

# Olivier Jousson

## List of Publications by Year in descending order

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78  
papers

6,356  
citations

117453

34  
h-index

71532

76  
g-index

80  
all docs

80  
docs citations

80  
times ranked

10485  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metagenomic microbial community profiling using unique clade-specific marker genes. <i>Nature Methods</i> , 2012, 9, 811-814.	9.0	1,591
2	New evidences on the altered gut microbiota in autism spectrum disorders. <i>Microbiome</i> , 2017, 5, 24.	4.9	668
3	Secreted proteases from pathogenic fungi. <i>International Journal of Medical Microbiology</i> , 2002, 292, 405-419.	1.5	330
4	Invasive alga reaches California. <i>Nature</i> , 2000, 408, 157-158.	13.7	188
5	Two-Way Chemical Communication between Artificial and Natural Cells. <i>ACS Central Science</i> , 2017, 3, 117-123.	5.3	178
6	Genomic characterization of Nontuberculous Mycobacteria. <i>Scientific Reports</i> , 2017, 7, 45258.	1.6	176
7	Age and Gender Affect the Composition of Fungal Population of the Human Gastrointestinal Tract. <i>Frontiers in Microbiology</i> , 2016, 7, 1227.	1.5	170
8	Unexplored diversity and strain-level structure of the skin microbiome associated with psoriasis. <i>Npj Biofilms and Microbiomes</i> , 2017, 3, 14.	2.9	159
9	Molecular evidence for the aquarium origin of the green alga <i>Caulerpa taxifolia</i> introduced to the Mediterranean Sea. <i>Marine Ecology - Progress Series</i> , 1998, 172, 275-280.	0.9	133
10	The new phylogeny of the genus <i>Mycobacterium</i> : The old and the news. <i>Infection, Genetics and Evolution</i> , 2017, 56, 19-25.	1.0	128
11	Altered gut microbiota in Rett syndrome. <i>Microbiome</i> , 2016, 4, 41.	4.9	120
12	Coevolution between <i>Lamellodiscus</i> (Monogenea: Diplectanidae) and Sparidae (Teleostei): The Study Of a Complex Host-Parasite System. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 2459-2471.	1.1	116
13	Cryptic speciation among intestinal parasites (Trematoda: Digenea) infecting sympatric host fishes (Sparidae). <i>Journal of Evolutionary Biology</i> , 2000, 13, 778-785.	0.8	107
14	Identification of Dermatophyte Species by 28S Ribosomal DNA Sequencing with a Commercial Kit. <i>Journal of Clinical Microbiology</i> , 2003, 41, 826-830.	1.8	106
15	Multiplication of an ancestral gene encoding secreted fungalysin preceded species differentiation in the dermatophytes <i>Trichophyton</i> and <i>Microsporum</i> . <i>Microbiology (United Kingdom)</i> , 2004, 150, 301-310.	0.7	103
16	Secreted subtilisin gene family in <i>Trichophyton rubrum</i> . <i>Gene</i> , 2004, 339, 79-88.	1.0	98
17	Antibody-mediated immunity induced by engineered <i>Escherichia coli</i> OMVs carrying heterologous antigens in their lumen. <i>Journal of Extracellular Vesicles</i> , 2014, 3, .	5.5	97
18	Molecular identification of developmental stages in Opecoelidae (Digenea)1Note: Nucleotide sequence data reported in this paper have been deposited in the EMBL/GenBank, databases under accessions numbers AJ241790â€AJ 241817.1. <i>International Journal for Parasitology</i> , 1999, 29, 1853-1858.	1.3	89

