Michelle B Visser

List of Publications by Year
in descending order

35 papers	967 citations	471509 17 h-index	454955 30 g-index
35 all docs	35 docs citations	35 times ranked	1297 citing authors

#	Article	IF	Citations
1	Identification ofN-acylhomoserine lactones in mucopurulent respiratory secretions from cystic fibrosis patients. FEMS Microbiology Letters, 2005, 244, 297-304.	1.8	98
2	Copper@ZIFâ€8 Coreâ€Shell Nanowires for Reusable Antimicrobial Face Masks. Advanced Functional Materials, 2021, 31, 2008054.	14.9	98
3	Importance of the Ornibactin and Pyochelin Siderophore Transport Systems in Burkholderia cenocepacia Lung Infections. Infection and Immunity, 2004, 72, 2850-2857.	2.2	82
4	Interspecies communication betweenBurkholderia cepaciaandPseudomonas aeruginosa. Canadian Journal of Microbiology, 2002, 48, 707-716.	1.7	69
5	Distribution of Quorum-Sensing Genes in the Burkholderia cepacia Complex. Infection and Immunity, 2001, 69, 4661-4666.	2.2	68
6	New insights into the emerging role of oral spirochaetes in periodontal disease. Clinical Microbiology and Infection, 2011, 17, 502-512.	6.0	58
7	Carbohydrate Alimentary Overload Laminitis. Veterinary Clinics of North America Equine Practice, 2010, 26, 65-78.	0.7	49
8	Neutrophil transcriptional profile changes during transit from bone marrow to sites of inflammation. Cellular and Molecular Immunology, 2015, 12, 53-65.	10.5	46
9	Identification of Genes Regulated by the cepIR Quorum-Sensing System in Burkholderia cenocepacia by High-Throughput Screening of a Random Promoter Library. Journal of Bacteriology, 2007, 189, 968-979.	2.2	43
10	The timeline of lamellar basement membrane changes during equine laminitis development. Equine Veterinary Journal, 2011, 43, 471-477.	1.7	34
11	Lamellar leukocyte infiltration and involvement of IL-6 during oligofructose-induced equine laminitis development. Veterinary Immunology and Immunopathology, 2011, 144, 120-128.	1.2	33
12	Distribution and Expression of the ZmpA Metalloprotease in the Burkholderia cepacia Complex. Journal of Bacteriology, 2005, 187, 8247-8255.	2.2	30
13	Polymerâ€“antibiotic conjugates as antibacterial additives in dental resins. Biomaterials Science, 2019, 7, 287-295.	5.4	30
14	Identification of potential CepR regulated genes using a cep box motif-based search of the Burkholderia cenocepacia genome. BMC Microbiology, 2006, 6, 104.	3.3	26
15	Treponema denticola Major Outer Sheath Protein Induces Actin Assembly at Free Barbed Ends by a PIP2-Dependent Uncapping Mechanism in Fibroblasts. PLoS ONE, 2011, 6, e23736.	2.5	24
16	Turning the Spotlight on Lipids in Non-Apoptotic Cell Death. ACS Chemical Biology, 2018, 13, 506-515.	3.4	24
17	Characterization of extracellular matrix macromolecules in primary cultures of equine keratinocytes. BMC Veterinary Research, 2010, 6, 16.	1.9	19
18	Biocompatibility and bond degradation of poly-acrylic acid coated copper iodide-adhesives. Dental Materials, 2017, 33, e336-e347.	3.5	19

#	Article	IF	Citations
19	The Câ€terminal region of the major outer sheath protein of Treponema denticola inhibits neutrophil chemotaxis. Molecular Oral Microbiology, 2017, 32, 375-389.	2.7	14
20	Innate Phagocyte Polarization in the Oral Cavity. Frontiers in Immunology, 2021, 12, 768479.	4.8	14
21	Danger signals in oral cavity-related diseases. Journal of Leukocyte Biology, 2019, 106, 193-200.	3.3	13
22	Treponema denticola Major Outer Sheath Protein Impairs the Cellular Phosphoinositide Balance That Regulates Neutrophil Chemotaxis. PLoS ONE, 2013, 8, e66209.	2.5	12
23	Immunohistochemical Distribution of Laminin-332 and Collagen Type IV in the Basement Membrane of Normal Horses and Horses with Induced Laminitis. Journal of Comparative Pathology, 2011, 145, 80-87.	0.4	9
24	Treponema denticola stimulates Oncostatin M cytokine release and de novo synthesis in neutrophils and macrophages. Journal of Leukocyte Biology, 2020, 108, 1527-1541.	3.3	9
25	Strontium Effects on Human Gingival Fibroblasts. Journal of Oral Implantology, 2019, 45, 274-280.	1.0	8
26	The Msp Protein of Treponema denticola Interrupts Activity of Phosphoinositide Processing in Neutrophils. Infection and Immunity, 2019, 87, .	2.2	8
27	Beyond the Individual: A Group-Based Career Development Intervention Implemented in Resource-Constrained Schools in South Africa. Journal for Specialists in Group Work, 2021, 46, 48-61.	1.1	7
28	A Group-based Career Guidance Intervention for South African High School Learners from Low-income Communities. , 2019, , 665-685.		6
29	Sera and salivary matrix metalloproteinases are elevated in patients with vesiculoerosive disease: a pilot study. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2016, 121, 520-529.	0.4	5
30	Biocompatibility, mechanical, and bonding properties of a dental adhesive modified with antibacterial monomer and cross-linker. Clinical Oral Investigations, 2021, 25, 2877-2889.	3.0	4
31	Synthesis and antibacterial activity of polymerâ€“antibiotic conjugates incorporated into a resin-based dental adhesive. Biomaterials Science, 2021, 9, 2043-2052.	5.4	4
32	Neutrophil Extracellular Traps (NETs): an unexplored territory in renal pathobiology, a pilot computational study. , 2020, 11320, .		2
33	Esterase Inhibition and Copper Release from Copper Iodide Dental Adhesives - An In Vitro Study. Journal of Adhesive Dentistry, 2020, 22, 265-274.	0.5	1
34	Mechanical characterization and adhesive properties of a dental adhesive modified with a polymer antibiotic conjugate. Journal of the Mechanical Behavior of Biomedical Materials, 2022, 129, 105153.	3.1	1
35	Effect of radio frequency glowâ€discharge treatment of titanium on human gingival fibroblasts as a function of distance. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 1866-1875.	3.4	0