# Mark A Reynolds

List of Publications by Year
in descending order

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|---|---|---|---|
| 83 papers | 4,517 citations | 101543 36 h-index | 114465 63 g-index |
| 83 all docs | 83 docs citations | 83 times ranked | 5202 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The Efficacy of Bone Replacement Grafts in the Treatment of Periodontal Osseous Defects. A Systematic Review. , 2003, 8, 227-265. | | 313 |
| 2 | Periodontal manifestations of systemic diseases and developmental and acquired conditions: Consensus report of workgroup 3 of the 2017 World Workshop on the Classification of Periodontal and Periâ€Implant Diseases and Conditions. Journal of Clinical Periodontology, 2018, 45, S219-S229. | 4.9 | 303 |
| 3 | Calcium phosphate cements for bone engineering and their biological properties. Bone Research, 2017, 5, 17056. | 11.4 | 277 |
| 4 | Periodontal manifestations of systemic diseases and developmental and acquired conditions: Consensus report of workgroup 3 of the 2017 World Workshop on the Classification of Periodontal and Periâ€Implant Diseases and Conditions. Journal of Periodontology, 2018, 89, S237-S248. | 3.4 | 239 |
| 5 | Periodontal Regeneration â€“ Intrabony Defects: A Systematic Review From the AAP Regeneration Workshop. Journal of Periodontology, 2015, 86, S77-104. | 3.4 | 212 |
| 6 | Magnetic field and nano-scaffolds with stem cells to enhance bone regeneration. Biomaterials, 2018, 183, 151-170. | 11.4 | 198 |
| 7 | Can Apical Periodontitis Modify Systemic Levels of Inflammatory Markers? A Systematic Review and Meta-analysis. Journal of Endodontics, 2013, 39, 1205-1217. | 3.1 | 166 |
| 8 | Modifiable risk factors in periodontitis: at the intersection of aging and disease. Periodontology 2000, 2014, 64, 7-19. | 13.4 | 142 |
| 9 | Periodontal Regeneration â€“ Intrabony Defects: A Consensus Report From the AAP Regeneration Workshop. Journal of Periodontology, 2015, 86, S105-7. | 3.4 | 132 |
| 10 | Regeneration of Periodontal Tissue: Bone Replacement Grafts. Dental Clinics of North America, 2010, 54, 55-71. | 1.8 | 130 |
| 11 | Sex Differences in Destructive Periodontal Disease: A Systematic Review. Journal of Periodontology, 2010, 81, 1379-1389. | 3.4 | 127 |
| 12 | Role of chronic stress and depression in periodontal diseases. Periodontology 2000, 2014, 64, 127-138. | 13.4 | 102 |
| 13 | Factors Influencing the Outcome of Regenerative Therapy in Mandibular Class II Furcations: Part I. Journal of Periodontology, 2003, 74, 1255-1268. | 3.4 | 99 |
| 14 | The treatment of intrabony defects with bone grafts. Periodontology 2000, 2000, 22, 88-103. | 13.4 | 97 |
| 15 | Sex Differences in Destructive Periodontal Disease: Exploring the Biologic Basis. Journal of Periodontology, 2010, 81, 1505-1517. | 3.4 | 80 |
| 16 | Enhanced bone regeneration and visual monitoring via superparamagnetic iron oxide nanoparticle scaffold in rats. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, e2085-e2098. | 2.7 | 77 |
| 17 | Predictability of Clinical Outcomes Following Regenerative Therapy in Intrabony Defects. Journal of Periodontology, 2008, 79, 387-393. | 3.4 | 74 |
| 18 | Allogeneic bone onlay grafts for alveolar ridge augmentation: a systematic review. International Journal of Oral and Maxillofacial Implants, 2010, 25, 525-31. | 1.4 | 72 |

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|---|---|---|---|
| 19 | Co-Seeding Human Endothelial Cells with Human-Induced Pluripotent Stem Cell-Derived Mesenchymal Stem Cells on Calcium Phosphate Scaffold Enhances Osteogenesis and Vascularization in Rats. Tissue Engineering - Part A, 2017, 23, 546-555. | 3.1 | 71 |
| 20 | Gold nanoparticles in injectable calcium phosphate cement enhance osteogenic differentiation of human dental pulp stem cells. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 35-45. | 3.3 | 61 |
