

I A El-Karim

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

1,572
citations

393982

19
h-index

315357

38
g-index

61
all docs

61
docs citations

61
times ranked

1726
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | European Society of Endodontology position statement: Management of deep caries and the exposed pulp. <i>International Endodontic Journal</i> , 2019, 52, 923-934. | 2.3 | 268 |
| 2 | Antimicrobial activity of neuropeptides against a range of micro-organisms from skin, oral, respiratory and gastrointestinal tract sites. <i>Journal of Neuroimmunology</i> , 2008, 200, 11-16. | 1.1 | 149 |
| 3 | Human odontoblasts express functional thermo-sensitive TRP channels: Implications for dentin sensitivity. <i>Pain</i> , 2011, 152, 2211-2223. | 2.0 | 105 |
| 4 | Pulpotomy for mature carious teeth with symptoms of irreversible pulpitis: A systematic review. <i>Journal of Dentistry</i> , 2019, 88, 103158. | 1.7 | 103 |
| 5 | Efficacy of direct pulp capping for management of cariously exposed pulps in permanent teeth: a systematic review and meta-analysis. <i>International Endodontic Journal</i> , 2021, 54, 556-571. | 2.3 | 84 |
| 6 | Neuropeptides Regulate Expression of Angiogenic Growth Factors in Human Dental Pulp Fibroblasts. <i>Journal of Endodontics</i> , 2009, 35, 829-833. | 1.4 | 66 |
| 7 | The antimicrobial effects of root canal irrigation and medication. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2007, 103, 560-569. | 1.6 | 57 |
| 8 | Human Dental Pulp Fibroblasts Express the "Cold-sensing" Transient Receptor Potential Channels TRPA1 and TRPM8. <i>Journal of Endodontics</i> , 2011, 37, 473-478. | 1.4 | 57 |
| 9 | TNF- α -Induced p38MAPK Activation Regulates TRPA1 and TRPV4 Activity in Odontoblast-Like Cells. <i>American Journal of Pathology</i> , 2015, 185, 2994-3002. | 1.9 | 54 |
| 10 | A Comparative Analysis of the Osteogenic Potential of Dental Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2019, 28, 1050-1058. | 1.1 | 44 |
| 11 | Potential Therapeutic Strategy of Targeting Pulp Fibroblasts in Dentin-Pulp Regeneration. <i>Journal of Endodontics</i> , 2017, 43, S17-S24. | 1.4 | 41 |
| 12 | Outcome measures to assess the effectiveness of endodontic treatment for pulpitis and apical periodontitis for use in the development of European Society of Endodontology (ESE) S3 level clinical practice guidelines: a protocol. <i>International Endodontic Journal</i> , 2021, 54, 646-654. | 2.3 | 31 |
| 13 | Caries-induced changes in the expression of pulpal neuropeptide Y. <i>European Journal of Oral Sciences</i> , 2006, 114, 133-137. | 0.7 | 30 |
| 14 | Outcome measures to assess the effectiveness of endodontic treatment for pulpitis and apical periodontitis for use in the development of European Society of Endodontology S3 level clinical practice guidelines: A consensus-based development. <i>International Endodontic Journal</i> , 2021, 54, 2184-2194. | 2.3 | 30 |
| 15 | Distribution of white spot lesions among orthodontic patients attending teaching institutes in Khartoum. <i>BMC Oral Health</i> , 2017, 17, 88. | 0.8 | 29 |
| 16 | Biodentine Reduces Tumor Necrosis Factor Alpha-induced TRPA1 Expression in Odontoblastlike Cells. <i>Journal of Endodontics</i> , 2016, 42, 589-595. | 1.4 | 28 |
| 17 | Neuropeptide Y (NPY) and NPY Y1 receptor in periodontal health and disease. <i>Archives of Oral Biology</i> , 2009, 54, 258-262. | 0.8 | 24 |
| 18 | Replication of the association of $\text{GLT}6\text{D}1$ with aggressive periodontitis in a Sudanese population. <i>Journal of Clinical Periodontology</i> , 2015, 42, 319-324. | 2.3 | 22 |

