

Jacques Yaacoub Bou Khalil

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,275
citations

567144

15
h-index

377752

34
g-index

52
all docs

52
docs citations

52
times ranked

1081
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Tailed giant Tupanvirus possesses the most complete translational apparatus of the known virosphere. <i>Nature Communications</i> , 2018, 9, 749. | 5.8 | 247 |
| 2 | Faustovirus, an Asfarvirus-Related New Lineage of Giant Viruses Infecting Amoebae. <i>Journal of Virology</i> , 2015, 89, 6585-6594. | 1.5 | 191 |
| 3 | <i>Clostridium butyricum</i> Strains and Dysbiosis Linked to Necrotizing Enterocolitis in Preterm Neonates. <i>Clinical Infectious Diseases</i> , 2015, 61, 1107-1115. | 2.9 | 109 |
| 4 | Pacmanvirus, a New Giant Icosahedral Virus at the Crossroads between Asfarviridae and Faustoviruses. <i>Journal of Virology</i> , 2017, 91, . | 1.5 | 99 |
| 5 | Cedratvirus, a Double-Cork Structured Giant Virus, is a Distant Relative of Pithoviruses. <i>Viruses</i> , 2016, 8, 300. | 1.5 | 98 |
| 6 | Updating strategies for isolating and discovering giant viruses. <i>Current Opinion in Microbiology</i> , 2016, 31, 80-87. | 2.3 | 55 |
| 7 | Comparison of a Modern and Fossil Pithovirus Reveals Its Genetic Conservation and Evolution. <i>Genome Biology and Evolution</i> , 2016, 8, 2333-2339. | 1.1 | 53 |
| 8 | Ultrarapid diagnosis, microscope imaging, genome sequencing, and culture isolation of SARS-CoV-2. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020, 39, 1601-1603. | 1.3 | 52 |
| 9 | The Strengths of Scanning Electron Microscopy in Deciphering SARS-CoV-2 Infectious Cycle. <i>Frontiers in Microbiology</i> , 2020, 11, 2014. | 1.5 | 51 |
| 10 | Among Live and Dead Bacteria, the Optimization of Sample Collection and Processing Remains Essential in Recovering Gut Microbiota Components. <i>Frontiers in Microbiology</i> , 2019, 10, 1606. | 1.5 | 44 |
| 11 | A new protectant medium preserving bacterial viability after freeze drying. <i>Microbiological Research</i> , 2020, 236, 126454. | 2.5 | 33 |
| 12 | Discovery and Further Studies on Giant Viruses at the IHU Mediterranean Infection That Modified the Perception of the Virosphere. <i>Viruses</i> , 2019, 11, 312. | 1.5 | 23 |
| 13 | High-throughput isolation of giant viruses using high-content screening. <i>Communications Biology</i> , 2019, 2, 216. | 2.0 | 21 |
| 14 | Running after ghosts: are dead bacteria the dark matter of the human gut microbiota?. <i>Gut Microbes</i> , 2021, 13, 1-12. | 4.3 | 20 |
| 15 | <i>Mycobacterium icosiumassiliensis</i> sp. nov., a New Member in the <i>Mycobacterium terrae</i> Complex Isolated from Surface Water in Algeria. <i>Current Microbiology</i> , 2016, 73, 255-264. | 1.0 | 16 |
| 16 | A Rapid Strategy for the Isolation of New Faustoviruses from Environmental Samples Using <i>Vermamoeba vermiformis</i> . <i>Journal of Visualized Experiments</i> , 2016, , . | 0.2 | 16 |
| 17 | Passive Filtration, Rapid Scanning Electron Microscopy, and Matrix-Assisted Laser Desorption Ionization–Time of Flight Mass Spectrometry for <i>Treponema</i> Culture and Identification from the Oral Cavity. <i>Journal of Clinical Microbiology</i> , 2019, 57, . | 1.8 | 14 |
| 18 | Advantages and Limits of Metagenomic Assembly and Binning of a Giant Virus. <i>MSystems</i> , 2020, 5, . | 1.7 | 14 |

