

Ahmad Azlina

List of Publications by Year in descending order

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70
papers

827
citations

567281

15
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552781

26
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all docs

70
docs citations

70
times ranked

1130
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Odontogenic induction of human amniotic membrane scaffold for dental pulp regeneration. <i>Materials Chemistry and Physics</i> , 2022, 280, 125780. | 4.0 | 0 |
| 2 | Long-term treatment of dentine with triple antibiotic paste promotes stem cell viability and attachment. <i>Journal of Taibah University Medical Sciences</i> , 2022, 17, 630-639. | 0.9 | 0 |
| 3 | Angiogenic and Migratory Gene Expression Analysis of Stem Cells From Exfoliated Deciduous Teeth for Wound Repair Application. <i>Current Stem Cell Research and Therapy</i> , 2022, 17, . | 1.3 | 0 |
| 4 | Effectiveness of Self-Assembling Peptide (P11-4) in Dental Hard Tissue Conditions: A Comprehensive Review. <i>Polymers</i> , 2022, 14, 792. | 4.5 | 12 |
| 5 | Metformin mitigates impaired testicular lactate transport/utilisation and improves sexual behaviour in streptozotocin-induced diabetic rats. <i>Archives of Physiology and Biochemistry</i> , 2021, 127, 51-60. | 2.1 | 8 |
| 6 | Identification of Copy Number Variation Among Nonsyndromic Cleft Lip and or Without Cleft Palate With Hypodontia: A Genome-Wide Association Study. <i>Frontiers in Physiology</i> , 2021, 12, 637306. | 2.8 | 4 |
| 7 | Amniotic membrane matrix effects on calcineurin-NFAT-related gene expressions of SHED treated with VEGF for endothelial differentiation. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2021, 57, 560-570. | 1.5 | 0 |
| 8 | Combination Therapy of Cisplatin and other Agents for Osteosarcoma: A Review. <i>Current Cancer Therapy Reviews</i> , 2021, 17, 137-147. | 0.3 | 1 |
| 9 | Salivary and imaging-based biomarkers of radiation therapy-induced xerostomia. <i>JPMMA the Journal of the Pakistan Medical Association</i> , 2021, 71, 1-15. | 0.2 | 1 |
| 10 | Acute compartment syndrome of the forearm: A case report of radius fracture with concomitant brachial artery transaction. <i>Medical Journal of Malaysia</i> , 2021, 76, 603-605. | 0.2 | 0 |
| 11 | Diabetes-induced testicular oxidative stress, inflammation, and caspase-dependent apoptosis: the protective role of metformin. <i>Archives of Physiology and Biochemistry</i> , 2020, 126, 377-388. | 2.1 | 40 |
| 12 | Malaysian propolis and metformin mitigate subfertility in streptozotocin-induced diabetic male rats by targeting steroidogenesis, testicular lactate transport, spermatogenesis and mating behaviour. <i>Andrology</i> , 2020, 8, 731-746. | 3.5 | 21 |
| 13 | Protective effects of bee bread on testicular oxidative stress, NF- κ B-mediated inflammation, apoptosis and lactate transport decline in obese male rats. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110781. | 5.6 | 20 |
| 14 | Amniotic Membrane Enhance the Effect of Vascular Endothelial Growth Factor on the Angiogenic Marker Expression of Stem Cells from Human Exfoliated Deciduous Teeth. <i>Applied Biochemistry and Biotechnology</i> , 2020, 191, 177-190. | 2.9 | 4 |
| 15 | The Effect of Strontium on Osteoblastogenesis and Osteoclastogenesis in Dental Stem Cells-induced Epidermal Growth Factor at Molecular Level: <i>In Vitro</i> Study. <i>Journal of Hard Tissue Biology</i> , 2020, 29, 1-8. | 0.4 | 2 |
| 16 | Potential Association of Nicotinamide on the Telomerase Activity and Telomere Length Mediated by PARP-1 Mechanism in Myeloid Cancer. <i>Sains Malaysiana</i> , 2020, 49, 839-846. | 0.5 | 2 |
| 17 | Importance of Stem Cell Migration and Angiogenesis Study for Regenerative Cell-based Therapy: A Review. <i>Current Stem Cell Research and Therapy</i> , 2020, 15, 284-299. | 1.3 | 11 |
| 18 | Effect of FGF-2 and PDGF-BB on a Co-Culture of Human Gingival Fibroblasts and Umbilical Vein Endothelial Cells. <i>Sains Malaysiana</i> , 2020, 49, 1865-1874. | 0.5 | 0 |

