Dominic Henn

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9467358/publications.pdf

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45	822	643344	651938
papers	citations	15 h-index	25 g-index

52	52	52	815
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A bioactive compliant vascular graft modulates macrophage polarization and maintains patency with robust vascular remodeling. Bioactive Materials, 2023, 19, 167-178.	8.6	15
2	Mechanical Strain Drives Myeloid Cell Differentiation Toward Proinflammatory Subpopulations. Advances in Wound Care, 2022, 11, 466-478.	2.6	17
3	Inhibiting Fibroblast Mechanotransduction Modulates Severity of Idiopathic Pulmonary Fibrosis. Advances in Wound Care, 2022, 11, 511-523.	2.6	5
4	Multi-omic analysis reveals divergent molecular events in scarring and regenerative wound healing. Cell Stem Cell, 2022, 29, 315-327.e6.	5.2	69
5	IQGAP1â€mediated mechanical signaling promotes the foreign body response to biomedical implants. FASEB Journal, 2022, 36, e22007.	0.2	5
6	Enrichment of Nanofiber Hydrogel Composite with Fractionated Fat Promotes Regenerative Macrophage Polarization and Vascularization for Soft-Tissue Engineering. Plastic and Reconstructive Surgery, 2022, 149, 433e-444e.	0.7	4
7	Combining Breast and Ovarian Operations Increases Complications. Plastic and Reconstructive Surgery, 2022, 149, 1050-1059.	0.7	0
8	<scp>Pullulanâ€Collagen</scp> hydrogel wound dressing promotes dermal remodelling and wound healing compared to commercially available collagen dressings. Wound Repair and Regeneration, 2022, 30, 397-408.	1.5	27
9	Reinforced Biologic Mesh Reduces Postoperative Complications Compared to Biologic Mesh after Ventral Hernia Repair. Plastic and Reconstructive Surgery - Global Open, 2022, 10, e4083.	0.3	4
10	Mechanical tension mobilizes Lgr6 ⁺ epidermal stem cells to drive skin growth. Science Advances, 2022, 8, eabl8698.	4.7	11
11	Disrupting mechanotransduction decreases fibrosis and contracture in split-thickness skin grafting. Science Translational Medicine, 2022, 14, eabj9152.	5.8	31
12	Holy grail of tissue regeneration: Size. BioEssays, 2022, 44, .	1.2	3
13	Hydrogel Scaffolds to Deliver Cell Therapies for Wound Healing. Frontiers in Bioengineering and Biotechnology, 2021, 9, 660145.	2.0	69
14	Adipose-Derived Stromal Cells Seeded in Pullulan-Collagen Hydrogels Improve Healing in Murine Burns. Tissue Engineering - Part A, 2021, 27, 844-856.	1.6	31
15	Advances in Tissue Expander Technology Enable Early Targeted Intervention in Prepectoral Breast Reconstruction. Plastic and Reconstructive Surgery - Global Open, 2021, 9, e3781.	0.3	3
16	Disrupting biological sensors of force promotes tissue regeneration in large organisms. Nature Communications, 2021, 12, 5256.	5.8	43
17	Epidermal-Derived Hedgehog Signaling Drives Mesenchymal Proliferation during Digit Tip Regeneration. Journal of Clinical Medicine, 2021, 10, 4261.	1.0	1
18	Integrated spatial multiomics reveals fibroblast fate during tissue repair. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	76