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19	MetaMLST: multi-locus strain-level bacterial typing from metagenomic samples. <i>Nucleic Acids Research</i> , 2017, 45, e7-e7.	6.5	88
20	Evolution of <i>Stenotrophomonas maltophilia</i> in Cystic Fibrosis Lung over Chronic Infection: A Genomic and Phenotypic Population Study. <i>Frontiers in Microbiology</i> , 2017, 8, 1590.	1.5	85
21	Molecular analysis and mating behaviour of the <i>Trichophyton mentagrophytes</i> species complex. <i>International Journal of Medical Microbiology</i> , 2011, 301, 260-266.	1.5	78
22	Aminopeptidases and dipeptidyl-peptidases secreted by the dermatophyte <i>Trichophyton rubrum</i> . <i>Microbiology (United Kingdom)</i> , 2005, 151, 145-155.	0.7	74
23	The dermatophyte species <i>Arthroderma benhamiae</i> : intraspecies variability and mating behaviour. <i>Journal of Medical Microbiology</i> , 2013, 62, 377-385.	0.7	70
24	Uncovering oral <i>Neisseria</i> tropism and persistence using metagenomic sequencing. <i>Nature Microbiology</i> , 2016, 1, 16070.	5.9	68
25	Sedolisins, a New Class of Secreted Proteases from <i>Aspergillus fumigatus</i> with Endoprotease or Tripeptidyl-Peptidase Activity at Acidic pHs. <i>Applied and Environmental Microbiology</i> , 2006, 72, 1739-1748.	1.4	67
26	THE LIFE CYCLE OF <i>MONORCHIS PARVUS</i> (DIGENEA: MONORCHIIDAE) DEMONSTRATED BY DEVELOPMENTAL AND MOLECULAR DATA. <i>Journal of Parasitology</i> , 2000, 86, 479-489.	0.3	66
27	First Report of <i>Arthroderma benhamiae</i> in Switzerland. <i>Dermatology</i> , 2004, 208, 244-250.	0.9	66
28	Use of the ITS rDNA for elucidation of some life-cycles of Mesometridae (Trematoda, Digenea)1Note: Nucleotide sequence data reported in this paper are available in the EMBL, GenBank, and DDJB databases under the accession numbers Y17196–Y17205.1. <i>International Journal for Parasitology</i> , 1998, 28, 1403-1411.	1.3	58
29	Molecular Identification of <i>Fusarium</i> Species in Onychomycoses. <i>Dermatology</i> , 2005, 210, 21-25.	0.9	56
30	Comparison of ribosomal DNA sequences of <i>Lamellodiscus</i> spp. (Monogenea, Diplectanidae) parasitising <i>Pagellus</i> (Sparidae, Teleostei) in the North Mediterranean Sea: species divergence and coevolutionary interactions1Note: Nucleotide sequence data reported in this paper are available in the GenBank, EMBL and DDBJ databases under the accession numbers AJ276439-AJ276447 and AJ276879-AJ276881.1. <i>International Journal for Parasitology</i> , 2000, 30, 741-746.	1.3	47
31	<i>Trichophyton rubrum</i> secreted and membrane-associated carboxypeptidases. <i>International Journal of Medical Microbiology</i> , 2008, 298, 669-682.	1.5	46
32	Thermotolerance and heat shock response in the cold-stenothermal chironomid (NE Italy). <i>Cell Stress and Chaperones</i> , 2011, 16, 403-410.	1.2	43
33	Molecular typing and epidemiological investigation of clinical populations of <i>Pseudomonas aeruginosa</i> using an oligonucleotide-microarray. <i>BMC Microbiology</i> , 2012, 12, 152.	1.3	40
34	Genomic and metagenomic insights into the microbial community of a thermal spring. <i>Microbiome</i> , 2019, 7, 8.	4.9	40
35	Molecules, morphology and morphometrics of <i>Cainocreadium labracis</i> and <i>Cainocreadium dentecis</i> n. sp. (Digenea: Opecoelidae) parasitic in marine fishes. <i>International Journal for Parasitology</i> , 2001, 31, 706-714.	1.3	36
36	Genetic polymorphism in <i>Caulerpa taxifolia</i> (Ulvophyceae) chloroplast DNA revealed by a PCR-based assay of the invasive Mediterranean strain. <i>Journal of Evolutionary Biology</i> , 2002, 15, 618-624.	0.8	34

