Helen E Colley

List of Publications by Year
in descending order

35 papers	1,246 citations	361045 20 h-index	360668 35 g-index
35 all docs	35 docs citations	35 times ranked	2239 citing authors

#	Article	IF	Citations
1	Immune mechanisms in oral lichen planus. Oral Diseases, 2023, 29, 1400-1415.	1.5	38
2	The SUMO protease SENP3 regulates mitochondrial autophagy mediated by Fis1. EMBO Reports, 2022, 23, e48754.	2.0	24
3	Corticosteroid delivery using oral mucosa equivalents for the treatment of inflammatory mucosal diseases. European Journal of Oral Sciences, 2021, 129, e12761.	0.7	8
4	Determination of Chemical Irritation Potential Using a Defined Gene Signature Set on Tissue-Engineered Human Skin Equivalents. JID Innovations, 2021, 1, 100011.	1.2	3
5	A mathematical investigation into the uptake kinetics of nanoparticles in vitro. PLoS ONE, 2021, 16, e0254208.	1.1	2
6	Immunoresponsive Tissue-Engineered Oral Mucosal Equivalents Containing Macrophages. Tissue Engineering - Part C: Methods, 2021, 27, 462-471.	1.1	8
7	Mucoadhesive Electrospun Fibre-Based Technologies for Oral Medicine. Pharmaceutics, 2020, 12, 504.	2.0	33
8	Multiscale modelling of drug transport and metabolism in liver spheroids. Interface Focus, 2020, 10, 20190041.	1.5	29
9	Incorporation of lysozyme into a mucoadhesive electrospun patch for rapid protein delivery to the oral mucosa. Materials Science and Engineering C, 2020, 112, 110917.	3.8	35
10	Targeted magnetic nanoparticle hyperthermia for the treatment of oral cancer. Journal of Oral Pathology and Medicine, 2019, 48, 803-809.	1.4	57
11	Mucoadhesive Electrospun Patch Delivery of Lidocaine to the Oral Mucosa and Investigation of Spatial Distribution in a Tissue Using MALDI-Mass Spectrometry Imaging. Molecular Pharmaceutics, 2019, 16, 3948-3956.	2.3	26
12	Preparation of Primary Rat Hepatocyte Spheroids Utilizing the Liquid–Overlay Technique. Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al], 2019, 81, e87.	1.1	7
13	In silico-guided optimisation of oxygen gradients in hepatic spheroids. Computational Toxicology, 2019, 12, 100093.	1.8	7
14	Attenuation of doxorubicin-induced cardiotoxicity in a human in vitro cardiac model by the induction of the NRF-2 pathway. Biomedicine and Pharmacotherapy, 2019, 112, 108637.	2.5	16
15	Design of a nanostructured mucoadhesive system containing curcumin for buccal application: from physicochemical to biological aspects. Beilstein Journal of Nanotechnology, 2019, 10, 2304-2328.	1.5	17
16	Characterisation of a functional rat hepatocyte spheroid model. Toxicology in Vitro, 2019, 55, 160-172.	1.1	32
17	Cooling of the oral mucosa to prevent adverse effects of chemotherapeutic agents: An in vitro study. Journal of Oral Pathology and Medicine, 2018, 47, 477-483.	1.4	20
18	Impact of cell types and culture methods on the functionality of in vitro liver systems – A review of cell systems for hepatotoxicity assessment. Toxicology in Vitro, 2018, 48, 262-275.	1.1	45

#	Article	IF	Citations
19	A simple rocker‐induced mechanical stimulus upregulates mineralization by human osteoprogenitor cells in fibrous scaffolds. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 370-381.	1.3	21
20	Use of a Rho kinase inhibitor to increase human tonsil keratinocyte longevity for three‐dimensional, tissue engineered tonsil epithelium equivalents. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, e1636-e1646.	1.3	6
21	Expression and enzyme activity of cytochrome P450 enzymes <scp>CYP</scp>3A4 and <scp>CYP</scp>3A5 in human skin and tissue‐engineered skin equivalents. Experimental Dermatology, 2018, 27, 473-475.	1.4	9
22	A Combined InÂVitro/In Silico Approach to Identifying Off-Target Receptor Toxicity. IScience, 2018, 4, 84-96.	1.9	5
23	Fabrication of Electrospun Mucoadhesive Membranes for Therapeutic Applications in Oral Medicine. ACS Applied Materials & Interfaces, 2017, 9, 11557-11567.	4.0	35
24	Oxygen Mapping of Melanoma Spheroids using Small Molecule Platinum Probe and Phosphorescence Lifetime Imaging Microscopy. Scientific Reports, 2017, 7, 10743.	1.6	34
25	Raman spectroscopy can discriminate between normal, dysplastic and cancerous oral mucosa: a tissue-engineering approach. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 3253-3262.	1.3	22
26	Development and Characterization of<i>In Vitro</i>Human Oral Mucosal Equivalents Derived from Immortalized Oral Keratinocytes. Tissue Engineering - Part C: Methods, 2016, 22, 1108-1117.	1.1	28
27	Characterization of a functional C3A liver spheroid model. Toxicology Research, 2016, 5, 1053-1065.	0.9	96
28	An Orally Bioavailable, Indole-3-glyoxylamide Based Series of Tubulin Polymerization Inhibitors Showing Tumor Growth Inhibition in a Mouse Xenograft Model of Head and Neck Cancer. Journal of Medicinal Chemistry, 2015, 58, 9309-9333.	2.9	47
29	Combined mathematical modelling and experimentation to predict polymersome uptake by oral cancer cells. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 339-348.	1.7	20
30	Development of a Dewaxing Protocol for Tissue-Engineered Models of the Oral Mucosa Used for Raman Spectroscopic Analysis. Applied Spectroscopy Reviews, 2014, 49, 614-617.	3.4	24
31	Polymersome-Mediated Delivery of Combination Anticancer Therapy to Head and Neck Cancer Cells: 2D and 3D <i>in Vitro</i> Evaluation. Molecular Pharmaceutics, 2014, 11, 1176-1188.	2.3	122
32	Tissue-engineered oral mucosa to study radiotherapy-induced oral mucositis. International Journal of Radiation Biology, 2013, 89, 907-914.	1.0	18
33	Culture on fibrin matrices maintains the colony-forming capacity and osteoblastic differentiation of mesenchymal stem cells. Biomedical Materials (Bristol), 2012, 7, 045015.	1.7	18
34	Evaluation of tissue engineered models of the oral mucosa to investigate oral candidiasis. Microbial Pathogenesis, 2011, 50, 278-285.	1.3	51
35	Expression of Tie-2 by Human Monocytes and Their Responses to Angiopoietin-2. Journal of Immunology, 2007, 178, 7405-7411.	0.4	283