

Angela L F Gibson

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

957
citations

567144

15
h-index

477173

29
g-index

52
all docs

52
docs citations

52
times ranked

1198
citing authors

#	ARTICLE	IF	CITATIONS
1	Effective Wound Healing Enabled by Discrete Alternative Electric Fields from Wearable Nanogenerators. ACS Nano, 2018, 12, 12533-12540.	7.3	234
2	Distinct inflammatory and wound healing responses to complex caudal fin injuries of larval zebrafish. ELife, 2019, 8, .	2.8	72
3	Phase I/II Clinical Evaluation of StrataGraft: A Consistent, Pathogen-Free Human Skin Substitute. Journal of Trauma, 2009, 66, 866-874.	2.3	65
4	Damage-induced reactive oxygen species regulate vimentin and dynamic collagen-based projections to mediate wound repair. ELife, 2018, 7, .	2.8	57
5	Readmission after delayed diagnosis of surgical site infection: a focus on prevention using the American College of Surgeons National Surgical Quality Improvement Program. American Journal of Surgery, 2014, 207, 832-839.	0.9	43
6	Variations in Burn Excision and Grafting. Journal of Burn Care and Research, 2017, 38, e125-e132.	0.2	38
7	Inhibition of Multidrug-resistant Acinetobacter baumannii by Nonviral Expression of hCAP-18 in a Bioengineered Human Skin Tissue. Molecular Therapy, 2009, 17, 562-569.	3.7	37
8	Priority effects dictate community structure and alter virulence of fungal-bacterial biofilms. ISME Journal, 2021, 15, 2012-2027.	4.4	34
9	Indeterminate-Depth Burn Injury—Exploring the Uncertainty. Journal of Surgical Research, 2020, 245, 183-197.	0.8	31
10	Nonviral human beta defensin-3 expression in a bioengineered human skin tissue: A therapeutic alternative for infected wounds. Wound Repair and Regeneration, 2012, 20, 414-424.	1.5	28
11	Oxygen deprivation inhibits basal keratinocyte proliferation in a model of human skin and induces region-specific changes in the distribution of epidermal adherens junction proteins, aquaporin-3, and glycogen. Wound Repair and Regeneration, 2009, 17, 606-616.	1.5	22
12	Pre-simulation orientation for medical trainees: An approach to decrease anxiety and improve confidence and performance. American Journal of Surgery, 2018, 215, 266-271.	0.9	22
13	Discordance between histologic and visual assessment of tissue viability in excised burn wound tissue. Wound Repair and Regeneration, 2019, 27, 150-161.	1.5	21
14	Optimization of interstrand interactions enables burn detection with a collagen-mimetic peptide. Organic and Biomolecular Chemistry, 2019, 17, 9906-9912.	1.5	19
15	Chimeric Composite Skin Substitutes for Delivery of Autologous Keratinocytes to Promote Tissue Regeneration. Annals of Surgery, 2010, 251, 368-376.	2.1	17
16	Accelerated complete human skin architecture restoration after wounding by nanogenerator-driven electrostimulation. Journal of Nanobiotechnology, 2021, 19, 280.	4.2	17
17	An open-label, prospective, randomized, controlled, multicenter, phase 1b study of StrataGraft skin tissue versus autografting in patients with deep partial-thickness thermal burns. Burns, 2019, 45, 1749-1758.	1.1	16
18	A phase 3, open-label, controlled, randomized, multicenter trial evaluating the efficacy and safety of StrataGraft [®] construct in patients with deep partial-thickness thermal burns. Burns, 2021, 47, 1024-1037.	1.1	16