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|----|---|-----|-----------|
| 19 | Vasoactive intestinal polypeptide (VIP) and VPAC1 receptor in adult human dental pulp in relation to caries. Archives of Oral Biology, 2006, 51, 849-855. | 0.8 | 19 |
| 20 | TRPA1 activation in a human sensory neuronal model: relevance to cough hypersensitivity?. European Respiratory Journal, 2017, 50, 1700995. | 3.1 | 19 |
| 21 | An audit on technical quality of root fillings performed by undergraduate students. International Endodontic Journal, 2018, 51, e197-e203. | 2.3 | 18 |
| 22 | Identification and validation of novel biomarkers and therapeutics for pulpitis using connectivity mapping. International Endodontic Journal, 2021, 54, 1571-1580. | 2.3 | 18 |
| 23 | Endodontic "solutions"™ part 1: a literature review on the use of endodontic lubricants, irrigants and medicaments. Dental Update, 2012, 39, 239-246. | 0.1 | 15 |
| 24 | <scp>Matrix metalloproteinase</scp>â€¸ activity in gingival crevicular fluid: development of a novel assay. Journal of Periodontal Research, 2017, 52, 556-561. | 1.4 | 15 |
| 25 | Dental erosion among 12-14 year old school children in Khartoum: a pilot study. Community Dental Health, 2007, 24, 176-80. | 0.2 | 15 |
| 26 | Neuropeptide Y Y1 receptor in human dental pulp cells of noncarious and carious teeth. International Endodontic Journal, 2008, 41, 850-855. | 2.3 | 14 |
| 27 | PAR-2 Regulates Dental Pulp Inflammation Associated with Caries. Journal of Dental Research, 2010, 89, 684-688. | 2.5 | 14 |
| 28 | Periodontal status and chronic obstructive pulmonary disease (COPD)â€¸ exacerbations: a systematic review. BMC Oral Health, 2021, 21, 425. | 0.8 | 14 |
| 29 | Outcomes reporting in systematic reviews on vital pulp treatment: A scoping review for the development of a core outcome set. International Endodontic Journal, 2022, 55, 891-909. | 2.3 | 14 |
| 30 | Osteoblastic differentiation of periodontal ligament stem cells on nonâ€¸stoichiometric calcium phosphate and titanium surfaces. Journal of Biomedical Materials Research - Part A, 2017, 105, 1692-1702. | 2.1 | 13 |
| 31 | Multicomponent Peptide Hydrogels as an Innovative Platform for Cell-Based Tissue Engineering in the Dental Pulp. Pharmaceutics, 2021, 13, 1575. | 2.0 | 13 |
| 32 | Ultrashort Peptide Hydrogels Display Antimicrobial Activity and Enhance Angiogenic Growth Factor Release by Dental Pulp Stem/Stromal Cells. Materials, 2021, 14, 2237. | 1.3 | 12 |
| 33 | Oral health care for the critically ill: a narrative review. Critical Care, 2021, 25, 353. | 2.5 | 12 |
| 34 | A protocol for the Development of Core Outcome Sets for Endodontic Treatment modalities (COSET): an international consensus process. Trials, 2021, 22, 812. | 0.7 | 11 |
| 35 | Periodontitis May Be Associated With Respiratory Diseases Such as Asthma, COPD, and Pneumonia. Journal of Evidence-based Dental Practice, 2020, 20, 101498. | 0.7 | 10 |
| 36 | Deciphering Reparative Processes in the Inflamed Dental Pulp. Frontiers in Dental Medicine, 2021, 2, . | 0.5 | 10 |

