

Enzo A Palombo

List of Publications by Year in descending order

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166
papers

6,780
citations

70961

41
h-index

76769

74
g-index

171
all docs

171
docs citations

171
times ranked

8182
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Full Genome-Based Classification of Rotaviruses Reveals a Common Origin between Human Wa-Like and Porcine Rotavirus Strains and Human DS-1-Like and Bovine Rotavirus Strains. <i>Journal of Virology</i> , 2008, 82, 3204-3219. | 1.5 | 791 |
| 2 | Traditional Medicinal Plant Extracts and Natural Products with Activity against Oral Bacteria: Potential Application in the Prevention and Treatment of Oral Diseases. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-15. | 0.5 | 369 |
| 3 | Antibacterial activity of traditional Australian medicinal plants. <i>Journal of Ethnopharmacology</i> , 2001, 77, 151-157. | 2.0 | 247 |
| 4 | Phytochemicals from traditional medicinal plants used in the treatment of diarrhoea: modes of action and effects on intestinal function. <i>Phytotherapy Research</i> , 2006, 20, 717-724. | 2.8 | 247 |
| 5 | Are Human P[14] Rotavirus Strains the Result of Interspecies Transmissions from Sheep or Other Ungulates That Belong to the Mammalian Order <i>Artiodactyla</i> ? <i>Journal of Virology</i> , 2009, 83, 2917-2929. | 1.5 | 202 |
| 6 | Molecular Characterisation of Gastrointestinal Microbiota of Children With Autism (With and) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547</i> 419-427. | 2.1 | 166 |
| 7 | Methods used for the detection and subtyping of <i>Listeria monocytogenes</i> . <i>Journal of Microbiological Methods</i> , 2012, 88, 327-341. | 0.7 | 161 |
| 8 | Investigating the role of perceived stress on bacterial flora activity and salivary cortisol secretion: A possible mechanism underlying susceptibility to illness. <i>Biological Psychology</i> , 2008, 77, 132-137. | 1.1 | 156 |
| 9 | Inhibitory activity of yarrow essential oil on <i>Listeria</i> planktonic cells and biofilms. <i>Food Control</i> , 2013, 29, 125-130. | 2.8 | 151 |
| 10 | Extended excretion of rotavirus after severe diarrhoea in young children. <i>Lancet, The</i> , 1998, 351, 1844-1848. | 6.3 | 141 |
| 11 | Biodiversity of culturable psychrotrophic microbiota in raw milk attributable to refrigeration conditions, seasonality and their spoilage potential. <i>International Dairy Journal</i> , 2016, 57, 80-90. | 1.5 | 103 |
| 12 | Epidemiology of Astrovirus Infection in Young Children Hospitalized with Acute Gastroenteritis in Melbourne, Australia, over a Period of Four Consecutive Years, 1995 to 1998. <i>Journal of Clinical Microbiology</i> , 2000, 38, 1058-1062. | 1.8 | 99 |
| 13 | Enzyme inhibitory and antioxidant activities of traditional medicinal plants: Potential application in the management of hyperglycemia. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, 77. | 3.7 | 98 |
| 14 | Physicochemical characterization of solid lipid nanoparticles (SLNs) prepared by a novel microemulsion technique. <i>Journal of Colloid and Interface Science</i> , 2014, 428, 286-294. | 5.0 | 98 |
| 15 | A Review of Analytical Techniques and Their Application in Disease Diagnosis in Breathomics and Salivaomics Research. <i>International Journal of Molecular Sciences</i> , 2017, 18, 24. | 1.8 | 75 |
| 16 | Rotavirus encephalopathy: Pathogenesis reviewed. <i>Journal of Paediatrics and Child Health</i> , 2001, 37, 206-209. | 0.4 | 71 |
| 17 | Rapid identification and source-tracking of <i>Listeria monocytogenes</i> using MALDI-TOF mass spectrometry. <i>International Journal of Food Microbiology</i> , 2015, 202, 1-9. | 2.1 | 71 |
| 18 | Biocementation of sand by <i>Sporosarcina pasteurii</i> strain and technical-grade cementation reagents through surface percolation treatment method. <i>Construction and Building Materials</i> , 2019, 228, 116828. | 3.2 | 71 |

