 72 Cases in Germany between 1998 and 2002. Plastic and Reconstructive Surgery, 2008, 121, 396e-403e.	1.4	157

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109	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
110	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
111	Elastofibroma dorsi differential diagnosis in chest wall tumours. <i>World Journal of Surgical Oncology</i> , 2007, 5, 15.	1.9	66
112	Extramedullary Multiple Myeloma Associated with Amyloidomas of the Lower Limbs. <i>Plastic and Reconstructive Surgery</i> , 2006, 118, 298-301.	1.4	1
113	Rectus Femoris Muscle Flap Donor-Site Morbidity. <i>Plastic and Reconstructive Surgery</i> , 2006, 117, 1048-1049.	1.4	0
114	Extramedullary Multiple Myeloma Associated with Amyloidomas of the Lower Limbs. <i>Plastic and Reconstructive Surgery</i> , 2006, 117, 2530-2532.	1.4	0
115	Clinicopathological findings in a case series of extrathoracic solitary fibrous tumors of soft tissues. <i>BMC Surgery</i> , 2006, 6, 10.	1.3	84
116	Nucleofection: A New Method for Cutaneous Gene Transfer?. <i>Journal of Biomedicine and Biotechnology</i> , 2006, 2006, 1-8.	3.0	20
117	Donor-Site Morbidity of the Pedicled Rectus Femoris Muscle Flap. <i>Plastic and Reconstructive Surgery</i> , 2005, 115, 786-792.	1.4	37
118	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
119	Burn wounds infected with <i>Pseudomonas aeruginosa</i> triggers weight loss in rats. <i>BMC Surgery</i> , 2005, 5, 19.	1.3	9
120	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
121	Orthotopic and heterotopic lower leg reimplantation. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2003, 85-B, 554-558.	3.4	9
122	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
123	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
124	Septic arthritis of the wrist: a retrospective review of 39 cases. <i>Journal of Hand Surgery: European Volume</i> , 0, , 175319342211018.	1.0	0