| 21 | Fate of Demineralized Freezeâ€Dried Bone Allografts in Human Intrabony Defects. Journal of Periodontology, 1996, 67, 150-157. | 3.4 | 60 |
| 22 | Novel magnetic calcium phosphate-stem cell construct with magnetic field enhances osteogenic differentiation and bone tissue engineering. Materials Science and Engineering C, 2019, 98, 30-41. | 7.3 | 60 |
| 23 | American Academy of Periodontology best evidence consensus statement on the efficacy of laser therapy used alone or as an adjunct to nonâ€surgical and surgical treatment of periodontitis and periâ€implant diseases. Journal of Periodontology, 2018, 89, 737-742. | 3.4 | 58 |
| 24 | Influence of Smoking on Long-Term Clinical Results of Intrabony Defects Treated With Regenerative Therapy. Journal of Periodontology, 1996, 67, 1159-1163. | 3.4 | 57 |
| 25 | A protein-repellent and antibacterial nanocomposite for Class-V restorations to inhibit periodontitis-related pathogens. Materials Science and Engineering C, 2016, 67, 702-710. | 7.3 | 55 |
| 26 | Survival of dental implants at sites after implant failure: AÂsystematic review. Journal of Prosthetic Dentistry, 2020, 123, 54-60. | 2.8 | 55 |
| 27 | Injectable calcium phosphate scaffold with iron oxide nanoparticles to enhance osteogenesis via dental pulp stem cells. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 423-433. | 2.8 | 53 |
| 28 | Muscarinic Binding and Choline Acetyltransferase in Postmortem Brains of Demented Patients. Canadian Journal of Neurological Sciences, 1986, 13, 528-532. | 0.5 | 51 |
| 29 | Iron oxide nanoparticle-calcium phosphate cement enhanced the osteogenic activities of stem cells through WNT/Î²-catenin signaling. Materials Science and Engineering C, 2019, 104, 109955. | 7.3 | 50 |
| 30 | Injectable calcium phosphate with hydrogel fibers encapsulating induced pluripotent, dental pulp and bone marrow stem cells for bone repair. Materials Science and Engineering C, 2016, 69, 1125-1136. | 7.3 | 48 |
| 31 | Dentin remineralization in acid challenge environment via PAMAM and calcium phosphate composite. Dental Materials, 2016, 32, 1429-1440. | 3.5 | 47 |
| 32 | Formation of mucogingival defects associated with intraoral and perioral piercing. Journal of the American Dental Association, 2003, 134, 837-843. | 1.5 | 45 |
| 33 | Calcium phosphate cement scaffold with stem cell co-culture and prevascularization for dental and craniofacial bone tissue engineering. Dental Materials, 2019, 35, 1031-1041. | 3.5 | 42 |
| 34 | Engineering bone regeneration with novel cell-laden hydrogel microfiber-injectable calcium phosphate scaffold. Materials Science and Engineering C, 2017, 75, 895-905. | 7.3 | 41 |
| 35 | Effects of caloric restriction on inflammatory periodontal disease. Nutrition, 2009, 25, 88-97. | 2.4 | 40 |
| 36 | Do Dental Resin Composites Accumulate More Oral Biofilms and Plaque than Amalgam and Glass Ionomer Materials?. Materials, 2016, 9, 888. | 2.9 | 39 |

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|---|---|---|---|
| 37 | Poly (amido amine) and nano-calcium phosphate bonding agent to remineralize tooth dentin in cyclic artificial saliva/lactic acid. Materials Science and Engineering C, 2017, 72, 7-17. | 7.3 | 38 |
| 38 | Clinical Evaluation of Calcium Sulfate in Combination With Demineralized Freeze-Dried Bone Allograft for the Treatment of Human Intraosseous Defects. Journal of Periodontology, 2004, 75, 340-347. | 3.4 | 36 |
| 39 | Calcium sulfateâ€“carboxymethylcellulose bone graft binder: Histologic and morphometric evaluation in a critical size defect. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2007, 83B, 451-458. | 3.4 | 36 |
| 40 | Periodontal, metabolic, and cardiovascular disease: Exploring the role of inflammation and mental health. Pteridines, 2018, 29, 124-163. | 0.5 | 36 |