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19	Optical imaging of collagen fiber damage to assess thermally injured human skin. <i>Wound Repair and Regeneration</i> , 2020, 28, 848-855.	1.5	15
20	Coming to Consensus: What Defines Deep Partial Thickness Burn Injuries in Porcine Models?. <i>Journal of Burn Care and Research</i> , 2021, 42, 98-109.	0.2	15
21	Improving the histologic characterization of burn depth. <i>Journal of Cutaneous Pathology</i> , 2017, 44, 998-1004.	0.7	14
22	Ex Vivo Human and Porcine Skin Effectively Model <i>Candida auris</i> Colonization, Differentiating Robust and Poor Fungal Colonizers. <i>Journal of Infectious Diseases</i> , 2022, 225, 1791-1795.	1.9	14
23	Distinct Tissue Damage and Microbial Cues Drive Neutrophil and Macrophage Recruitment to Thermal Injury. <i>IScience</i> , 2020, 23, 101699.	1.9	13
24	Predictors of dysphagia in critically injured patients with neck trauma. <i>Journal of Critical Care</i> , 2018, 44, 312-317.	1.0	12
25	Modeling early thermal injury using an ex vivo human skin model of contact burns. <i>Burns</i> , 2021, 47, 611-620.	1.1	12
26	Contrasting recruitment of skin-associated adipose depots during cold challenge of mouse and human. <i>Journal of Physiology</i> , 2022, 600, 847-868.	1.3	12
27	A simple and improved method to determine cell viability in burn-injured tissue. <i>Journal of Surgical Research</i> , 2017, 215, 83-87.	0.8	8
28	Evolution of ischemia and neovascularization in a murine model of full thickness human wound healing. <i>Wound Repair and Regeneration</i> , 2020, 28, 812-822.	1.5	8
29	Comparison of Therapeutic Antibiotic Treatments on Tissue-Engineered Human Skin Substitutes. <i>Tissue Engineering - Part A</i> , 2008, 14, 629-638.	1.6	7
30	Effect of 2% Chlorhexidine Gluconate-Impregnated Cloth on Surgical Site Infections in Vascular Surgery. <i>Annals of Vascular Surgery</i> , 2017, 43, 197-202.	0.4	6
31	A Pediatric Burn Outpatient Short Stay Program Decreases Patient Length of Stay With Equivalent Burn Outcomes. <i>Journal of Burn Care and Research</i> , 2017, 39, 1.	0.2	6
32	Setting Up for Success: Strategies to Foster Surgeons' Pursuit of Basic Science Research. <i>Journal of Surgical Research</i> , 2021, 268, 71-78.	0.8	5
33	Perioperative Multimodal Analgesia Reduces Opioid Use Following Skin Grafting in Nonintubated Burn Patients. <i>Journal of Burn Care and Research</i> , 2020, 41, 1202-1206.	0.2	4
34	Molten copper inhalation. <i>Burns</i> , 2011, 37, e50-e53.	1.1	2
35	Determining clinically meaningful thresholds for innovative burn care products to reduce autograft: A US burn surgeon Delphi panel. <i>Burns</i> , 2020, 47, 1066-1073.	1.1	2
36	Response to letter to the editor on "The use of human ex vivo models in burn research" Developments and perspectives. <i>Burns</i> , 2021, 47, 968-969.	1.1	1

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37	Response to Letter to the Editor “Defining a meaningful reduction of donor sites” Not as easy as it seems. Burns, 2021, 47, 978.	1.1	1
38	Evaluating Barriers to Surgeon-Scientists Participating in Basic Science Research. Journal of the American College of Surgeons, 2018, 227, e204.	0.2	0
39	Survey of Surgeons’ Perspectives of Wound Care Centers and Chronic Wound Care. American Surgeon, 2019, 85, 1369-1375.	0.4	0
40	31 A phase 3 open-label, controlled, randomized trial evaluating the efficacy and safety of a bioengineered allogeneic cellularized construct in patients with deep partial-thickness thermal burns. Journal of Burn Care and Research, 2021, 42, S25-S26.	0.2	0
41	Survey of Surgeons’ Perspectives of Wound Care Centers and Chronic Wound Care. American Surgeon, 2019, 85, 1369-1375.	0.4	0
42	23 Chlorhexidine Delays Wound Healing in Human Skin. Journal of Burn Care and Research, 2022, 43, S17-S18.	0.2	0
43	89 Pooled Safety Analysis Evaluating Bioengineered Allogeneic Cellularized Construct in Patients with Deep Partial-thickness Thermal Burns. Journal of Burn Care and Research, 2022, 43, S59-S60.	0.2	0
44	617 Indocyanine Green: Harnessing Novel Methods to Identify Burn Wound Healing Potential. Journal of Burn Care and Research, 2022, 43, S149-S150.	0.2	0
45	534 Allogeneic Cellularized Living Tissue in Pediatric Deep Partial Thickness Burns Reduces Need for Donor Sites. Journal of Burn Care and Research, 2022, 43, S102-S102.	0.2	0