

Stephen E Feinberg

List of Publications by Year in descending order

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46
papers

1,343
citations

430754

18
h-index

345118

36
g-index

49
all docs

49
docs citations

49
times ranked

1119
citing authors

#	ARTICLE	IF	CITATIONS
1	An image-based approach for designing and manufacturing craniofacial scaffolds. International Journal of Oral and Maxillofacial Surgery, 2000, 29, 67-71.	0.7	198
2	Autogenous soft tissue grafting for periodontal and peri-implant plastic surgical reconstruction. Journal of Periodontology, 2020, 91, 9-16.	1.7	131
3	The use of a pedicled temporalis muscle-pericranial flap for replacement of the TMJ disc: Preliminary report. Journal of Oral and Maxillofacial Surgery, 1989, 47, 142-146.	0.5	113
4	Extracellular matrix-based scaffolding technologies for periodontal and peri-implant soft tissue regeneration. Journal of Periodontology, 2020, 91, 17-25.	1.7	94
5	Ex vivo development of a composite human oral mucosal equivalent. Journal of Oral and Maxillofacial Surgery, 1999, 57, 571-577.	0.5	85
6	Development of a Tissue-Engineered Human Oral Mucosa: From the Bench to the Bed Side. Cells Tissues Organs, 2004, 176, 134-152.	1.3	85
7	Image-Based Biomimetic Approach to Reconstruction of the Temporomandibular Joint. Cells Tissues Organs, 2001, 169, 309-321.	1.3	53
8	Evaluation of Transplanted Tissue-Engineered Oral Mucosa Equivalents in Severe Combined Immunodeficient Mice. Tissue Engineering, 2003, 9, 163-174.	4.9	51
9	Intraoral Grafting of Tissue-Engineered Human Oral Mucosa. International Journal of Oral and Maxillofacial Implants, 2013, 28, e295-e303.	0.6	50
10	Role of Tissue Engineering in Oral and Maxillofacial Reconstruction: Findings of the 2005 AAOMS Research Summit. Journal of Oral and Maxillofacial Surgery, 2005, 63, 1418-1425.	0.5	42
11	The potential of label-free nonlinear optical molecular microscopy to non-invasively characterize the viability of engineered human tissue constructs. Biomaterials, 2014, 35, 6667-6676.	5.7	36
12	Constitutive Release of Cytokines by Human Oral Keratinocytes in an Organotypic Culture. Journal of Oral and Maxillofacial Surgery, 2009, 67, 1256-1264.	0.5	33
13	Biologics-based regenerative technologies for periodontal soft tissue engineering. Journal of Periodontology, 2020, 91, 147-154.	1.7	32
14	Tissue Engineering of Lips and Muco-Cutaneous Junctions: <i>In Vitro</i> Development of Tissue Engineered Constructs of Oral Mucosa and Skin for Lip Reconstruction. Tissue Engineering - Part C: Methods, 2012, 18, 273-282.	1.1	29
15	Comparison of two decellularized dermal equivalents. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 983-990.	1.3	25
16	Fabrication of Large Size <i>Ex Vivo</i> Produced Oral Mucosal Equivalents for Clinical Application. Tissue Engineering - Part C: Methods, 2015, 21, 872-880.	1.1	22
17	Human Oral Mucosa Tissue-Engineered Constructs Monitored by Raman Fiber-Optic Probe. Tissue Engineering - Part C: Methods, 2015, 21, 46-51.	1.1	21
18	Raman spectroscopy monitoring of the cellular activities of a tissue-engineered <i>ex vivo</i> produced oral mucosal equivalent. Journal of Raman Spectroscopy, 2011, 42, 174-178.	1.2	20

