Michael Milward

List of Publications by Year
in descending order

53 papers	1,953 citations	279701 23 h-index	254106 43 g-index
53 all docs	53 docs citations	53 times ranked	2555 citing authors

#	Article	IF	Citations
1	Release of Active Peptidyl Arginine Deiminases by Neutrophils Can Explain Production of Extracellular Citrullinated Autoantigens in Rheumatoid Arthritis Synovial Fluid. Arthritis and Rheumatology, 2015, 67, 3135-3145.	2.9	193
2	Developments in low level light therapy (LLLT) for dentistry. Dental Materials, 2014, 30, 465-475.	1.6	182
3	Compromised GCF total antioxidant capacity in periodontitis: cause or effect?. Journal of Clinical Periodontology, 2007, 34, 103-10.	2.3	145
4	Differential activation of NF-Î²B and gene expression in oral epithelial cells by periodontal pathogens. Clinical and Experimental Immunology, 2007, 148, 307-324.	1.1	127
5	Neutrophil Extracellular Traps in Periodontitis. Journal of Dental Research, 2016, 95, 26-34.	2.5	121
6	Periodontal diagnosis in the context of the 2017 classification system of periodontal diseases and conditions â€“ implementation in clinical practice. British Dental Journal, 2019, 226, 16-22.	0.3	108
7	Adjunctive daily supplementation with encapsulated fruit, vegetable and berry juice powder concentrates and clinical periodontal outcomes: a doubleâ€blind <scp>RCT</scp>. Journal of Clinical Periodontology, 2012, 39, 62-72.	2.3	86
8	Under the spotlight: mechanisms of photobiomodulation concentrating on blue and green light. Photochemical and Photobiological Sciences, 2019, 18, 1877-1909.	1.6	76
9	The autoantibody repertoire in periodontitis: a role in the induction of autoimmunity to citrullinated proteins in rheumatoid arthritis?. Annals of the Rheumatic Diseases, 2014, 73, 580-586.	0.5	74
10	The dark art of light measurement: accurate radiometry for low-level light therapy. Lasers in Medical Science, 2016, 31, 789-809.	1.0	69
11	Inflammation and Regeneration in the Dentin-pulp Complex: Net Gain or Net Loss?. Journal of Endodontics, 2017, 43, S87-S94.	1.4	65
12	Modulation of Neutrophil Extracellular Trap and Reactive Oxygen Species Release by Periodontal Bacteria. Infection and Immunity, 2017, 85, .	1.0	61
13	Effects of Red Light-emitting Diode Irradiation on Dental Pulp Cells. Journal of Dental Research, 2012, 91, 961-966.	2.5	54
14	Cigarette smoke modifies neutrophil chemotaxis, neutrophil extracellular trap formation and inflammatory responseâ€related gene expression. Journal of Periodontal Research, 2018, 53, 525-535.	1.4	54
15	Effect of nicotine, cotinine and cigarette smoke extract on the neutrophil respiratory burst. Journal of Clinical Periodontology, 2011, 38, 208-218.	2.3	46
16	Periodontal pathogens promote epithelial-mesenchymal transition in oral squamous carcinoma cells in vitro. Cell Adhesion and Migration, 2018, 12, 1-11.	1.1	40
17	Potential role of periodontal pathogens in compromising epithelial barrier function by inducing epithelialâ€mesenchymal transition. Journal of Periodontal Research, 2018, 53, 565-574.	1.4	40
18	Inflammasomes and their regulation in periodontal disease: A review. Journal of Periodontal Research, 2020, 55, 473-487.	1.4	39