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|----|---|-----|-----------|
| 19 | Genetic analysis of Group A rotaviruses: evidence for interspecies transmission of rotavirus genes. <i>Virus Genes</i> , 2002, 24, 11-20. | 0.7 | 70 |
| 20 | Detection of <i>Listeria monocytogenes</i> from selective enrichment broth using MALDI-TOF Mass Spectrometry. <i>Journal of Proteomics</i> , 2014, 97, 100-106. | 1.2 | 70 |
| 21 | Genetic Characterization of the Rotavirus Nonstructural Protein, NSP4. <i>Virology</i> , 1997, 236, 258-265. | 1.1 | 69 |
| 22 | Imaging the action of antimicrobial peptides on living bacterial cells. <i>Scientific Reports</i> , 2013, 3, 1557. | 1.6 | 69 |
| 23 | Identification of Traditional Medicinal Plant Extracts with Novel Anti-Influenza Activity. <i>PLoS ONE</i> , 2013, 8, e79293. | 1.1 | 69 |
| 24 | Archetypal tryptophan-rich antimicrobial peptides: properties and applications. <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 31. | 1.7 | 67 |
| 25 | Emergence of Serotype G9 Human Rotaviruses in Australia. <i>Journal of Clinical Microbiology</i> , 2000, 38, 1305-1306. | 1.8 | 64 |
| 26 | An omics approach towards the characterisation of laboratory scale anaerobic digesters treating municipal sewage sludge. <i>Water Research</i> , 2016, 88, 346-357. | 5.3 | 63 |
| 27 | Genetic and antigenic characterization of a serotype G6 human rotavirus isolated in Melbourne, Australia. <i>Journal of Medical Virology</i> , 1995, 47, 348-354. | 2.5 | 60 |
| 28 | Lipid Nanoparticles: Production, Characterization and Stability. <i>SpringerBriefs in Pharmaceutical Science & Drug Development</i> , 2015, , . | 0.4 | 57 |
| 29 | The Antimicrobial Domains of Wheat Puroindolines Are Cell-Penetrating Peptides with Possible Intracellular Mechanisms of Action. <i>PLoS ONE</i> , 2013, 8, e75488. | 1.1 | 55 |
| 30 | Phenotypic Detection of Carbapenemase-Producing Enterobacteriaceae by Use of Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry and the Carba NP Test. <i>Journal of Clinical Microbiology</i> , 2014, 52, 4075-4077. | 1.8 | 54 |
| 31 | Antibacterial activity of Australian plant extracts against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) and vancomycin-resistant enterococci (VRE). <i>Journal of Basic Microbiology</i> , 2002, 42, 444-448. | 1.8 | 53 |
| 32 | Comparison of identification systems for psychrotrophic bacteria isolated from raw bovine milk. <i>International Journal of Food Microbiology</i> , 2014, 189, 26-38. | 2.1 | 53 |
| 33 | A Community Multi-Omics Approach towards the Assessment of Surface Water Quality in an Urban River System. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 303. | 1.2 | 53 |
| 34 | Processing Stability and Biodegradation of Polylactic Acid (PLA) Composites Reinforced with Cotton Linters or Maple Hardwood Fibres. <i>Journal of Polymers and the Environment</i> , 2013, 21, 54-70. | 2.4 | 50 |
| 35 | Identification of the antibacterial component of an ethanolic extract of the Australian medicinal plant, <i>Eremophila duttonii</i> . <i>Phytotherapy Research</i> , 2004, 18, 615-618. | 2.8 | 47 |
| 36 | Anti-listerial activity of ethanolic extracts of medicinal plants, <i>Eremophila alternifolia</i> and <i>Eremophila duttonii</i> , in food homogenates and milk. <i>Food Control</i> , 2007, 18, 387-390. | 2.8 | 46 |