| 41 | Nanostructured Polymeric Materials with Protein-Repellent and Anti-Caries Properties for Dental Applications. Nanomaterials, 2018, 8, 393. | 4.1 | 36 |
| 42 | Infrared lasers for the treatment of moderate to severe periodontitis: An American Academy of Periodontology best evidence review. Journal of Periodontology, 2018, 89, 743-765. | 3.4 | 36 |
| 43 | Novel bioactive nanocomposite for Class-V restorations to inhibit periodontitis-related pathogens. Dental Materials, 2016, 32, e351-e361. | 3.5 | 34 |
| 44 | Bioactive Dental Composites and Bonding Agents Having Remineralizing and Antibacterial Characteristics. Dental Clinics of North America, 2017, 61, 669-687. | 1.8 | 33 |
| 45 | Electronic cigarette explosion associated with extensive intraoral injuries. Dental Traumatology, 2017, 33, 149-152. | 2.0 | 32 |
| 46 | Long-term dentin remineralization by poly(amido amine) and rechargeable calcium phosphate nanocomposite after fluid challenges. Dental Materials, 2018, 34, 607-618. | 3.5 | 30 |
| 47 | Effects of single species versus multispecies periodontal biofilms on the antibacterial efficacy of a novel bioactive Class-V nanocomposite. Dental Materials, 2019, 35, 847-861. | 3.5 | 30 |
| 48 | Periodontal Regeneration â€” Intrabony Defects: Practical Applications From the AAP Regeneration Workshop. Clinical Advances in Periodontics, 2015, 5, 21-29. | 0.7 | 29 |
| 49 | Polymer-Assisted Regenerative Therapy: Case Reports of 22 Consecutively Treated Periodontal Defects With a Novel Combined Surgical Approach. Journal of Periodontology, 1999, 70, 554-561. | 3.4 | 25 |
| 50 | Three-dimensional biofilm properties on dental bonding agent with varying quaternary ammonium charge densities. Journal of Dentistry, 2016, 53, 73-81. | 4.1 | 25 |
| 51 | Novel multifunctional dental bonding agent for class-V restorations to inhibit periodontal biofilms. RSC Advances, 2017, 7, 29004-29014. | 3.6 | 24 |
| 52 | Evaluation of poly lacticâ€coâ€glycolic acidâ€coated Î²â€tricalcium phosphate for alveolar ridge preservation: A multicenter randomized controlled trial. Journal of Periodontology, 2021, 92, 524-535. | 3.4 | 24 |
| 53 | Psychological Stress: A Predisposing and Exacerbating Factor in Periodontitis. Current Oral Health Reports, 2020, 7, 208-215. | 1.6 | 22 |
| 54 | Non-Steroidal Anti-inflammatory Drug (NSAID)-Derived Poly(anhydrideesters) in Bone and Periodontal Regeneration. Current Drug Delivery, 2007, 4, 233-239. | 1.6 | 19 |

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|---|---|---|---|
| 55 | Novel metformin-containing resin promotes odontogenic differentiation and mineral synthesis of dental pulp stem cells. Drug Delivery and Translational Research, 2019, 9, 85-96. | 5.8 | 19 |
| 56 | Poly(amido amine) and calcium phosphate nanocomposite remineralization of dentin in acidic solution without calcium phosphate ions. Dental Materials, 2017, 33, 818-829. | 3.5 | 18 |
| 57 | Foxp3 gene expression in oral lichen planus: A clinicopathological study. Molecular Medicine Reports, 2014, 9, 928-934. | 2.4 | 17 |
| 58 | Rechargeable calcium phosphate orthodontic cement with sustained ion release and re-release. Scientific Reports, 2016, 6, 36476. | 3.3 | 17 |
| 59 | Developing a New Generation of Therapeutic Dental Polymers to Inhibit Oral Biofilms and Protect Teeth. Materials, 2018, 11, 1747. | 2.9 | 14 |
| 60 | Effects of water-aging for 6 months on the durability of a novel antimicrobial and protein-repellent dental bonding agent. International Journal of Oral Science, 2018, 10, 18. | 8.6 | 12 |
| 61 | Charcoal-based mouthwashes: a literature review. British Dental Journal, 2020, 228, 290-294. | 0.6 | 12 |
| 62 | Periodontal Pathogens and Neuropsychiatric Health. Current Topics in Medicinal Chemistry, 2020, 20, 1353-1397. | 2.1 | 11 |
| 63 | Protein and Peptide-Based Therapeutics in Periodontal Regeneration. Journal of Evidence-based Dental Practice, 2012, 12, 118-126. | 1.5 | 10 |