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|----|--|-----|-----------|
| 19 | Oxidative Stress, NF- κ B-Mediated Inflammation and Apoptosis in the Testes of Streptozotocin-Induced Diabetic Rats: Combined Protective Effects of Malaysian Propolis and Metformin. <i>Antioxidants</i> , 2019, 8, 465. | 5.1 | 91 |
| 20 | Human Amniotic Membrane as a Matrix for Endothelial Differentiation of VEGF-Treated Dental Stem Cells. <i>Cellular and Molecular Bioengineering</i> , 2019, 12, 599-613. | 2.1 | 4 |
| 21 | Identification of novel fibroblast-like cells from stem cells from human exfoliated deciduous teeth. <i>Clinical Oral Investigations</i> , 2019, 23, 3959-3966. | 3.0 | 3 |
| 22 | Down-regulation of steroidogenesis-related genes and its accompanying fertility decline in streptozotocin-induced diabetic male rats: ameliorative effect of metformin. <i>Andrology</i> , 2019, 7, 110-123. | 3.5 | 59 |
| 23 | Evaluation of the Human Amniotic Membrane as a Scaffold for Periodontal Ligament Fibroblast Attachment and Proliferation. <i>Sains Malaysiana</i> , 2019, 48, 1927-1935. | 0.5 | 3 |
| 24 | Association of IL-1 gene polymorphisms with chronic rhinosinusitis with and without nasal polyp. <i>Asia Pacific Allergy</i> , 2019, 9, e22. | 1.3 | 5 |
| 25 | Oral health knowledge, attitude, and practices among Yemeni school students. <i>Journal of International Oral Health</i> , 2019, 11, 15. | 0.3 | 4 |
| 26 | Angiogenic and osteogenic potentials of dental stem cells in bone tissue engineering. <i>Journal of Oral Biology and Craniofacial Research</i> , 2018, 8, 48-53. | 1.9 | 7 |
| 27 | Optimization of scanning electron microscope technique for amniotic membrane investigation: A preliminary study. <i>European Journal of Dentistry</i> , 2018, 12, 574-578. | 1.7 | 42 |
| 28 | Effect of low level laser and low intensity pulsed ultrasound therapy on bone remodeling during orthodontic tooth movement in rats. <i>Progress in Orthodontics</i> , 2018, 19, 10. | 3.5 | 32 |
| 29 | Osteoinductive Activity of Bone Scaffold Bioceramic Companied with Control Release of VEGF Protein Treated Dental stem cells as A New Concept for Bone Regeneration: Part II. <i>Journal of Hard Tissue Biology</i> , 2018, 27, 69-78. | 0.4 | 6 |
| 30 | Biological Interaction Between Human Gingival Fibroblasts and Vascular Endothelial Cells for Angiogenesis: A Co-culture Perspective. <i>Tissue Engineering and Regenerative Medicine</i> , 2017, 14, 495-505. | 3.7 | 13 |
| 31 | White mineral trioxide aggregate mixed with calcium chloride dihydrate: chemical analysis and biological properties. <i>Restorative Dentistry & Endodontics</i> , 2017, 42, 176. | 1.5 | 9 |
| 32 | Enhanced Osteogenic and Angiogenic-Related Gene Expression of Human Dental Stem Cells on Biphasic Calcium Phosphate Scaffold Treated with Vascular Endothelial Growth Factor: Part I. <i>Journal of Hard Tissue Biology</i> , 2017, 26, 373-380. | 0.4 | 2 |
| 33 | A Study of Single Nucleotide Polymorphisms of Tumour Necrosis Factor \pm -1031 And Tumour Necrosis Factor \pm + 252 in Chronic Rhinosinusitis. <i>Clinical and Experimental Otorhinolaryngology</i> , 2017, 10, 241-247. | 2.1 | 4 |
| 34 | Immunomodulatory Effect of Cytokines in the Differentiation of Mesenchymal Stem Cells: A Review. <i>Current Stem Cell Research and Therapy</i> , 2017, 12, 197-206. | 1.3 | 14 |
| 35 | Identification and Characterization of Intraoral and Dermal Fibroblasts Revisited. <i>Current Stem Cell Research and Therapy</i> , 2017, 12, 675-681. | 1.3 | 11 |
| 36 | Dentinogenic differentiation potential of fast set white portland cements of a different origin on dental pulp stem cells. <i>European Journal of General Dentistry</i> , 2017, 6, 115. | 0.4 | 1 |