#	ARTICLE	IF	CITATIONS
19	Rapid Self-Assembly of Macroscale Tissue Constructs at Biphasic Aqueous Interfaces. <i>Advanced Functional Materials</i> , 2015, 25, 1694-1699.	7.8	19
20	Characterization of a unique technique for culturing primary adult human epithelial progenitor/stem cells. <i>BMC Dermatology</i> , 2012, 12, 8.	2.1	18
21	The temporalis muscle flap in contemporary oral and maxillofacial surgery. <i>Oral and Maxillofacial Surgery Clinics of North America</i> , 2003, 15, 513-535.	0.4	17
22	Development and characterization of a canine oral mucosa equivalent in a serum-free environment. <i>Journal of Biomedical Materials Research Part B</i> , 2004, 71A, 143-153.	3.0	17
23	Tissue Engineering of TMJ and Bone: Concept to Clinic Approach. <i>Journal of Oral and Maxillofacial Surgery</i> , 2008, 66, 7-8.	0.5	17
24	Isolation of small-sized human epidermal progenitor/stem cells by Gravity Assisted Cell Sorting (GACS). <i>Journal of Dermatological Science</i> , 2009, 56, 181-187.	1.0	17
25	Living cell-based regenerative medicine technologies for periodontal soft tissue augmentation. <i>Journal of Periodontology</i> , 2020, 91, 155-164.	1.7	15
26	Compact dual-mode diffuse optical system for blood perfusion monitoring in a porcine model of microvascular tissue flaps. <i>Journal of Biomedical Optics</i> , 2017, 22, 1.	1.4	13
27	In Vitro Development of a Mucocutaneous Junction for Lip Reconstruction. <i>Journal of Oral and Maxillofacial Surgery</i> , 2016, 74, 2317-2326.	0.5	12
28	Intraoral grafting of a canine full-thickness oral mucosal equivalent produced in vitro. <i>Journal of Oral and Maxillofacial Surgery</i> , 1989, 47, 712-718.	0.5	10
29	Brain Mechanisms of Virtual Reality Breathing Versus Traditional Mindful Breathing in Pain Modulation: Observational Functional Near-infrared Spectroscopy Study. <i>Journal of Medical Internet Research</i> , 2021, 23, e27298.	2.1	10
30	Tissue Engineered Oral Mucosa. , 2015, , 721-731.		7
31	A disposable flexible skin patch for clinical optical perfusion monitoring at multiple depths. , 2016, 9715, .		7
32	Phenotypic markers of oral keratinocytes seeded on two distinct 3D oral mucosa models. <i>Toxicology in Vitro</i> , 2018, 51, 34-39.	1.1	7
33	A compact instrument to measure perfusion of vasculature in transplanted maxillofacial free flaps. <i>Proceedings of SPIE</i> , 2016, 9715, .	0.8	6
34	Noninvasive Optical Assessment of Implanted Engineered Tissues Correlates with Cytokine Secretion. <i>Tissue Engineering - Part C: Methods</i> , 2018, 24, 214-221.	1.1	4
35	Optical Metric Assessed Engineered Tissues Over a Range of Viability States. <i>Tissue Engineering - Part C: Methods</i> , 2019, 25, 305-313.	1.1	4
36	In vivo preclinical verification of a multimodal diffuse reflectance and correlation spectroscopy system for sensing tissue perfusion. , 2017, 10072, .		2

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37	Novel diffuse optics system for continuous tissue viability monitoring: extended recovery in vivo testing in a porcine flap model. Proceedings of SPIE, 2017, 10054, .	0.8	2
38	High-Frequency Ultrasonic Imaging of Growth and Development in Manufactured Engineered Oral Mucosal Tissue Surfaces. Ultrasound in Medicine and Biology, 2014, 40, 2244-2251.	0.7	1
39	904 Dynamic Functioning of Latissimus Dorsi Muscle NeoSphincters Compared to Native Anal Sphincters in the Rat. Gastroenterology, 2016, 150, S1194.	0.6	1
40	Noninvasive Optical Assessment of Implanted Tissue-Engineered Construct Success <i>In Situ</i>. Tissue Engineering - Part C: Methods, 2021, 27, 287-295.	1.1	1
41	Expression of glucose transporter 1 (GLUT 1) in the epithelial layer of an ex vivo produced human oral mucosa equivalent.. Nihon Koku Geka Gakkai Zasshi, 2001, 47, 289-292.	0.0	1
42	Production of progenitor cells from primary human epithelial cell monolayer cultures. In Vitro Cellular and Developmental Biology - Animal, 2018, 54, 413-422.	0.7	0
43	Principles of Soft Tissue Engineering for Craniomaxillofacial Reconstruction. , 2019, , 53-70.		0
44	Role of Biomimetics in Reconstruction of the Temporomandibular Joint. Oral and Maxillofacial Surgery Clinics of North America, 2000, 12, 149-160.	0.4	0
45	Proteomics Characterization of Primary Human Oral Epithelial Cells Using a Novel Culture Technique for Use in Tissue Regeneration. MOJ Proteomics & Bioinformatics, 2015, 2, .	0.1	0
46	Tissue Engineering of Composite Soft Tissue Grafts for Craniomaxillofacial Reconstruction. , 2019, , 71-83.		0