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|----|---|-----|-----------|
| 19 | Multidisciplinary evaluation of <i>Clostridium butyricum</i> clonality isolated from preterm neonates with necrotizing enterocolitis in South France between 2009 and 2017. <i>Scientific Reports</i> , 2019, 9, 20777. | 1.6 | 10 |
| 20 | Draft genome and description of <i>Cohnella massiliensis</i> sp. nov., a new bacterial species isolated from the blood culture of a hemodialysis patient. <i>Archives of Microbiology</i> , 2019, 201, 305-312. | 1.0 | 10 |
| 21 | Scanning Electron Microscope: A New Potential Tool to Replace Gram Staining for Microbe Identification in Blood Cultures. <i>Microorganisms</i> , 2021, 9, 1170. | 1.6 | 10 |
| 22 | Rapid Scanning Electron Microscopy Detection and Sequencing of Severe Acute Respiratory Syndrome Coronavirus 2 and Other Respiratory Viruses. <i>Frontiers in Microbiology</i> , 2020, 11, 596180. | 1.5 | 9 |
| 23 | <i>Urinicoccus massiliensis</i> gen. nov., sp. nov., a new bacterium isolated from a human urine sample from a 7-year-old boy hospitalized for dental care. <i>New Microbes and New Infections</i> , 2019, 32, 100615. | 0.8 | 8 |
| 24 | Rapid Detection of Imipenem Resistance in Gram-Negative Bacteria Using Tabletop Scanning Electron Microscopy: A Preliminary Evaluation. <i>Frontiers in Microbiology</i> , 2021, 12, 658322. | 1.5 | 8 |
| 25 | Adapted Protocol for <i>Saccharibacteria</i> Cocultivation: Two New Members Join the Club of Candidate Phyla Radiation. <i>Microbiology Spectrum</i> , 2021, 9, e0106921. | 1.2 | 8 |
| 26 | High-speed large-scale automated isolation of SARS-CoV-2 from clinical samples using miniaturized co-culture coupled to high-content screening. <i>Clinical Microbiology and Infection</i> , 2021, 27, 128.e1-128.e7. | 2.8 | 7 |
| 27 | Hydroxychloroquine susceptibility determination of <i>Coxiella burnetii</i> in human embryonic lung (HEL) fibroblast cells. <i>International Journal of Antimicrobial Agents</i> , 2017, 50, 106-109. | 1.1 | 4 |
| 28 | <i>Brachybacterium timonense</i> sp. nov., a new bacterium isolated from human sputum. <i>New Microbes and New Infections</i> , 2019, 31, 100568. | 0.8 | 4 |
| 29 | <i>Enterobacter timonensis</i> sp. nov., a new bacterium isolated from a fresh human stool specimen. <i>New Microbes and New Infections</i> , 2019, 32, 100586. | 0.8 | 4 |
| 30 | <i>Parabacteroides bouchesdurhonensis</i> sp. nov., a new bacterium isolated from the stool of a healthy adult. <i>New Microbes and New Infections</i> , 2020, 34, 100639. | 0.8 | 4 |
| 31 | Quantitative Analysis System for Bacterial Cells in SEM Image using Deep Learning. , 2021, , . | | 4 |
| 32 | <i>Prevotella marseillensis</i> sp. nov., a new bacterium isolated from a patient with recurrent <i>Clostridium difficile</i> infection. <i>New Microbes and New Infections</i> , 2019, 32, 100606. | 0.8 | 3 |
| 33 | Single Cell Micro-aspiration as an Alternative Strategy to Fluorescence-activated Cell Sorting for Giant Virus Mixture Separation. <i>Journal of Visualized Experiments</i> , 2019, , . | 0.2 | 3 |
| 34 | High-Content Screening, a Reliable System for <i>Coxiella burnetii</i> Isolation from Clinical Samples. <i>Journal of Clinical Microbiology</i> , 2020, 58, . | 1.8 | 3 |
| 35 | Full-repertoire comparison of the microscopic objects composing the human gut microbiome with sequenced and cultured communities. <i>Journal of Microbiology</i> , 2020, 58, 377-386. | 1.3 | 3 |
| 36 | <i>Enterococcus mediterraneensis</i> sp. nov., a new bacterium isolated from the stool of a 39-year-old Pygmy. <i>New Microbes and New Infections</i> , 2019, 32, 100599. | 0.8 | 2 |

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|----|---|-----|-----------|
| 37 | <i>Clostridium transplantifaeale</i> sp. nov., a new bacterium isolated from patient with recurrent <i>Clostridium difficile</i> infection. <i>New Microbes and New Infections</i> , 2019, 32, 100598. | 0.8 | 2 |
| 38 | <i>Anaerosphaera massiliensis</i> sp. nov., a new bacterium isolated from the stool of a 39-year-old Pygmy. <i>New Microbes and New Infections</i> , 2020, 33, 100633. | 0.8 | 2 |
| 39 | Coculture at the crossroads of the new microbiology techniques for the isolation of strict intracellular bacteria. <i>Future Microbiology</i> , 2020, 15, 287-298. | 1.0 | 2 |
| 40 | <i>Dorea phocaeensis</i> sp. nov., a new bacterium isolated from the stool of a healthy 29-year-old male. <i>New Microbes and New Infections</i> , 2019, 32, 100600. | 0.8 | 1 |
| 41 | <i>Selenomonas felix</i> sp. nov., a new bacterium isolated from human sputum. <i>New Microbes and New Infections</i> , 2019, 31, 100567. | 0.8 | 1 |
| 42 | <i>Klenkia terrae</i> resistant to DNA extraction in germ-free mice stools illustrates the extraction pitfall faced by metagenomics. <i>Scientific Reports</i> , 2020, 10, 10228. | 1.6 | 1 |
| 43 | Draft genome and description of <i>Chryseobacterium phocaeense</i> sp. nov.: a new bacterial species isolated from the sputum of a cystic fibrosis patient. <i>Archives of Microbiology</i> , 2019, 201, 1361-1368. | 1.0 | 0 |
| 44 | <i>Acidaminococcus provencensis</i> sp. nov., a new bacterium isolated from a fresh human stool specimen. <i>New Microbes and New Infections</i> , 2019, 31, 100573. | 0.8 | 0 |
| 45 | <i>Virgibacillus ndiopensis</i> sp. nov., a new halophilic bacterium isolated from the stool of a healthy 11-year-old boy. <i>New Microbes and New Infections</i> , 2019, 30, 100541. | 0.8 | 0 |
| 46 | Deep Learning Based Bacteria Classification from SEM Images Using a Combination of Membrane and Internal Features. , 2022, , . | | 0 |
| 47 | A new asfarvirus infecting amoebas discovered in hematophagous arthropods and their vertebrate hosts. <i>Virologie</i> , 2016, 20, 245-247. | 0.1 | 0 |
| 48 | Antimicrobial susceptibility testing for Gram positive cocci towards vancomycin using scanning electron microscopy. <i>Current Research in Microbial Sciences</i> , 2022, 3, 100154. | 1.4 | 0 |