

Alastair J Sloan

List of Publications by Year in descending order

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35
papers

897
citations

566801

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h-index

476904

29
g-index

45
all docs

45
docs citations

45
times ranked

1262
citing authors

#	ARTICLE	IF	CITATIONS
1	Dental Pulp Stem Cell Heterogeneity: Finding Superior Quality "Needles" in a Dental Pulpal "Haystack" for Regenerative Medicine-Based Applications. <i>Stem Cells International</i> , 2022, 2022, 1-20.	1.2	13
2	Growth factor release and dental pulp stem cell attachment following dentine conditioning: An <i>in vitro</i> study. <i>International Endodontic Journal</i> , 2022, 55, 858-869.	2.3	3
3	Differential SOD2 and GSTZ1 profiles contribute to contrasting dental pulp stem cell susceptibilities to oxidative damage and premature senescence. <i>Stem Cell Research and Therapy</i> , 2021, 12, 142.	2.4	10
4	Synergistic In Vitro Antimicrobial Activity of Pomegranate Rind Extract and Zinc (II) against <i>Micrococcus luteus</i> under Planktonic and Biofilm Conditions. <i>Pharmaceutics</i> , 2021, 13, 851.	2.0	11
5	Mucoadhesive thin films for the simultaneous delivery of microbicide and anti-inflammatory drugs in the treatment of periodontal diseases. <i>International Journal of Pharmaceutics</i> , 2020, 573, 118860.	2.6	21
6	Liposomes loaded with transforming growth factor β 1 promote odontogenic differentiation of dental pulp stem cells. <i>Journal of Dentistry</i> , 2020, 103, 103501.	1.7	13
7	Evaluation of the In Vitro Oral Wound Healing Effects of Pomegranate (<i>Punica granatum</i>) Rind Extract and Punicalagin, in Combination with Zn (II). <i>Biomolecules</i> , 2020, 10, 1234.	1.8	30
8	Measuring Antibiotic Stewardship Programmes and Initiatives: An Umbrella Review in Primary Care Medicine and a Systematic Review of Dentistry. <i>Antibiotics</i> , 2020, 9, 607.	1.5	13
9	Evaluation of Dental Pulp Stem Cell Heterogeneity and Behaviour in 3D Type I Collagen Gels. <i>BioMed Research International</i> , 2020, 2020, 1-12.	0.9	13
10	Methylcellulose Hydrogel with <i>Melissa officinalis</i> Essential Oil as a Potential Treatment for Oral Candidiasis. <i>Microorganisms</i> , 2020, 8, 215.	1.6	27
11	Interrogating the Osteogenic Potential of Implant Surfaces In Vitro: A Review of Current Assays. <i>Tissue Engineering - Part B: Reviews</i> , 2020, 26, 217-229.	2.5	5
12	A novel dual action monolithic thermosetting hydrogel loaded with lidocaine and metronidazole as a potential treatment for alveolar osteitis. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 149, 85-94.	2.0	8
13	Discrimination of Dental Pulp Stem Cell Regenerative Heterogeneity by Single-Cell Raman Spectroscopy. <i>Tissue Engineering - Part C: Methods</i> , 2019, 25, 489-499.	1.1	16
14	Efficacy of copolymer scaffolds delivering human demineralised dentine matrix for bone regeneration. <i>Journal of Tissue Engineering</i> , 2019, 10, 204173141985270.	2.3	16
15	Wnt-GSK3 β -Catenin Regulates the Differentiation of Dental Pulp Stem Cells into Bladder Smooth Muscle Cells. <i>Stem Cells International</i> , 2019, 2019, 1-13.	1.2	16
16	<p>Anti-inflammatory drug-eluting implant model system to prevent wear particle-induced periprosthetic osteolysis</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 1069-1084.	3.3	14
17	Real-time binding kinetic analyses of the interaction of the dietary stain orange II with dentin matrix. <i>Journal of Dentistry</i> , 2019, 80, 80-88.	1.7	2
18	<i>Enterococcus faecalis</i> Demonstrates Pathogenicity through Increased Attachment in an <i>Ex Vivo</i> Polymicrobial Pulpal Infection. <i>Infection and Immunity</i> , 2018, 86, .	1.0	6

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19	Liposomal Delivery of Demineralized Dentin Matrix for Dental Tissue Regeneration. Tissue Engineering - Part A, 2018, 24, 1057-1065.	1.6	24
20	An ex-vivo model to determine dental pulp responses to heat and light-curing of dental restorative materials. Journal of Dentistry, 2018, 79, 11-18.	1.7	11
21	Isolation and Characterisation of Mesenchymal Stem Cells from Rat Bone Marrow and the Endosteal Niche: A Comparative Study. Stem Cells International, 2018, 2018, 1-14.	1.2	41
22	Variation in human dental pulp stem cell ageing profiles reflect contrasting proliferative and regenerative capabilities. BMC Cell Biology, 2017, 18, 12.	3.0	77
23	Clonal Heterogeneity in the Neuronal and Glial Differentiation of Dental Pulp Stem/Progenitor Cells. Stem Cells International, 2016, 2016, 1-10.	1.2	29
24	Bladder Smooth Muscle Cells Differentiation from Dental Pulp Stem Cells: Future Potential for Bladder Tissue Engineering. Stem Cells International, 2016, 2016, 1-11.	1.2	34
25	An assessment of early colonisation of implant-abutment metal surfaces by single species and co-cultured bacterial periodontal pathogens. Journal of Dentistry, 2016, 53, 64-72.	1.7	12
26	Pre-prosthetic use of poly(lactic-co-glycolic acid) membranes treated with oxygen plasma and TiO ₂ nanocomposite particles for guided bone regeneration processes. Journal of Dentistry, 2016, 47, 71-79.	1.7	12
27	Oral Mucosal Lamina Propria-Progenitor Cells Exert Antibacterial Properties via the Secretion of Osteoprotegerin and Haptoglobin. Stem Cells Translational Medicine, 2015, 4, 1283-1293.	1.6	18
28	Elucidating the cellular actions of demineralised dentine matrix extract on a clonal dental pulp stem cell population in orchestrating dental tissue repair. Journal of Tissue Engineering, 2015, 6, 204173141558631.	2.3	29
29	A 3D <i>ex vivo</i> mandible slice system for longitudinal culturing of transplanted dental pulp progenitor cells. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2015, 87, 921-928.	1.1	7
30	Quantification of clonal heterogeneity of mesenchymal progenitor cells in dental pulp and bone marrow. Connective Tissue Research, 2014, 55, 62-67.	1.1	23
31	In vivo comparative model of oxygen plasma and nanocomposite particles on PLGA membranes for guided bone regeneration processes to be applied in pre-prosthetic surgery: A pilot study. Journal of Dentistry, 2014, 42, 1446-1457.	1.7	14
32	Effect of Low-Intensity Pulsed Ultrasound on Orthodontically Induced Root Resorption in Beagle Dogs. Ultrasound in Medicine and Biology, 2014, 40, 1187-1196.	0.7	44
33	Dental Tissue Repair: Novel Models for Tissue Regeneration Strategies. Open Dentistry Journal, 2012, 6, 214-219.	0.2	8
34	Dental pulp stem cells: what, where, how?. International Journal of Paediatric Dentistry, 2009, 19, 61-70.	1.0	128
35	Isolation of Distinct Progenitor Stem Cell Populations from Dental Pulp. Cells Tissues Organs, 2009, 189, 268-274.	1.3	141