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|----|--|-----|-----------|
| 37 | Outcomes reporting in systematic reviews on surgical endodontics: A scoping review for the development of a core outcome set. <i>International Endodontic Journal</i> , 2022, 55, 811-832. | 2.3 | 10 |
| 38 | Natural Antimicrobials in the Dental Pulp. <i>Journal of Endodontics</i> , 2020, 46, S2-S9. | 1.4 | 9 |
| 39 | Fibroblasts Control Macrophage Differentiation during Pulp Inflammation. <i>Journal of Endodontics</i> , 2021, 47, 1427-1434. | 1.4 | 9 |
| 40 | Odontoblast cell death induces NLRP3 inflammasome-dependent sterile inflammation and regulates dental pulp cell migration, proliferation and differentiation. <i>International Endodontic Journal</i> , 2021, 54, 941-950. | 2.3 | 8 |
| 41 | Development and evaluation of calcium hydroxide-coated, pericardium-based biomembranes for direct pulp capping. <i>Journal of Investigative and Clinical Dentistry</i> , 2019, 10, e12380. | 1.8 | 7 |
| 42 | A connectivity mapping approach predicted acetylsalicylic acid (aspirin) to induce osteo/odontogenic differentiation of dental pulp cells. <i>International Endodontic Journal</i> , 2020, 53, 834-845. | 2.3 | 7 |
| 43 | Endogenous Mas-related G-protein-coupled receptor X1 activates and sensitizes TRPA1 in a human model of peripheral nerves. <i>FASEB Journal</i> , 2021, 35, e21492. | 0.2 | 7 |
| 44 | Establishing a Core Outcome Set for Endodontic Treatment modalities. <i>International Endodontic Journal</i> , 2022, 55, 696-699. | 2.3 | 7 |
| 45 | Putative periodontal pathogens in the subgingival plaque of Sudanese subjects with aggressive periodontitis. <i>Archives of Oral Biology</i> , 2017, 81, 97-102. | 0.8 | 6 |
| 46 | Personality analysis of patients complaining of sialorrhoea. <i>Journal of Oral Pathology and Medicine</i> , 2006, 35, 307-310. | 1.4 | 5 |
| 47 | Differential regulation of NPY and SP receptor expression in STRO-1+ve PDLSCs by inflammatory cytokines. <i>Journal of Periodontal Research</i> , 2021, , . | 1.4 | 4 |
| 48 | Endodontic solutions™ part 2: an audit comparing current practice in belfast with uk and republic of ireland dental schools. <i>Dental Update</i> , 2012, 39, 327-332. | 0.1 | 3 |
| 49 | Novel Antibacterial Properties of the Human Dental Pulp Multipotent Mesenchymal Stromal Cell Secretome. <i>American Journal of Pathology</i> , 2022, 192, 956-969. | 1.9 | 3 |
| 50 | Current and Future Views on Pulpal Pain and Neurogenesis. , 2019, , 19-36. | | 2 |
| 51 | Reducing Intervention in the COVID-19 Era: Opportunities for Vital Pulp Treatment. <i>Frontiers in Dental Medicine</i> , 2021, 2, . | 0.5 | 2 |
| 52 | Evidence That a TRPA1-Mediated Murine Model of Temporomandibular Joint Pain Involves NLRP3 Inflammasome Activation. <i>Pharmaceuticals</i> , 2021, 14, 1073. | 1.7 | 1 |
| 53 | Quantitative oral health assessments in mechanically ventilated patients: A scoping review. <i>Nursing in Critical Care</i> , 2023, 28, 756-772. | 1.1 | 1 |
| 54 | Professional Dental Care May Reduce the Incidence of Non-ventilator-associated Pneumonia in Hospitals and Chronic Care Settings. <i>Journal of Evidence-based Dental Practice</i> , 2021, 21, 101533. | 0.7 | 0 |

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|----|--|-----|-----------|
| 55 | Authorsâ€™ response. International Endodontic Journal, 2021, 54, 1208-1208. | 2.3 | 0 |
| 56 | Antimicrobial activity of naphthalene lysine conjugated peptide hydrogels. Access Microbiology, 2019, 1, . | 0.2 | 0 |
| 57 | Biodentine™ in Inflammation and Pain Control. , 2022, , 51-66. | | 0 |