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|----|--|-----|-----------|
| 37 | Transport of stearic acid-based solid lipid nanoparticles (SLNs) into human epithelial cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 140, 204-212. | 2.5 | 46 |
| 38 | Cinnamaldehyde disrupts biofilm formation and swarming motility of <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 2018, 164, 1087-1097. | 0.7 | 46 |
| 39 | Characterisation of a 'European-like' serotype G8 human rotavirus isolated in Australia. , 2000, 60, 56-62. | | 44 |
| 40 | Genetic and Antigenic Characterization of Rotavirus Serotype G9 Strains Isolated in Australia between 1997 and 2001. <i>Journal of Clinical Microbiology</i> , 2003, 41, 3649-3654. | 1.8 | 44 |
| 41 | Inhibition or acceleration: Bacterial test media can determine the course of microbiologically influenced corrosion. <i>Corrosion Science</i> , 2014, 86, 149-158. | 3.0 | 44 |
| 42 | A Tn5051-like mer-containing transposon identified in a heavy metal tolerant strain <i>Achromobacter</i> sp. AO22. <i>BMC Research Notes</i> , 2009, 2, 38. | 0.6 | 43 |
| 43 | Microbial contamination of computer keyboards in a university setting. <i>American Journal of Infection Control</i> , 2009, 37, 507-509. | 1.1 | 43 |
| 44 | Molecular Characterization of Porcine Rotaviruses from the Southern Region of Brazil: Characterization of an Atypical Genotype G[9] Strain. <i>Journal of Clinical Microbiology</i> , 2000, 38, 2443-2446. | 1.8 | 43 |
| 45 | Application of metabolomics to understanding biofilms in water distribution systems: a pilot study. <i>Biofouling</i> , 2013, 29, 283-294. | 0.8 | 41 |
| 46 | Detection of <i>Listeria</i> in milk using non-targeted metabolic profiling of <i>Listeria monocytogenes</i> : A proof-of-concept application. <i>Food Control</i> , 2014, 42, 343-346. | 2.8 | 41 |
| 47 | Fecal Microbiota and Metabolome in a Mouse Model of Spontaneous Chronic Colitis. <i>Inflammatory Bowel Diseases</i> , 2016, 22, 2767-2787. | 0.9 | 41 |
| 48 | Detection of Foodborne Pathogens Using Proteomics and Metabolomics-Based Approaches. <i>Frontiers in Microbiology</i> , 2018, 9, 3132. | 1.5 | 40 |
| 49 | Activity of Cinnamaldehyde on Quorum Sensing and Biofilm Susceptibility to Antibiotics in <i>Pseudomonas aeruginosa</i> . <i>Microorganisms</i> , 2020, 8, 455. | 1.6 | 38 |
| 50 | Pharmacological Properties of Guggulsterones, the Major Active Components of Gum Guggul. <i>Phytotherapy Research</i> , 2012, 26, 1594-1605. | 2.8 | 37 |
| 51 | Amylase production by <i>Preussia minima</i> , a fungus of endophytic origin: optimization of fermentation conditions and analysis of fungal secretome by LC-MS. <i>BMC Microbiology</i> , 2014, 14, 55. | 1.3 | 37 |
| 52 | Activity of Essential Oils Against <i>Bacillus subtilis</i> Spores. <i>Journal of Microbiology and Biotechnology</i> , 2009, 19, 1590-1595. | 0.9 | 35 |
| 53 | Genetic and antigenic diversity of human rotaviruses: potential impact on the success of candidate vaccines. <i>FEMS Microbiology Letters</i> , 1999, 181, 1-8. | 0.7 | 34 |
| 54 | Comparing the identification of <i>Clostridium</i> spp. by two Matrix-Assisted Laser Desorption Ionization-Time of Flight (MALDI-TOF) mass spectrometry platforms to 16S rRNA PCR sequencing as a reference standard: A detailed analysis of age of culture and sample preparation. <i>Anaerobe</i> , 2014, 30, 85-89. | 1.0 | 34 |