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19	The Plane of Mesh Placement Does Not Impact Abdominal Donor Site Complications in Microsurgical Breast Reconstruction. Annals of Plastic Surgery, 2021, 87, 542-546.	0.5	3
20	Xenogeneic skin transplantation promotes angiogenesis and tissue regeneration through activated Trem2 ⁺ macrophages. Science Advances, 2021, 7, eabi4528.	4.7	26
21	Venous bypass grafts versus arteriovenous loops as recipient vessels for microvascular anastomosis in lower extremity reconstructions: A matchedâ€pair analysis. Microsurgery, 2020, 40, 12-18.	0.6	9
22	Geriatric Patients with Free Flap Reconstruction: A Comparative Clinical Analysis of 256 Cases. Journal of Reconstructive Microsurgery, 2020, 36, 127-135.	1.0	18
23	Tissue Engineering of Axially Vascularized Soft-Tissue Flaps with a Poly-(É›-Caprolactone) Nanofiber-Hydrogel Composite. Advances in Wound Care, 2020, 9, 365-377.	2.6	8
24	Current and Emerging Topical Scar Mitigation Therapies for Craniofacial Burn Wound Healing. Frontiers in Physiology, 2020, 11, 916.	1.3	9
25	Characterization of Diabetic and Non-Diabetic Foot Ulcers Using Single-Cell RNA-Sequencing. Micromachines, 2020, 11, 815.	1.4	34
26	Dysregulation of Endothelial Nitric Oxide Synthase Does Not Depend on Hemodynamic Alterations in Bicuspid Aortic Valve Aortopathy. Journal of the American Heart Association, 2020, 9, e016471.	1.6	13
27	Ectoderm-Derived Wnt and Hedgehog Signaling Drive Digit Tip Regeneration. Journal of the American College of Surgeons, 2020, 231, S186.	0.2	0
28	A multivariable miRNA signature delineates the systemic hemodynamic impact of arteriovenous shunt placement in a pilot study. Scientific Reports, 2020, 10, 21809.	1.6	5
29	A standardized patient education class as a vehicle to improving shared decision-making and increasing access to breast reconstruction. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2020, 73, 1534-1539.	0.5	7
30	Cryopreserved human skin allografts promote angiogenesis and dermal regeneration in a murine model. International Wound Journal, 2020, 17, 925-936.	1.3	10
31	A 3D Morphometrical Evaluation of Brow Position After Standardized Botulinum Toxin A Treatment of the Forehead and Glabella. Aesthetic Surgery Journal, 2019, 39, 553-564.	0.9	4
32	Continuous Video-Rate Laser Speckle Imaging for Intra- and Postoperative Cutaneous Perfusion Imaging of Free Flaps. Journal of Reconstructive Microsurgery, 2019, 35, 489-498.	1.0	9
33	Health-Related Quality of Life After Ventral Hernia Repair With Biologic and Synthetic Mesh. Annals of Plastic Surgery, 2019, 82, S332-S338.	0.5	21
34	One-Stage versus Two-Stage Arteriovenous Loop Reconstructions: An Experience on 103 Cases from a Single Center. Plastic and Reconstructive Surgery, 2019, 143, 912-924.	0.7	40
35	Micro-RNA signatures in monozygotic twins discordant for congenital heart defects. PLoS ONE, 2019, 14, e0226164.	1.1	16
36	MicroRNA-regulated pathways of flow-stimulated angiogenesis and vascular remodeling in vivo. Journal of Translational Medicine, 2019, 17, 22.	1.8	29

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37	Deregulated microRNA and mRNA expression profiles in the peripheral blood of patients with Marfan syndrome. Journal of Translational Medicine, 2018, 16, 60.	1.8	23
38	Haemodynamically stimulated and in vivo generated axially vascularized softâ€tissue free flaps for closure of complex defects: Evaluation in a small animal model. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 622-632.	1.3	13
39	Therapeutic options and postoperative wound complications after extremity soft tissue sarcoma resection and postoperative external beam radiotherapy. International Wound Journal, 2018, 15, 148-158.	1.3	24
40	Micro-RNAâ€“Regulated Proangiogenic Signaling in Arteriovenous Loops in Patients with Combined Vascular and Soft-Tissue Reconstructions: Revisiting the Nutrient Flap Concept. Plastic and Reconstructive Surgery, 2018, 142, 489e-502e.	0.7	10
41	Collagen-Elastin and Collagen-Glycosaminoglycan Scaffolds Promote Distinct Patterns of Matrix Maturation and Axial Vascularization in Arteriovenous Loopâ€“Based Soft Tissue Flaps. Annals of Plastic Surgery, 2017, 79, 92-100.	0.5	27
42	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.	0.6	14
43	Restoration of oral competence in double free flap reconstructions of massive lower facial defects with fascia lata slings â€“ Case series and review of the literature. Case Reports in Plastic Surgery & Hand Surgery, 2015, 2, 67-72.	0.1	8
44	GATA5 and Endothelial Nitric Oxide Synthase Expression in the Ascending Aorta Is Related to Aortic Size and Valve Morphology. Annals of Thoracic Surgery, 2014, 97, 2019-2025.	0.7	13
45	Identification of Reference Genes for Quantitative RT-PCR in Ascending Aortic Aneurysms. PLoS ONE, 2013, 8, e54132.	1.1	13