

Kai Soo Tan

List of Publications by Year in descending order

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48
papers

1,828
citations

331259

21
h-index

264894

42
g-index

48
all docs

48
docs citations

48
times ranked

2949
citing authors

#	ARTICLE	IF	CITATIONS
1	Catechol- O -methyltransferase inhibition increases pain sensitivity through activation of both β 2- and β 3-adrenergic receptors. Pain, 2007, 128, 199-208.	2.0	243
2	β 2 adrenergic receptor activation stimulates pro-inflammatory cytokine production in macrophages via PKA- and NF- κ B-independent mechanisms. Cellular Signalling, 2007, 19, 251-260.	1.7	178
3	The role of titanium surface topography on J774A.1 macrophage inflammatory cytokines and nitric oxide production. Biomaterials, 2006, 27, 5170-5177.	5.7	122
4	Evidence for holin function of tcdE gene in the pathogenicity of Clostridium difficile. Journal of Medical Microbiology, 2001, 50, 613-619.	0.7	121
5	Nano-hydroxyapatite and Nano-titanium Dioxide Exhibit Different Subcellular Distribution and Apoptotic Profile in Human Oral Epithelium. ACS Applied Materials & Interfaces, 2014, 6, 6248-6256.	4.0	87
6	Glutathione deficiency in type 2 diabetes impairs cytokine responses and control of intracellular bacteria. Journal of Clinical Investigation, 2012, 122, 2289-2300.	3.9	86
7	Microglia-Mediated Neurotoxicity Is Inhibited by Morphine through an Opioid Receptor-Independent Reduction of NADPH Oxidase Activity. Journal of Immunology, 2007, 179, 1198-1209.	0.4	81
8	Suppression of Host Innate Immune Response by <i>Burkholderia pseudomallei</i> through the Virulence Factor TssM. Journal of Immunology, 2010, 184, 5160-5171.	0.4	74
9	N-Acetylcysteine Inhibits Growth and Eradicates Biofilm of Enterococcus faecalis. Journal of Endodontics, 2012, 38, 81-85.	1.4	68
10	Effects of Epigallocatechin gallate against Enterococcus faecalis biofilm and virulence. Archives of Oral Biology, 2015, 60, 393-399.	0.8	61
11	Cytolethal distending toxin of Actinobacillus actinomycetemcomitans. Journal of Periodontal Research, 2002, 37, 268-272.	1.4	57
12	Role of β 3 in modulating IL-13-induced MUC5AC and ciliary changes in healthy and CRSwNP mucosa. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 1673-1685.	2.7	42
13	Prevalence of Actinobacillus actinomycetemcomitans in an ethnic adult Chinese population. Journal of Clinical Periodontology, 2001, 28, 886-890.	2.3	39
14	<i>Fusobacterium nucleatum</i> induces cytokine production through TOLL-like receptor-independent mechanism. International Endodontic Journal, 2014, 47, 550-559.	2.3	36
15	Signaling pathways mediating β 3-adrenergic receptor-induced production of interleukin-6 in adipocytes. Molecular Immunology, 2009, 46, 2256-2266.	1.0	32
16	Neutrophils infected with highly virulent influenza H3N2 virus exhibit augmented early cell death and rapid induction of type I interferon signaling pathways. Genomics, 2013, 101, 101-112.	1.3	32
17	Do Blastocystis hominis colony forms undergo programmed cell death?. Parasitology Research, 2001, 87, 362-367.	0.6	30
18	Bacteroides forsythus prtH genotype in periodontitis patients: occurrence and association with periodontal disease. Journal of Periodontal Research, 2001, 36, 398-403.	1.4	29