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|----|--|-----|-----------|
| 55 | Anthelmintic activity of selected ethno-medicinal plant extracts on parasitic stages of <i>Haemonchus contortus</i> . <i>Parasites and Vectors</i> , 2016, 9, 187. | 1.0 | 34 |
| 56 | Microwave-assisted formulation of solid lipid nanoparticles loaded with non-steroidal anti-inflammatory drugs. <i>International Journal of Pharmaceutics</i> , 2016, 515, 543-554. | 2.6 | 34 |
| 57 | Microwave-assisted microemulsion technique for production of miconazole nitrate- and econazole nitrate-loaded solid lipid nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 117, 141-150. | 2.0 | 34 |
| 58 | Detection of astrovirus gastroenteritis in children. <i>Journal of Virological Methods</i> , 2000, 84, 99-105. | 1.0 | 33 |
| 59 | Detection and analysis of bovine rotavirus strains circulating in Australian calves during 2004 and 2005. <i>Veterinary Microbiology</i> , 2010, 140, 56-62. | 0.8 | 33 |
| 60 | Omics-based approaches and their use in the assessment of microbial-influenced corrosion of metals. <i>Corrosion Reviews</i> , 2016, 34, 1-15. | 1.0 | 33 |
| 61 | Oxaliplatin-induced changes in microbiota, TLR4+ cells and enhanced HMGB1 expression in the murine colon. <i>PLoS ONE</i> , 2018, 13, e0198359. | 1.1 | 33 |
| 62 | Puroindolines, Pin alleles, hordoindolines and grain softness proteins are sources of bactericidal and fungicidal peptides. <i>Journal of Cereal Science</i> , 2011, 53, 112-117. | 1.8 | 32 |
| 63 | Phage Inhibition of <i>Escherichia coli</i> in Ultrahigh-Temperature-Treated and Raw Milk. <i>Foodborne Pathogens and Disease</i> , 2013, 10, 956-962. | 0.8 | 32 |
| 64 | Metabolic profiling of biofilm bacteria known to cause microbial influenced corrosion. <i>Water Science and Technology</i> , 2014, 69, 1-8. | 1.2 | 32 |
| 65 | Anti-biofilm and sporicidal activity of peptides based on wheat puroindoline and barley hordoindoline proteins. <i>Journal of Peptide Science</i> , 2016, 22, 492-500. | 0.8 | 32 |
| 66 | Improved sensitivity of astrovirus-specific RT-PCR following culture of stool samples in CaCO-2 cells. <i>Journal of Clinical Virology</i> , 1998, 11, 103-107. | 1.6 | 31 |
| 67 | Biodegradation of sequentially surface treated lignocellulose reinforced polylactic acid composites: Carbon dioxide evolution and morphology. <i>Polymer Degradation and Stability</i> , 2012, 97, 430-438. | 2.7 | 31 |
| 68 | Endophytes from an Australian native plant are a promising source of industrially useful enzymes. <i>World Journal of Microbiology and Biotechnology</i> , 2013, 29, 335-345. | 1.7 | 30 |
| 69 | A feasible scale-up production of <i>Sporosarcina pasteurii</i> using custom-built stirred tank reactor for in-situ soil biocementation. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 24, 101544. | 1.5 | 30 |
| 70 | Enhancing a search for traditional medicinal plants with anthelmintic action by using wild type and stress reporter <i>Caenorhabditis elegans</i> strains as screening tools. <i>International Journal for Parasitology</i> , 2014, 44, 291-298. | 1.3 | 29 |
| 71 | A multi-omics based ecological analysis of coastal marine sediments from Gladstone, in Australia's Central Queensland, and Heron Island, a nearby fringing platform reef. <i>Science of the Total Environment</i> , 2017, 609, 842-853. | 3.9 | 29 |
| 72 | Antimicrobial peptides: biochemical determinants of activity and biophysical techniques of elucidating their functionality. <i>World Journal of Microbiology and Biotechnology</i> , 2018, 34, 62. | 1.7 | 28 |

