

Vanessa Hearnden

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,010
citations

623188

14
h-index

580395

25
g-index

32
all docs

32
docs citations

32
times ranked

1718
citing authors

#	ARTICLE	IF	CITATIONS
1	New developments and opportunities in oral mucosal drug delivery for local and systemic disease. <i>Advanced Drug Delivery Reviews</i> , 2012, 64, 16-28.	6.6	251
2	Polysome-Mediated Delivery of Combination Anticancer Therapy to Head and Neck Cancer Cells: 2D and 3D <i>in Vitro</i> Evaluation. <i>Molecular Pharmaceutics</i> , 2014, 11, 1176-1188.	2.3	122
3	Tissue-engineered Oral Mucosa. <i>Journal of Dental Research</i> , 2012, 91, 642-650.	2.5	90
4	Development of tissue-engineered models of oral dysplasia and early invasive oral squamous cell carcinoma. <i>British Journal of Cancer</i> , 2011, 105, 1582-1592.	2.9	81
5	Enhanced Fluorescence Imaging of Live Cells by Effective Cytosolic Delivery of Probes. <i>PLoS ONE</i> , 2010, 5, e10459.	1.1	80
6	Diffusion Studies of Nanometer Polysomes Across Tissue Engineered Human Oral Mucosa. <i>Pharmaceutical Research</i> , 2009, 26, 1718-1728.	1.7	66
7	Internalization and biodistribution of polysomes into oral squamous cell carcinoma cells <i>in vitro</i> and <i>in vivo</i> . <i>Nanomedicine</i> , 2010, 5, 1025-1036.	1.7	49
8	The effect of porous structure on the cell proliferation, tissue ingrowth and angiogenic properties of poly(glycerol sebacate urethane) scaffolds. <i>Materials Science and Engineering C</i> , 2020, 108, 110384.	3.8	49
9	Use of electrical impedance spectroscopy to detect malignant and potentially malignant oral lesions. <i>International Journal of Nanomedicine</i> , 2014, 9, 4521.	3.3	31
10	Fucoidan Inhibition of Osteosarcoma Cells is Species and Molecular Weight Dependent. <i>Marine Drugs</i> , 2020, 18, 104.	2.2	26
11	Synergistic effect of bovine platelet lysate and various polysaccharides on the biological properties of collagen-based scaffolds for tissue engineering: Scaffold preparation, chemo-physical characterization, <i>in vitro</i> and <i>ex ovo</i> evaluation. <i>Materials Science and Engineering C</i> , 2019, 100, 236-246.	3.8	21
12	Combined mathematical modelling and experimentation to predict polysome uptake by oral cancer cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 339-348.	1.7	20
13	Mutual influence of selenium nanoparticles and FGF2-STAB [®] on biocompatible properties of collagen/chitosan 3D scaffolds: <i>in vitro</i> and <i>ex ovo</i> evaluation. <i>Journal of Nanobiotechnology</i> , 2021, 19, 103.	4.2	16
14	Healing and Angiogenic Properties of Collagen/Chitosan Scaffolds Enriched with Hyperstable FGF2-STAB [®] Protein: <i>In Vitro</i> , <i>Ex Ovo</i> and <i>In Vivo</i> Comprehensive Evaluation. <i>Biomedicines</i> , 2021, 9, 590.	1.4	16
15	Oral human papillomavirus infection in England and associated risk factors: a case-control study. <i>BMJ Open</i> , 2018, 8, e022497.	0.8	15
16	Evaluating the use of optical coherence tomography for the detection of epithelial cancers <i>in vitro</i> . <i>Journal of Biomedical Optics</i> , 2011, 16, 116015.	1.4	12
17	A novel characterisation approach to reveal the mechanochemical effects of oxidation and dynamic distension on polypropylene surgical mesh. <i>RSC Advances</i> , 2021, 11, 34710-34723.	1.7	10
18	Synthetic Hydroxyapatite Inhibits Bisphosphonate Toxicity to the Oral Mucosa <i>In Vitro</i> . <i>Materials</i> , 2020, 13, 2086.	1.3	9

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19	Methyl-donor depletion of head and neck cancer cells in vitro establishes a less aggressive tumour cell phenotype. <i>European Journal of Nutrition</i> , 2018, 57, 1321-1332.	1.8	8
20	A micro-incubator for cell and tissue imaging. <i>BioTechniques</i> , 2010, 48, 135-138.	0.8	7
21	Tracking Nanoparticles in Three-Dimensional Tissue-Engineered Models Using Confocal Laser Scanning Microscopy. <i>Methods in Molecular Biology</i> , 2011, 695, 41-51.	0.4	6
22	Use of a Rho kinase inhibitor to increase human tonsil keratinocyte longevity for three-dimensional, tissue engineered tonsil epithelium equivalents. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e1636-e1646.	1.3	6
23	Hybrid hydrogels based on polysaccharide gum karaya, poly(vinyl alcohol) and silk fibroin. <i>Materials Research Express</i> , 2019, 6, 035304.	0.8	6
24	A physiologically relevant, estradiol-responsive in vitro tissue-engineered model of the vaginal epithelium for vaginal tissue research. <i>Neurourology and Urodynamics</i> , 2022, 41, 905-917.	0.8	5
25	A Review Into the Effects of Pamidronic Acid and Zoledronic Acid on the Oral Mucosa in Medication-Related Osteonecrosis of the Jaw. <i>Frontiers in Oral Health</i> , 2021, 2, 822411.	1.2	4
26	Tissue-engineered models of oral soft tissue diseases. , 2017, , 245-255.		2
27	Fabrication of Hierarchical Multilayer Poly(Glycerol Sebacate urethane) Scaffolds Based on Ice-Templating. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5004.	1.3	1
28	In vitro Effect of Geranylgeraniol (GGOH) on Bisphosphonate-Induced Cytotoxicity of Oral Mucosa Cells. <i>Frontiers in Oral Health</i> , 0, 3, .	1.2	1
29	1300 nm and 890 nm OCT images of oral cancer tissue engineered models and biopsy samples offer complimentary performance (Conference Presentation). , 2016, , .		0
30	Bending bad testing caramel wafer bars (#TestATunnocks). <i>Physics Education</i> , 2021, 56, 055002.	0.3	0
31	A Ruthenium(II) Polypyridyl Complex Disrupts Actin Cytoskeleton Assembly and Blocks Cytokinesis. <i>Angewandte Chemie</i> , 0, , .	1.6	0