| 64 | Risk of preterm birth associated with maternal gingival inflammation and oral hygiene behaviours in rural Nepal: a community-based, prospective cohort study. BMJ Open, 2020, 10, e036515. | 1.9 | 10 |
| 65 | More on charcoal and charcoal-based dentifrices. Journal of the American Dental Association, 2017, 148, 785. | 1.5 | 9 |
| 66 | Engineering of L-Plastin Peptide-Loaded Biodegradable Nanoparticles for Sustained Delivery and Suppression of Osteoclast Function In Vitro. International Journal of Cell Biology, 2019, 2019, 1-13. | 2.5 | 8 |
| 67 | Evaluation of a Poly(Lactic-Co-Glycolic) Acidâ€“Coated Î²-Tricalcium Phosphate Bone Substitute for Alveolar Ridge Preservation: Case Series. Clinical Advances in Periodontics, 2017, 7, 190-194. | 0.7 | 7 |
| 68 | Gingival clefts revisited: Evaluation of the characteristics that make one more susceptible to gingival clefts. American Journal of Orthodontics and Dentofacial Orthopedics, 2018, 154, 677-682. | 1.7 | 7 |
| 69 | The Era of Biologics and Reparative Medicine: A Pivotal Clinical Trial of Platelet-Derived Growth Factor for Periodontal Regeneration. Journal of Periodontology, 2005, 76, 2330-2332. | 3.4 | 5 |
| 70 | Evaluation of Allogenic Cellular Bone Graft for Ridge Augmentation: A Case Report. Clinical Advances in Periodontics, 2013, 3, 159-165. | 0.7 | 5 |
| 71 | Adherence to and acceptability of three alcoholâ€free, antiseptic oral rinses: A communityâ€based pilot randomized controlled trial among pregnant women in rural Nepal. Community Dentistry and Oral Epidemiology, 2020, 48, 501-512. | 1.9 | 4 |
| 72 | Tooth loss is associated with atherosclerosis and a poorer functional outcome among stroke patients. Clinical Oral Investigations, 2020, 24, 4541-4548. | 3.0 | 3 |

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|---|---|---|---|
| 73 | Feasibility of training community health workers to conduct periodontal examinations: a validation study in rural Nepal. BMC Health Services Research, 2020, 20, 412. | 2.2 | 3 |
| 74 | Alendronateâ€Associated Osteonecrosis of the Hard Palate After Harvesting of a Connective Tissue Graft: A Case Report. Clinical Advances in Periodontics, 2015, 5, 171-177. | 0.7 | 2 |
| 75 | Gingival Recession is Likely Associated with Tongue Piercings. Journal of Evidence-based Dental Practice, 2012, 12, 145-146. | 1.5 | 1 |
| 76 | Is the Use of Biologic Additions Necessary to Optimize Periodontal Regenerative Efforts?. Clinical Advances in Periodontics, 2013, 3, 180-186. | 0.7 | 1 |
| 77 | Quantile regression to estimate the survivor average causal effect of periodontal treatment effects on birthweight and gestational age. Journal of Periodontology, 2021, 92, 975-982. | 3.4 | 1 |
| 78 | High-power Nd:YAG laser triggers the osteogenesis of osteoblasts by activating the bone morphogenetic proteinÃ¯Â¿Â½2 and insulin-like growth factor-1 signaling pathways. Molecular Medicine Reports, 2015, , . | 2.4 | 1 |
| 79 | Cell Adhesion to Acrylic Custom Provisional Abutment Placed on an Immediate Implant: A Case Report. Compendium of Continuing Education in Dentistry (jamesburg, N J: 1995), 2017, 38, 114-119. | 0.1 | 1 |
| 80 | Decreasing Tryptophan and Increasing Neopterin Plasma Levels During Pregnancy are Associated with High First Trimester Porphyromonas gingivalis K-Serotype IgG Serointensity in a cohort of Hispanic Women. Current Topics in Medicinal Chemistry, 2022, 22, . | 2.1 | 1 |
| 81 | Authors' response re: â€œDiffrential sex effects of nutritional statics on inflammatory periodontal disease in non-human primates. Nutrition, 2010, 26, 140. | 2.4 | 0 |
| 82 | Gingival Recession is Likely Associated with Tongue Piercings. Journal of Evidence-based Dental Practice, 2011, 11, 160-161. | 1.5 | 0 |
| 83 | Effecting change in academic dentistry through small groups. Journal of Dental Education, 2021, , . | 1.2 | 0 |