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|----|---|-----|-----------|
| 73 | On the need for more realistic experimental conditions in laboratory-based microbiologically influenced corrosion testing. <i>International Biodeterioration and Biodegradation</i> , 2017, 121, 97-106. | 1.9 | 27 |
| 74 | Review of the methods used for isolating pharmaceutical lead compounds from traditional medicinal plants. <i>The Environmentalist</i> , 2007, 27, 165-174. | 0.7 | 26 |
| 75 | Metabolomic analysis of <i>Cryptosporidium parvum</i> oocysts in water: A proof of concept demonstration. <i>Environmental Pollution</i> , 2013, 174, 201-203. | 3.7 | 26 |
| 76 | Optimization of degradation of winery-derived biomass waste by Ascomycetes. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 1793-1801. | 1.6 | 26 |
| 77 | Encapsulation of clotrimazole into solid lipid nanoparticles by microwave-assisted microemulsion technique. <i>Applied Materials Today</i> , 2016, 5, 118-127. | 2.3 | 25 |
| 78 | Untargeted Metabolic Profiling of Winery-Derived Biomass Waste Degradation by <i>Penicillium chrysogenum</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 10696-10704. | 2.4 | 24 |
| 79 | Exploring the anti-diabetic potential of Australian Aboriginal and Indian Ayurvedic plant extracts using cell-based assays. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 8. | 3.7 | 24 |
| 80 | Optimization of protease production by endophytic fungus, <i>Alternaria alternata</i> , isolated from an Australian native plant. <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 1755-1762. | 1.7 | 23 |
| 81 | Intra- and inter-season genetic variability in the VP 7 gene of serotype 1 (monotype 1 a) rotavirus clinical isolates. <i>Archives of Virology</i> , 1993, 130, 57-69. | 0.9 | 22 |
| 82 | Untargeted metabolic profiling of <i>Vitis vinifera</i> during fungal degradation. <i>FEMS Microbiology Letters</i> , 2015, 362, . | 0.7 | 22 |
| 83 | Natural Products Are a Promising Source for Anthelmintic Drug Discovery. <i>Biomolecules</i> , 2021, 11, 1457. | 1.8 | 22 |
| 84 | Antibacterial compounds from <i>Planchonia careya</i> leaf extracts. <i>Journal of Ethnopharmacology</i> , 2008, 116, 554-560. | 2.0 | 21 |
| 85 | The Pinb-2 genes in wheat comprise a multigene family with great sequence diversity and important variants. <i>Journal of Cereal Science</i> , 2012, 56, 171-180. | 1.8 | 21 |
| 86 | Structure of solid lipid nanoparticles produced by a microwave-assisted microemulsion technique. <i>RSC Advances</i> , 2016, 6, 36803-36810. | 1.7 | 21 |
| 87 | Revealing the sequence of interactions of PuroA peptide with <i>Candida albicans</i> cells by live-cell imaging. <i>Scientific Reports</i> , 2017, 7, 43542. | 1.6 | 21 |
| 88 | Necrotic Enteritis in Chickens Associated with <i>Clostridium sordellii</i> . <i>Avian Diseases</i> , 2015, 59, 447-451. | 0.4 | 20 |
| 89 | Seasonal metabolic analysis of marine sediments collected from Moreton Bay in South East Queensland, Australia, using a multi-omics-based approach. <i>Science of the Total Environment</i> , 2018, 631-632, 1328-1341. | 3.9 | 20 |
| 90 | Untargeted metabolomics analysis of the upper respiratory tract of ferrets following influenza A virus infection and oseltamivir treatment. <i>Metabolomics</i> , 2019, 15, 33. | 1.4 | 20 |

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|-----|---|-----|-----------|
| 91 | Structure Analysis of Solid Lipid Nanoparticles for Drug Delivery: A Combined USANS/SANS Study. Particle and Particle Systems Characterization, 2019, 36, 1800359. | 1.2 | 20 |
| 92 | Cryptosporidiosis Modulates the Gut Microbiome and Metabolism in a Murine Infection Model. Metabolites, 2021, 11, 380. | 1.3 | 20 |
| 93 | Characterisation of antibacterial Australian medicinal plant extracts by investigation of the mechanism of action and the effect of interfering substances. Journal of Basic Microbiology, 2005, 45, 363-370. | 1.8 | 19 |
| 94 | Characterisation of G8 human rotaviruses in Australian children with gastroenteritis. Virus Research, 2010, 148, 1-7. | 1.1 | 19 |
| 95 | Microbiological quality of raw milk attributable to prolonged refrigeration conditions. Journal of Dairy Research, 2017, 84, 92-101. | 0.7 | 19 |
| 96 | Heavy Metal Phytoremediation Potential of a Heavy Metal Resistant Soil Bacterial Isolate, Achromobacter sp. Strain AO22. APCBEE Procedia, 2013, 5, 502-507. | 0.5 | 18 |
| 97 | Genetic variation associated with hypersensitivity to mercury. Toxicology International, 2014, 21, 236. | 0.1 | 18 |
| 98 | Liquid chromatography time of flight mass spectrometry based environmental metabolomics for the analysis of Pseudomonas putida Bacteria in potable water. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 966, 179-186. | 1.2 | 18 |
| 99 | Expanding Distribution of Human Serotype G6 Rotaviruses in Australia. Microbiology and Immunology, 2002, 46, 499-502. | 0.7 | 16 |
| 100 | Stability of puroindoline peptides and effects on wheat rust. World Journal of Microbiology and Biotechnology, 2013, 29, 1409-1419. | 1.7 | 16 |
| 101 | Metabolic profiling and in vitro assessment of anthelmintic fractions of Picria fel-terrae Lour.. International Journal for Parasitology: Drugs and Drug Resistance, 2016, 6, 171-178. | 1.4 | 16 |
| 102 | Winery biomass waste degradation by sequential sonication and mixed fungal enzyme treatments. Fungal Genetics and Biology, 2017, 102, 22-30. | 0.9 | 16 |
| 103 | Metabolites of endophytic fungi from Australian native plants as potential anticancer agents. FEMS Microbiology Letters, 2018, 365, . | 0.7 | 16 |
| 104 | Functional analysis of pristine estuarine marine sediments. Science of the Total Environment, 2021, 781, 146526. | 3.9 | 16 |
| 105 | Sequence of the VP7 Gene of an Atypical Human Rotavirus: Evidence for Genetic and Antigenic Drift. DNA Sequence, 1997, 7, 307-311. | 0.7 | 15 |
| 106 | Design considerations for high-temperature respirometric biodegradation of polymers in compost. Polymer Testing, 2010, 29, 147-157. | 2.3 | 15 |
| 107 | Comparative degradation of hydrothermal pretreated winery grape wastes by various fungi. Industrial Crops and Products, 2014, 59, 228-233. | 2.5 | 15 |
| 108 | Species-Level Discrimination of Psychrotrophic Pathogenic and Spoilage Gram-Negative Raw Milk Isolates Using a Combined MALDI-TOF MS Proteomics and Bioinformatics-based Approach. Journal of Proteome Research, 2017, 16, 2188-2203. | 1.8 | 15 |