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|----|---|-----|-----------|
| 37 | Chemical analysis and biological properties of two different formulations of white portland cements. <i>Scanning</i> , 2016, 38, 303-316. | 1.5 | 7 |
| 38 | Angiogenic potential of extracellular matrix of human amniotic membrane. <i>Tissue Engineering and Regenerative Medicine</i> , 2016, 13, 211-217. | 3.7 | 14 |
| 39 | Properties of Cell Sources in Tissue-Engineered Three-dimensional Oral Mucosa Model: A Review. <i>Current Stem Cell Research and Therapy</i> , 2016, 12, 52-60. | 1.3 | 6 |
| 40 | Expression analysis of Notch signaling pathway molecules in SHED cultured in keratinocyte growth medium. <i>Brazilian Journal of Oral Sciences</i> , 2015, 14, 135-140. | 0.1 | 0 |
| 41 | The relationship between telomere length and beekeeping among Malaysians. <i>Age</i> , 2015, 37, 9797. | 3.0 | 5 |
| 42 | The Effect of Tualang Honey on Human Periodontal Ligament Fibroblast Proliferation and Alkaline Phosphatase Level. <i>Sains Malaysiana</i> , 2015, 44, 1021-1025. | 0.5 | 3 |
| 43 | Proliferative Effect of Malaysian Propolis on Stem Cells from Human Exfoliated Deciduous Teeth: An In vitro Study. <i>British Journal of Pharmaceutical Research</i> , 2015, 8, 1-8. | 0.4 | 6 |
| 44 | Effects of Local Delivery of Vascular Endothelial Growth Factor on Biological Performance of the Composite Biomaterial Used to Accelerate Bridging of Critical-Sized Mandibular Bone Defect in Rabbit Model. <i>Journal of Medical and Bioengineering</i> , 2015, 4, 93-99. | 0.5 | 4 |
| 45 | A Comparison of Culture Characteristics between Human Amniotic Mesenchymal Stem Cells and Dental Stem Cells. <i>Tropical Life Sciences Research</i> , 2015, 26, 21-9. | 0.9 | 2 |
| 46 | Effects of Perivitelline Fluid Obtained from Horseshoe Crab on The Proliferation and Genotoxicity of Dental Pulp Stem Cells. <i>Cell Journal</i> , 2015, 17, 253-63. | 0.2 | 0 |
| 47 | Effect of Biphasic Calcium Phosphate Treated with Vascular Endothelial Growth Factor on Osteogenesis and Angiogenesis Gene Expression In Vitro. <i>IFMBE Proceedings</i> , 2014, , 239-242. | 0.3 | 1 |
| 48 | Cell Attachment Properties of Portland Cement-based Endodontic Materials: Biological and Methodological Considerations. <i>Journal of Endodontics</i> , 2014, 40, 1517-1523. | 3.1 | 25 |
| 49 | Telomeres and Oxidative Stress. <i>British Journal of Medicine and Medical Research</i> , 2014, 4, 57-67. | 0.2 | 1 |
| 50 | Mini Review: Protein Components of Perivitelline Fluid (PVF) of Horseshoe Crabs & Its Applications in Medical Research. <i>IOSR Journal of Pharmacy and Biological Sciences</i> , 2014, 9, 39-42. | 0.1 | 1 |
| 51 | Effect of 940nm low-level laser therapy on osteogenesis in vitro. <i>Journal of Biomedical Optics</i> , 2013, 18, 128001. | 2.6 | 53 |
| 52 | Effects of naturally occurring G103D point mutation of AQP5 on its water permeability, trafficking and cellular localization in the submandibular gland of rats. <i>Biology of the Cell</i> , 2011, 103, 69-86. | 2.0 | 14 |
| 53 | Induction of Sca-1 in the duct cells of the mouse submandibular gland by obstruction of the main excretory duct. <i>Journal of Oral Pathology and Medicine</i> , 2011, 40, 651-658. | 2.7 | 11 |
| 54 | Lipopolysaccharide-Mediated Induction of Calprotectin in the Submandibular and Parotid Glands of Mice. <i>Inflammation</i> , 2011, 34, 668-680. | 3.8 | 3 |

