

Laura E Sidney

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,417
citations

567247

15
h-index

642715

23
g-index

24
all docs

24
docs citations

24
times ranked

2937
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential of mesenchymal stem cells as topical immunomodulatory cell therapies for ocular surface inflammatory disorders. <i>Stem Cells Translational Medicine</i> , 2021, 10, 39-49.	3.3	20
2	The eggshell membrane: A potential biomaterial for corneal wound healing. <i>Journal of Biomaterials Applications</i> , 2021, 36, 912-929.	2.4	19
3	The electrospinning of a thermo-responsive polymer with peptide conjugates for phenotype support and extracellular matrix production of therapeutically relevant mammalian cells. <i>Biomaterials Science</i> , 2020, 8, 2611-2626.	5.4	6
4	Bioinspired Precision Engineering of Three-Dimensional Epithelial Stem Cell Microniches. <i>Advanced Biology</i> , 2020, 4, e2000016.	3.0	10
5	Preparation of Dried Amniotic Membrane for Corneal Repair. <i>Methods in Molecular Biology</i> , 2020, 2145, 143-157.	0.9	7
6	Validation and assessment of an antibiotic-based, aseptic decontamination manufacturing protocol for therapeutic, vacuum-dried human amniotic membrane. <i>Scientific Reports</i> , 2019, 9, 12854.	3.3	10
7	A thermoresponsive three-dimensional fibrous cell culture platform for enzyme-free expansion of mammalian cells. <i>Acta Biomaterialia</i> , 2019, 95, 427-438.	8.3	10
8	Anti-inflammatory potential of human corneal stroma-derived stem cells determined by a novel <i>in vitro</i> corneal epithelial injury model. <i>World Journal of Stem Cells</i> , 2019, 11, 84-99.	2.8	7
9	<i>In vitro</i> evaluation of electrospun blends of gelatin and PCL for application as a partial thickness corneal graft. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 828-838.	4.0	21
10	Corneal keratocyte transition to mesenchymal stem cell phenotype and reversal using serum-free medium supplemented with fibroblast growth factor-2, transforming growth factor- β 3 and retinoic acid. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e203-e215.	2.7	25
11	3D Microfabricated Scaffolds and Microfluidic Devices for Ocular Surface Replacement: a Review. <i>Stem Cell Reviews and Reports</i> , 2017, 13, 430-441.	5.6	14
12	Cultivation and characterisation of the surface markers and carbohydrate profile of human corneal endothelial cells. <i>Clinical and Experimental Ophthalmology</i> , 2017, 45, 509-519.	2.6	3
13	Terminal sterilization: Conventional methods versus emerging cold atmospheric pressure plasma technology for non-viable biological tissues. <i>Plasma Processes and Polymers</i> , 2017, 14, 1600134.	3.0	16
14	Corneal Decellularization: A Method of Recycling Unsuitable Donor Tissue for Clinical Translation?. <i>Current Eye Research</i> , 2016, 41, 769-782.	1.5	62
15	Phenotypic Change and Induction of Cytokeratin Expression During <i>In Vitro</i> Culture of Corneal Stromal Cells. , 2015, 56, 7225.		25
16	Expression of Toll-like receptors in human retinal and choroidal vascular endothelial cells. <i>Experimental Eye Research</i> , 2015, 138, 114-123.	2.6	35
17	Endothelial cell loss following tissue harvesting by pneumodissection for endothelial keratoplasty: an <i>ex vivo</i> study. <i>British Journal of Ophthalmology</i> , 2015, 99, 710-713.	3.9	26
18	Effect of culture medium on propagation and phenotype of corneal stroma-derived stem cells. <i>Cytherapy</i> , 2015, 17, 1706-1722.	0.7	25

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19	Investigation of Localized Delivery of Diclofenac Sodium from Poly(D,L-Lactic Acid-co-Glycolic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T Engineering - Part A, 2015, 21, 362-373.	3.1	28
20	Comparison of Osteogenic Differentiation of Embryonic Stem Cells and Primary Osteoblasts Revealed by Responses to IL-1 β , TNF- α , and IFN- γ . Stem Cells and Development, 2014, 23, 605-617.	2.1	42
21	Concise Review: Evidence for CD34 as a Common Marker for Diverse Progenitors. Stem Cells, 2014, 32, 1380-1389.	3.2	649
22	Characterization of corneal stromal stem cells with the potential for epithelial transdifferentiation. Stem Cell Research and Therapy, 2013, 4, 75.	5.5	67
23	Hydrogels derived from demineralized and decellularized bone extracellular matrix. Acta Biomaterialia, 2013, 9, 7865-7873.	8.3	224
24	Keeping an Eye on Decellularized Corneas: A Review of Methods, Characterization and Applications. Journal of Functional Biomaterials, 2013, 4, 114-161.	4.4	66