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|-----|--|-----|-----------|
| 109 | Prevalence and Characteristics of <i>Bacillus cereus</i> Group Isolated from Raw and Pasteurised Milk. <i>Current Microbiology</i> , 2020, 77, 3065-3075. | 1.0 | 15 |
| 110 | Antibacterial Efficacy of Cold-Sprayed Copper Coatings against Gram-Positive <i>Staphylococcus aureus</i> and Gram-Negative <i>Escherichia coli</i> . <i>Materials</i> , 2021, 14, 6744. | 1.3 | 15 |
| 111 | Identification of a copper-responsive promoter and development of a copper biosensor in the soil bacterium <i>Achromobacter</i> sp. AO22. <i>World Journal of Microbiology and Biotechnology</i> , 2012, 28, 2221-2228. | 1.7 | 14 |
| 112 | Determination of <i>Ancylostoma caninum</i> ova viability using metabolic profiling. <i>Parasitology Research</i> , 2016, 115, 3485-3492. | 0.6 | 13 |
| 113 | A functional gene-array analysis of microbial communities settling on microplastics in a peat-draining environment. <i>Marine Pollution Bulletin</i> , 2021, 166, 112226. | 2.3 | 13 |
| 114 | Acylated flavonoid tetraglycoside from <i>Planchonia careya</i> leaves. <i>Phytochemistry Letters</i> , 2008, 1, 99-102. | 0.6 | 12 |
| 115 | Anti-Mycobacterial Activity of Extracts Derived from Australian Medicinal Plants. <i>Research Journal of Microbiology</i> , 2008, 3, 535-538. | 0.2 | 12 |
| 116 | The Heavy Metal Tolerant Soil Bacterium <i>Achromobacter</i> sp. AO22 Contains a Unique Copper Homeostasis Locus and Two mer Operons. <i>Journal of Microbiology and Biotechnology</i> , 2012, 22, 742-753. | 0.9 | 12 |
| 117 | Comparative antimicrobial activity of South East Asian plants used in Bornean folkloric medicine. <i>Journal of Herbal Medicine</i> , 2014, 4, 96-105. | 1.0 | 11 |
| 118 | Antibacterial Nerol Cinnamates from the Australian Plant <i>Eremophila longifolia</i> . <i>Journal of Natural Products</i> , 2017, 80, 1178-1181. | 1.5 | 11 |
| 119 | Investigating the Effects of Time and Temperature on the Growth of <i>Escherichia coli</i> O157:H7 and <i>Listeria monocytogenes</i> in Raw Cow's Milk Based on Simulated Consumer Food Handling Practices. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2691. | 1.2 | 11 |
| 120 | Influence of Human Activities on Broad-Scale Estuarine-Marine Habitats Using Omics-Based Approaches Applied to Marine Sediments. <i>Microorganisms</i> , 2019, 7, 419. | 1.6 | 11 |
| 121 | Sequence Comparison of the VP7 of Serotype G2 Rotaviruses from Diverse Geographical Locations. <i>DNA Sequence</i> , 1998, 9, 369-373. | 0.7 | 10 |
| 122 | Poly(lactic Acid) Composites Utilising Sequential Surface Treatments of Lignocellulose: Chemistry, Morphology and Properties. <i>Journal of Polymers and the Environment</i> , 2011, 19, 849-862. | 2.4 | 10 |
| 123 | The co-operative interaction of puroindolines in wheat grain texture may involve the hydrophobic domain. <i>Journal of Cereal Science</i> , 2014, 60, 323-330. | 1.8 | 10 |
| 124 | Physicochemical Stability. <i>SpringerBriefs in Pharmaceutical Science & Drug Development</i> , 2015, , 75-97. | 0.4 | 10 |
| 125 | An epifluorescence-based evaluation of the effects of short-term particle association on the chlorination of surface water bacteria. <i>Water Research</i> , 2014, 63, 199-208. | 5.3 | 9 |
| 126 | Identification of Putative Biomarkers Specific to Foodborne Pathogens Using Metabolomics. <i>Methods in Molecular Biology</i> , 2019, 1918, 149-164. | 0.4 | 9 |