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37	Enhanced microbial diversity in the saliva microbiome induced by short-term probiotic intake revealed by 16S rRNA sequencing on the IonTorrent PGM platform. <i>Journal of Biotechnology</i> , 2014, 190, 30-39.	1.9	34
38	The life cycle of <i>Opecoeloides columbellae</i> (Pagenstecher, 1863) n. comb. (Digenea, Opecoelidae): evidence from molecules and morphology. <i>International Journal for Parasitology</i> , 2000, 30, 747-760.	1.3	33
39	Cold adaptive potential of chironomids overwintering in a glacial stream. <i>Physiological Entomology</i> , 2015, 40, 43-53.	0.6	32
40	The murine orthologue of the Golgi-localized TPTE protein provides clues to the evolutionary history of the human TPTE gene family. <i>Human Genetics</i> , 2001, 109, 569-575.	1.8	31
41	Characterization of 17 strains belonging to the <i>Mycobacterium simiae</i> complex and description of <i>Mycobacterium paraense</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 656-662.	0.8	31
42	Ethylene-Producing Bacteria That Ripen Fruit. <i>ACS Synthetic Biology</i> , 2014, 3, 935-938.	1.9	29
43	Persistence and Microevolution of <i>Pseudomonas aeruginosa</i> in the Cystic Fibrosis Lung: A Single-Patient Longitudinal Genomic Study. <i>Frontiers in Microbiology</i> , 2018, 9, 3242.	1.5	27
44	COEVOLUTION BETWEEN LAMELLODISCUS (MONOGENEA: DIPLECTANIDAE) AND SPARIDAE (TELEOSTEI): THE STUDY OF A COMPLEX HOST-PARASITE SYSTEM. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 2459.	1.1	26
45	Antimicrobial susceptibility and mechanism of resistance to fluoroquinolones in <i>Staphylococcus intermedius</i> and <i>Staphylococcus schleiferi</i> . <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2007, 30, 464-469.	0.6	26
46	Secretion of an Endogenous Subtilisin by <i>Pichia pastoris</i> Strains GS115 and KM71. <i>Applied and Environmental Microbiology</i> , 2010, 76, 4269-4276.	1.4	25
47	Genetic variability among cecariae of the shistomatidae (Trematoda: Digenea) causing swimmer's itch in Europe. <i>Parasite</i> , 2001, 8, 237-242.	0.8	24
48	Genotypic versus phenotypic identification of staphylococcal species of canine origin with special reference to <i>Staphylococcus schleiferi</i> subsp. <i>coagulans</i> . <i>Veterinary Microbiology</i> , 2007, 123, 238-244.	0.8	23
49	<i>Pseudomonas aeruginosa</i> mutants defective in glucose uptake have pleiotropic phenotype and altered virulence in non-mammal infection models. <i>Scientific Reports</i> , 2018, 8, 16912.	1.6	23
50	Differential expression of cysteine proteases in developmental stages of the parasitic ciliate <i>Ichthyophthirius multifiliis</i> . <i>FEMS Microbiology Letters</i> , 2007, 269, 77-84.	0.7	22
51	<i>Pseudomonas aeruginosa</i> in Dairy Goats: Genotypic and Phenotypic Comparison of Intramammary and Environmental Isolates. <i>PLoS ONE</i> , 2015, 10, e0142973.	1.1	22
52	Clinical populations of <i>Pseudomonas aeruginosa</i> isolated from acute infections show a wide virulence range partially correlated with population structure and virulence gene expression. <i>Microbiology (United Kingdom)</i> , 2012, 158, 2089-2098.	0.7	21
53	Comparison of quantitative PCR and flow cytometry as cellular viability methods to study bacterial membrane permeabilization following supercritical CO <sub>2</sub> treatment. <i>Microbiology (United Kingdom)</i> , 2013, 159, 1056-1066.	0.7	19
54	Supercritical CO <sub>2</sub> Induces Marked Changes in Membrane Phospholipids Composition in <i>Escherichia coli</i> K12. <i>Journal of Membrane Biology</i> , 2014, 247, 469-477.	1.0	19