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19	The association between oral health status and respiratory pathogen colonization with pneumonia risk in institutionalized adults. <i>International Journal of Dental Hygiene</i> , 2018, 16, e96-e102.	0.8	29
20	Effects of root debridement and adjunctive photodynamic therapy in residual pockets of patients on supportive periodontal therapy: A randomized split-mouth trial. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 18, 342-348.	1.3	24
21	Matrix Metalloproteinase Inhibitor as an Antimicrobial Agent to Eradicate <i>Enterococcus faecalis</i> Biofilm. <i>Journal of Endodontics</i> , 2015, 41, 858-863.	1.4	23
22	The Danger Signal Extracellular ATP Is an Inducer of <i>Fusobacterium nucleatum</i> Biofilm Dispersal. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 155.	1.8	23
23	Pterostilbene complexed with cyclodextrin exerts antimicrobial and anti-inflammatory effects. <i>Scientific Reports</i> , 2020, 10, 9072.	1.6	22
24	<i>Blastocystis hominis</i> : A Simplified, High-Efficiency Method for Clonal Growth on Solid Agar. <i>Experimental Parasitology</i> , 2000, 96, 9-15.	0.5	20
25	<i>Fusobacterium nucleatum</i> Activates the Immune Response through Retinoic Acid-Inducible Gene 1. <i>Journal of Dental Research</i> , 2014, 93, 162-168.	2.5	20
26	Rapid Method for the Detection of Root Canal Bacteria in Endodontic Therapy. <i>Journal of Endodontics</i> , 2015, 41, 447-450.	1.4	18
27	<i>Lactobacillus reuteri</i> DSM 17938 and ATCC PTA 5289 ameliorates chemotherapy-induced oral mucositis. <i>Scientific Reports</i> , 2020, 10, 16189.	1.6	18
28	Innate Immune Response of Human Embryonic Stem Cell-Derived Fibroblasts and Mesenchymal Stem Cells to Periodontopathogens. <i>Stem Cells International</i> , 2016, 2016, 1-15.	1.2	16
29	Secreted adenosine triphosphate from <i>Aggregatibacter actinomycetemcomitans</i> triggers chemokine response. <i>Molecular Oral Microbiology</i> , 2016, 31, 423-434.	1.3	16
30	Reduced Glutathione Mediates Resistance to H ₂ S Toxicity in Oral Streptococci. <i>Applied and Environmental Microbiology</i> , 2016, 82, 2078-2085.	1.4	16
31	Introns in the Cytotoxic Distending Toxin Gene of <i>Actinobacillus actinomycetemcomitans</i> . <i>Journal of Bacteriology</i> , 2005, 187, 567-575.	1.0	15
32	Isolation of Alkaline-tolerant Bacteria from Primary Infected Root Canals. <i>Journal of Endodontics</i> , 2015, 41, 451-456.	1.4	15
33	Telomere length is regulated by FGF-2 in human embryonic stem cells and affects the life span of its differentiated progenies. <i>Biogerontology</i> , 2017, 18, 69-84.	2.0	15
34	Antibiotics Used in Regenerative Endodontics Modify Immune Response of Macrophages to Bacterial Infection. <i>Journal of Endodontics</i> , 2019, 45, 1349-1356.	1.4	14
35	Exposure of <i>Blastocystis</i> species to a cytotoxic monoclonal antibody. <i>Parasitology Research</i> , 2001, 87, 534-538.	0.6	13
36	Biotransformation of Piceatannol, a Dietary Resveratrol Derivative: Promises to Human Health. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e1900905.	1.5	13

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37	Graphene Nanocoating: High Quality and Stability upon Several Stressors. Journal of Dental Research, 2021, 100, 1169-1177.	2.5	13
38	Himar1 Transposon for Efficient Random Mutagenesis in <i>Aggregatibacter actinomycetemcomitans</i> . Frontiers in Microbiology, 2017, 8, 1842.	1.5	9
39	Role of oral flora in chemotherapy-induced oral mucositis in vivo. Archives of Oral Biology, 2019, 101, 51-56.	0.8	9
40	Human embryonic stem cells derived keratinocyte as an <i>in vitro</i> research model for the study of immune response. Journal of Oral Pathology and Medicine, 2013, 42, 627-634.	1.4	8
41	Bacterial species associated with persistent apical periodontitis exert differential effects on osteogenic differentiation. International Endodontic Journal, 2019, 52, 201-210.	2.3	8
42	Oral streptococci subvert the host innate immune response through hydrogen peroxide. Scientific Reports, 2022, 12, 656.	1.6	8
43	Cysteamine Enhances Biofilm Eradication Efficacy of Calcium Hydroxide. Journal of Endodontics, 2016, 42, 742-746.	1.4	6
44	MicroRNA expression profile of a Malaysian Bajau family with familial mitochondrial neurogastrointestinal encephalomyopathy. Genetics and Molecular Research, 2015, 14, 13172-13183.	0.3	5
45	Aerosol-generating dental procedures: a reappraisal of analysis methods and infection control measures. Journal of Hospital Infection, 2021, 117, 81-88.	1.4	5
46	Resveratrol and Its Analogs as Functional Foods in Periodontal Disease Management. Frontiers in Dental Medicine, 2021, 2, .	0.5	4
47	Impact of atrial fibrillation among stroke patients in a Malaysian teaching hospital. Medical Journal of Malaysia, 2014, 69, 119-23.	0.2	3
48	Correlation between microbial host factors and caries among older adults. BMC Oral Health, 2021, 21, 47.	0.8	2