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|----|--|-----|-----------|
| 55 | Novel phosphorylation of aquaporin-5 at its threonine 259 through cAMP signaling in salivary gland cells. American Journal of Physiology - Cell Physiology, 2011, 301, C667-C678. | 4.6 | 31 |
| 56 | Induction of Sca-1 via activation of STAT3 system in the duct cells of the mouse submandibular gland by ligation of the main excretory duct. American Journal of Physiology - Renal Physiology, 2011, 301, G814-G824. | 3.4 | 9 |
| 57 | Roles of lysosomal proteolytic systems in AQP5 degradation in the submandibular gland of rats following chorda tympani parasympathetic denervation. American Journal of Physiology - Renal Physiology, 2010, 299, G1106-G1117. | 3.4 | 25 |
| 58 | Potential Down-Regulation of Salivary Gland AQP5 by LPS via Cross-Coupling of NF- κ B and p-c-Jun/c-Fos. American Journal of Pathology, 2010, 177, 724-734. | 3.8 | 53 |
| 59 | Salivary gland development: its mediation by a subtilisin-like proprotein convertase, PACE4. Journal of Medical Investigation, 2009, 56, 241-246. | 0.5 | 1 |
| 60 | Induction of calprotectin mRNAs by lipopolysaccharide in the salivary gland of mice. Journal of Medical Investigation, 2009, 56, 287-289. | 0.5 | 2 |
| 61 | Trafficking of GFP-AQP5 chimeric proteins conferred with unphosphorylated amino acids at their PKA-target motif (152SRRTS) in MDCK-II cells. Journal of Medical Investigation, 2009, 56, 55-63. | 0.5 | 14 |
| 62 | Effects of natural point mutation of rat aquaporin 5 expressed in vitro on its capacity of water permeability and membrane trafficking. Journal of Medical Investigation, 2009, 56, 398-400. | 0.5 | 1 |
| 63 | Involvement of the IL-6/STAT3/Sca-1 system in proliferation of duct cells following duct ligation in the submandibular gland of mice. Journal of Medical Investigation, 2009, 56, 253-254. | 0.5 | 7 |
| 64 | Evaluation of Tualang honey as a supplement to fetal bovine serum in cell culture. Food and Chemical Toxicology, 2009, 47, 1696-1702. | 3.6 | 12 |
| 65 | Inhibition and transcriptional silencing of a subtilisin-like proprotein convertase, PACE4/SPC4, reduces the branching morphogenesis of and AQP5 expression in rat embryonic submandibular gland. Developmental Biology, 2009, 325, 434-443. | 2.0 | 15 |
| 66 | Down-regulation of submandibular gland AQP5 following parasympathetic denervation in rats. Journal of Medical Investigation, 2009, 56, 273-276. | 0.5 | 3 |
| 67 | Gene expression analysis of osteoblasts seeded in coral scaffold. Journal of Biomedical Materials Research - Part A, 2008, 87A, 215-221. | 4.0 | 12 |
| 68 | In vitro genotoxicity tests for polyhydroxybutyrate "A synthetic biomaterial. Toxicology in Vitro, 2008, 22, 57-67. | 2.4 | 21 |
| 69 | Degradation of submandibular gland AQP5 by parasympathetic denervation of chorda tympani and its recovery by cevimeline, an M3 muscarinic receptor agonist. American Journal of Physiology - Renal Physiology, 2008, 295, G112-G123. | 3.4 | 23 |
| 70 | Transforming Growth Factor- β and Nonsyndromic Cleft Lip with or without Palate or Cleft Palate Only in Kelantan, Malaysia. Cleft Palate-Craniofacial Journal, 2008, 45, 583-586. | 0.9 | 6 |