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19	Neutrophil superoxide production in the presence of cigarette smoke extract, nicotine and cotinine. Journal of Clinical Periodontology, 2012, 39, 626-634.	2.3	37
20	Periodontitis prevalence and serum antibody reactivity to periodontal bacteria in primary SjÃ¶gren's syndrome: a pilot study. Journal of Clinical Periodontology, 2016, 43, 26-33.	2.3	29
21	Porphyromonas gingivalis gingipains cause defective macrophage migration towards apoptotic cells and inhibit phagocytosis of primary apoptotic neutrophils. Cell Death and Disease, 2017, 8, e2644-e2644.	2.7	28
22	Development and application of LED arrays for use in phototherapy research. Journal of Biophotonics, 2017, 10, 1514-1525.	1.1	27
23	Competency assessment for infection control in the undergraduate dental curriculum. European Journal of Dental Education, 2007, 11, 148-154.	1.0	26
24	Development and Application of High-Content Biological Screening for Modulators of NET Production. Frontiers in Immunology, 2018, 9, 337.	2.2	25
25	Discovery, validation, and diagnostic ability of multiple proteinâ€based biomarkers in saliva and gingival crevicular fluid to distinguish between health and periodontal diseases. Journal of Clinical Periodontology, 2022, 49, 622-632.	2.3	21
26	Effects of Porphyromonas gingivalis and Fusobacterium nucleatum on inflammasomes and their regulators in H400 cells. Molecular Oral Microbiology, 2020, 35, 158-167.	1.3	15
27	Photobiomodulation of mineralisation in mesenchymal stem cells. Photochemical and Photobiological Sciences, 2021, 20, 699-714.	1.6	15
28	Violet-Blue Light Arrays at 405 Nanometers Exert Enhanced Antimicrobial Activity for Photodisinfection of Monomicrobial Nosocomial Biofilms. Applied and Environmental Microbiology, 2019, 85, .	1.4	13
29	Automated noninvasive epithelial cell counting in phase contrast microscopy images with automated parameter selection. Journal of Microscopy, 2018, 271, 345-354.	0.8	12
30	Inflammasome dysregulation in human gingival fibroblasts in response to periodontal pathogens. Oral Diseases, 2022, 28, 216-224.	1.5	12
31	Classification of Periodontal Diseases: Where were we? Where are we now? Where are we going?. Dental Update, 2003, 30, 37-44.	0.1	10
32	Micronutrient modulation of NF-Î°B in oral keratinocytes exposed to periodontal bacteria. Innate Immunity, 2013, 19, 140-151.	1.1	10
33	Dysregulation of Inflammasomes in Human Dental Pulp Cells Exposed to Porphyromonas gingivalis and Fusobacterium nucleatum. Journal of Endodontics, 2020, 46, 1265-1272.	1.4	10
34	Gene expression profiles of mitochondria-endoplasmic reticulum tethering in human gingival fibroblasts in response to periodontal pathogens. Archives of Oral Biology, 2021, 128, 105173.	0.8	10
35	Effect of the technique of photodynamic therapy against the main microorganisms responsible for periodontitis: A systematic review of in-vitro studies. Archives of Oral Biology, 2022, 138, 105425.	0.8	10
36	Periodontal diagnosis in the context of the 2017 classification system of periodontal diseases and conditions: Presentation of a middle-aged patient with localised periodontitis. British Dental Journal, 2019, 226, 98-100.	0.3	8

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37	Periodontal Disease and the Ageing Patient. Dental Update, 2005, 32, 598-604.	0.1	7
38	Periodontal diagnosis in the context of the BSP implementation plan for the 2017 classification system of periodontal diseases and conditions: presentation of a pair of young siblings with periodontitis. British Dental Journal, 2019, 226, 23-26.	0.3	7
39	Low level light therapy (LLLT) for the treatment and management of dental and oral diseases. Dental Update, 2014, 41, 763-772.	0.1	6
40	Periodontal diagnosis in the context of the 2017 classification system of periodontal diseases and conditions: presentation of a patient with periodontitis localised to the molar teeth. British Dental Journal, 2019, 226, 180-182.	0.3	6
41	Photobiomodulation reduces hippocampal apoptotic cell death and produces a Raman spectroscopic â€œsignatureâ€• PLoS ONE, 2022, 17, e0264533.	1.1	6
42	Potential for direct application of blue light for photo-disinfection of dentine. Journal of Photochemistry and Photobiology B: Biology, 2021, 215, 112123.	1.7	5
43	Photobiomodulation of oral fibroblasts stimulated with periodontal pathogens. Lasers in Medical Science, 2021, 36, 1957-1969.	1.0	4
44	Response to: â€˜The autoantibody repertoire in periodontitis: a role in the induction of autoimmunity to citrullinated proteins in rheumatoid arthritis? Antibodies against uncitrullinated peptides seem to occur prior to the antibodies to the corresponding citrullinated peptidesâ€™ by Brinket al. Annals of the Rheumatic Diseases, 2014, 73, e47-e47.	0.5	3
45	Cloning, expression and characterization of the gene encoding the enolase from Fusobacterium nucleatum. Applied Biochemistry and Microbiology, 2016, 52, 23-30.	0.3	3
46	The role of antimicrobials in management of periodontal diseases. Dental Update, 2019, 46, 952-958.	0.1	2
47	Particle Size Effects on Abrasion, Surface Polishing and Stain Removal Efficacy in a Tooth Model System. Biotribology, 2021, 28, 100196.	0.9	2
48	Blue light photobiomodulation of dental pulp cells. Lasers in Dental Science, 2022, 6, 79-87.	0.3	2
49	The oral implications of mental health disorders part 2: depression. Dental Update, 2019, 46, 119-124.	0.1	1
50	In Vitro Homeostasis of Rat Oral Epithelial Cell Cultures Following Withdrawal of Periodontal Pathogens. Brazilian Dental Journal, 2020, 31, 135-142.	0.5	1
51	The anti-citrullinated antibody repertoire in periodontitis: a role in the induction of autoimmunity in rheumatoid arthritis?. Lancet, The, 2013, 381, S35.	6.3	0
52	The oral implications of mental health disorders part 1: eating disorders. Dental Update, 2019, 46, 49-52.	0.1	0
53	Cyclic di-nucleotides â€“ what is their role in biofilm formation and pathogenicity of Fusobacterium nucleatum?. Access Microbiology, 2019, 1, .	0.2	0