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55	Species diversity among the genus <i>Monorchis</i> (Digenea: Monorchidae) parasitic in marine teleosts: molecular, morphological and morphometrical studies with a description of <i>Monorchis blennii</i> n. sp.. <i>Parasitology Research</i> , 2002, 88, 230-241.	0.6	18
56	Simultaneous Quantification of Multiple Bacteria by the BactoChip Microarray Designed to Target Species-Specific Marker Genes. <i>PLoS ONE</i> , 2013, 8, e55764.	1.1	18
57	<i>Aspergillus fumigatus</i> Secreted Proteases. , 0, , 87-106.		18
58	Accurate flow cytometric monitoring of <i>Escherichia coli</i> subpopulations on solid food treated with high pressure carbon dioxide. <i>Journal of Applied Microbiology</i> , 2014, 117, 440-450.	1.4	17
59	Insights into the genome structure of four acetogenic bacteria with specific reference to the Wood-Ljungdahl pathway. <i>MicrobiologyOpen</i> , 2019, 8, e938.	1.2	16
60	The life-cycle of three species of the Mesometridae (Digenea) with comments on the taxonomic status of this family. <i>Systematic Parasitology</i> , 1999, 44, 217-228.	0.5	15
61	Cold stenothermal cave-dwelling beetles do have an HSP70 heat shock response. <i>Journal of Thermal Biology</i> , 2011, 36, 206-208.	1.1	13
62	Secreted glutamic protease rescues aspartic protease Pep deficiency in <i>Aspergillus fumigatus</i> during growth in acidic protein medium. <i>Microbiology (United Kingdom)</i> , 2011, 157, 1541-1550.	0.7	13
63	Non-invasive detection and quantification of the parasitic ciliate <i>Ichthyophthirius multifiliis</i> by real-time PCR. <i>Diseases of Aquatic Organisms</i> , 2005, 65, 251-255.	0.5	12
64	Evolution of p53 Transactivation Specificity through the Lens of a Yeast-Based Functional Assay. <i>PLoS ONE</i> , 2015, 10, e0116177.	1.1	12
65	Application of culture-independent methods for monitoring <i>Listeria monocytogenes</i> inactivation on food products. <i>Process Biochemistry</i> , 2015, 50, 188-193.	1.8	12
66	<i>Mesorhizobium comanense</i> sp. nov., isolated from groundwater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	10
67	Molecular phylogeny of Mesometridae (Trematoda, Digenea) with its relation to morphological changes in parasites. <i>Parasite</i> , 1998, 5, 365-369.	0.8	9
68	Intestinal <i>Candida parapsilosis</i> isolates from Rett syndrome subjects bear potential virulent traits and capacity to persist within the host. <i>BMC Gastroenterology</i> , 2018, 18, 57.	0.8	9
69	AoS28D, a proline-Xaa carboxypeptidase secreted by <i>Aspergillus oryzae</i> . <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 4129-4137.	1.7	8
70	Mathematical modeling of bacterial virulence and host-pathogen interactions in the <i>Dictyostelium/Pseudomonas</i> system. <i>Journal of Theoretical Biology</i> , 2011, 270, 19-24.	0.8	7
71	Genome Sequence of <i>Pseudomonas aeruginosa</i> PA45, a Highly Virulent Strain Isolated from a Patient with Bloodstream Infection. <i>Genome Announcements</i> , 2013, 1, .	0.8	6
72	Studying translational control in non-model stressed organisms by polysomal profiling. <i>Journal of Insect Physiology</i> , 2015, 76, 30-35.	0.9	6

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73	The new phylogenesis of the genus Mycobacterium. International Journal of Mycobacteriology, 2015, 4, 77.	0.3	6
74	Conjugative type IVb pilus recognizes lipopolysaccharide of recipient cells to initiate PAPI-1 pathogenicity island transfer in Pseudomonas aeruginosa. BMC Microbiology, 2017, 17, 31.	1.3	6
75	Air and waterborne microbiome of a pharmaceutical plant provide insights on spatiotemporal variations and community resilience after disturbance. BMC Microbiology, 2018, 18, 124.	1.3	5
76	Draft Genome Sequences of 40 Pseudomonas aeruginosa Clinical Strains Isolated from the Sputum of a Single Cystic Fibrosis Patient Over an 8-Year Period. Genome Announcements, 2016, 4, .	0.8	2
77	316 A longitudinal investigation of genomic and phenotypic factors leading to adaptation of Pseudomonas aeruginosa in a cystic fibrosis patient. Journal of Cystic Fibrosis, 2015, 14, S139.	0.3	0
78	Simultaneous Quantification of Multiple Bacteria. , 2013, , 1-6.		0