

Ryan Moseley

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

2,194
citations

236612

25
h-index

223531

46
g-index

50
all docs

50
docs citations

50
times ranked

2965
citing authors

#	ARTICLE	IF	CITATIONS
1	Periodontal Disease Mechanisms: Reactive oxygen species: a potential role in the pathogenesis of periodontal diseases. <i>Oral Diseases</i> , 2000, 6, 138-151.	1.5	325
2	Fibroblast Dysfunction Is a Key Factor in the Non-Healing of Chronic Venous Leg Ulcers. <i>Journal of Investigative Dermatology</i> , 2008, 128, 2526-2540.	0.3	166
3	Degradation of glycosaminoglycans by reactive oxygen species derived from stimulated polymorphonuclear leukocytes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1997, 1362, 221-231.	1.8	130
4	Comparison of oxidative stress biomarker profiles between acute and chronic wound environments. <i>Wound Repair and Regeneration</i> , 2004, 12, 419-429.	1.5	115
5	Dextrinâ€”rhEGF conjugates as bioresponsive nanomedicines for wound repair. <i>Journal of Controlled Release</i> , 2008, 130, 275-283.	4.8	107
6	Extracellular matrix metabolites as potential biomarkers of disease activity in wound fluid: lessons learned from other inflammatory diseases?. <i>British Journal of Dermatology</i> , 2004, 150, 401-413.	1.4	100
7	Comparison of the antioxidant properties of wound dressing materialsâ€”carboxymethylcellulose, hyaluronan benzyl ester and hyaluronan, towards polymorphonuclear leukocyte-derived reactive oxygen species. <i>Biomaterials</i> , 2003, 24, 1549-1557.	5.7	89
8	The effect of dextrinâ€”rhEGF on the healing of full-thickness, excisional wounds in the (db/db) diabetic mouse. <i>Journal of Controlled Release</i> , 2011, 152, 411-417.	4.8	81
9	Variation in human dental pulp stem cell ageing profiles reflect contrasting proliferative and regenerative capabilities. <i>BMC Cell Biology</i> , 2017, 18, 12.	3.0	77
10	Myofibroblasts: Function, Formation, and Scope of Molecular Therapies for Skin Fibrosis. <i>Biomolecules</i> , 2021, 11, 1095.	1.8	77
11	The chemical modification of glycosaminoglycan structure by oxygen-derived species in vitro. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1995, 1244, 245-252.	1.1	68
12	Hyaluronan and its Potential Role in Periodontal Healing. <i>Dental Update</i> , 2002, 29, 144-148.	0.1	57
13	Bioresponsive Dextrinâ€”rhEGF Conjugates: <i>In Vitro</i> Evaluation in Models Relevant to Its Proposed Use as a Treatment for Chronic Wounds. <i>Molecular Pharmaceutics</i> , 2010, 7, 699-707.	2.3	57
14	Non-healing is associated with persistent stimulation of the innate immune response in chronic venous leg ulcers. <i>Journal of Dermatological Science</i> , 2010, 59, 115-122.	1.0	56
15	Comparison of the antioxidant properties of HYAFFâ„®-11p75, AQUACELâ„® and hyaluronan towards reactive oxygen species in vitro. <i>Biomaterials</i> , 2002, 23, 2255-2264.	5.7	55
16	Evaluation of the physical and biological properties of hyaluronan and hyaluronan fragments. <i>International Journal of Pharmaceutics</i> , 2011, 420, 84-92.	2.6	52
17	Isolation and Characterisation of Mesenchymal Stem Cells from Rat Bone Marrow and the Endosteal Niche: A Comparative Study. <i>Stem Cells International</i> , 2018, 2018, 1-14.	1.2	41
18	Optimisation of the hydrogen peroxide pre-treatment of titanium: surface characterisation and protein adsorption. <i>Clinical Oral Implants Research</i> , 2008, 19, 1317-1326.	1.9	40