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|-----|---|------|-----------|
| 127 | Stability mechanisms for microwave-produced solid lipid nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 643, 128774. | 2.3 | 9 |
| 128 | Construction of an infectious cDNA clone of Enterovirus 71: Insights into the factors ensuring experimental success. <i>Journal of Virological Methods</i> , 2014, 197, 67-76. | 1.0 | 8 |
| 129 | Effects of Rationally Designed Physico-Chemical Variants of the Peptide PuroA on Biocidal Activity towards Bacterial and Mammalian Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8624. | 1.8 | 8 |
| 130 | Omics-based ecosurveillance uncovers the influence of estuarine macrophytes on sediment microbial function and metabolic redundancy in a tropical ecosystem. <i>Science of the Total Environment</i> , 2022, 809, 151175. | 3.9 | 8 |
| 131 | Mercury in Vaccines from the Australian Childhood Immunization Program Schedule. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2010, 73, 637-640. | 1.1 | 7 |
| 132 | Effect of pH and electrolytes on the colloidal stability of stearic acid-based lipid nanoparticles. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1. | 0.8 | 7 |
| 133 | Genetic relatedness of VP1 genes of Australian and Taiwanese rotavirus isolates. <i>FEMS Microbiology Letters</i> , 2001, 198, 147-150. | 0.7 | 6 |
| 134 | Genetic variation of NSP1 and NSP4 genes among serotype G9 rotaviruses causing hospitalization of children in Melbourne, Australia, 1997-2002. <i>Journal of Medical Virology</i> , 2006, 78, 1124-1130. | 2.5 | 6 |
| 135 | Comparison of evaporation techniques for the preparation of salivary cortisol for analysis by liquid chromatography-electrospray tandem mass spectrometry. <i>Clinical Biochemistry</i> , 2008, 41, 1413-1416. | 0.8 | 6 |
| 136 | Gastrointestinal microbiology in autistic spectrum disorder: a review. <i>Reviews in Medical Microbiology</i> , 2010, 21, 44-50. | 0.4 | 6 |
| 137 | Characterization. <i>SpringerBriefs in Pharmaceutical Science & Drug Development</i> , 2015, , 45-74. | 0.4 | 6 |
| 138 | Untargeted metabolic profiling of winery-derived biomass waste degradation by <i>Aspergillus niger</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 1505-1516. | 1.6 | 6 |
| 139 | Direct Measurement of Pore Dynamics and Leakage Induced by a Model Antimicrobial Peptide in Single Vesicles and Cells. <i>Langmuir</i> , 2016, 32, 6496-6505. | 1.6 | 6 |
| 140 | The efficacy and safety of pinocembrin in a sheep model of bleomycin-induced pulmonary fibrosis. <i>PLoS ONE</i> , 2021, 16, e0260719. | 1.1 | 6 |
| 141 | Global Impact of Heparin on Gene Expression Profiles in Neural Cells Infected by Enterovirus 71. <i>Intervirology</i> , 2014, 57, 93-100. | 1.2 | 5 |
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