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19	The Modification of Alveolar Bone Proteoglycans by Reactive Oxygen Species <i>In Vitro</i>. <i>Connective Tissue Research</i> , 1998, 37, 13-28.	1.1	39
20	Lipopolysaccharide alters decorin and biglycan synthesis in rat alveolar bone osteoblasts: consequences for bone repair during periodontal disease. <i>European Journal of Oral Sciences</i> , 2008, 116, 207-216.	0.7	34
21	â€˜Youngâ€™™ Oral Fibroblasts Are Geno/Phenotypically Distinct. <i>Journal of Dental Research</i> , 2010, 89, 1407-1413.	2.5	31
22	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
23	Cerebral Oxidative Stress and Microvasculature Defects in TNF- β Expressing Transgenic and <i>Porphyromonas gingivalis</i> -Infected ApoE α 0/â€˜â€˜ Mice. <i>Journal of Alzheimer's Disease</i> , 2017, 60, 359-369.	1.2	29
24	Contrasting host immuno-inflammatory responses to bacterial challenge within venous and diabetic ulcers. <i>Wound Repair and Regeneration</i> , 2014, 22, 58-69.	1.5	28
25	Hepatocyte Growth Factor Mediates Enhanced Wound Healing Responses and Resistance to Transforming Growth Factor- β 1-Driven Myofibroblast Differentiation in Oral Mucosal Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1843.	1.8	28
26	Increased Oral Fibroblast Lifespan Is Telomerase-independent. <i>Journal of Dental Research</i> , 2009, 88, 916-921.	2.5	25
27	Effects of high glucose conditions on the expansion and differentiation capabilities of mesenchymal stromal cells derived from rat endosteal niche. <i>BMC Molecular and Cell Biology</i> , 2019, 20, 51.	1.0	21
28	Fluoride-induced changes to proteoglycan structure synthesised within the dentineâ€˜pulp complex in vitro. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2004, 1689, 142-151.	1.8	20
29	Characterization of Oxidative Stress Status during Diabetic Bone Healing. <i>Cells Tissues Organs</i> , 2011, 194, 307-312.	1.3	19
30	The influence of fluoride on the cellular morphology and synthetic activity of the rat dentineâ€˜pulp complex in vitro. <i>Archives of Oral Biology</i> , 2003, 48, 39-46.	0.8	18
31	The oral mucosa: a model of wound healing with reduced scarring. <i>Oral Surgery</i> , 2008, 1, 11-21.	0.1	18
32	The Influence of Fluoride Exposure on Dentin Mineralization Using an in Vitro Organ Culture Model. <i>Calcified Tissue International</i> , 2003, 73, 470-475.	1.5	16
33	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
34	Controlled in vitro delivery of voriconazole and diclofenac to the cornea using contact lenses for the treatment of <i>Acanthamoeba keratitis</i> . <i>International Journal of Pharmaceutics</i> , 2020, 579, 119102.	2.6	14
35	Novel epoxy-tiglanes stimulate skin keratinocyte wound healing responses and re-epithelialization via protein kinase C activation. <i>Biochemical Pharmacology</i> , 2020, 178, 114048.	2.0	14
36	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

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37	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
38	Differential cellular and microbial responses to nano-/micron-scale titanium surface roughness induced by hydrogen peroxide treatment. <i>Journal of Biomaterials Applications</i> , 2013, 28, 144-160.	1.2	12
39	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
40	Differential influence of fluoride concentration on the synthesis of bone matrix glycoproteins within mineralizing bone cells <i>in vitro</i> . <i>Acta Odontologica Scandinavica</i> , 2014, 72, 1066-1069.	0.9	10
41	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
42	Investigation of the potential of polymer therapeutics in corneal re-epithelialisation. <i>British Journal of Ophthalmology</i> , 2010, 94, 1566-1570.	2.1	8
43	<i>Lepiniopsis ternatensis</i> sap stimulates fibroblast proliferation and down regulates macrophage TNF- α secretion. <i>F\ddot{A}-toteraP\ddot{A}ç</i> , 2020, 141, 104478.	1.1	5
44	Statistical Characterization of Succinoylated Dextrin Degradation Behavior in Human α -Amylase. <i>Journal of Carbohydrate Chemistry</i> , 2013, 32, 438-449.	0.4	4
45	Evaluation of <i>Cypholophus macrocephalus</i> sap as a treatment for infected cutaneous ulcers in Papua New Guinea. <i>F\ddot{A}-toteraP\ddot{A}ç</i> , 2020, 143, 104554.	1.1	4
46	A Time-Kill Assay Study on the Synergistic Bactericidal Activity of Pomegranate Rind Extract and Zn (II) against Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA), <i>Staphylococcus epidermidis</i> , <i>Escherichia coli</i> , and <i>Pseudomonas aeruginosa</i> . <i>Biomolecules</i> , 2021, 11, 1889.	1.8	3
47	A New Look at the Purported Health Benefits of Commercial and Natural Clays. <i>Biomolecules</i> , 2021, 11, 58.	1.8	2
48	Modification of gingival proteoglycans by reactive oxygen species: potential mechanism of proteoglycan degradation during periodontal diseases. <i>Free Radical Research</i> , 2021, 55, 970-981.	1.5	2
49	<i>Ficus septica</i> exudate, a traditional medicine used in Papua New Guinea for treating infected cutaneous ulcers: in vitro evaluation and clinical efficacy assessment by cluster randomised trial. <i>Phytomedicine</i> , 2022, 99, 154026.	2.3	1