

Davide Sassera

List of Publications by Year in descending order

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98
papers

2,960
citations

172443

29
h-index

214788

47
g-index

109
all docs

109
docs citations

109
times ranked

3423
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular identification of <i>Contraecum rudolphii</i> A and B (Nematoda: Anisakidae) from cormorants collected in a freshwater ecosystem of the pre-alpine area in Northern Italy. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2022, 27, 100674.	0.5	2
2	â€ˆ <i>Candidatus</i> Gromoviella agglomeransâ€™™, a novel intracellular <i>Holosporaceae</i> parasite of the ciliate <i>Paramecium</i> showing marked genome reduction. <i>Environmental Microbiology Reports</i> , 2022, 14, 34-49.	2.4	9
3	Isolation of a Colistin-Susceptible MDR <i>Pantoea calida</i> Harboring the <i>mcr-9</i> Gene Suggests the Silent Spread of the Resistance Factor. <i>Microbial Drug Resistance</i> , 2022, 28, 408-412.	2.0	2
4	Occurrence of <i>Eustrongylides excisus</i> (Nematoda: Dioctophymatidae) in European Perch (<i>Perca</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 <i>Parasitology</i> , 2022, 108, 209-216.	0.7	9
5	CodY Is a Global Transcriptional Regulator Required for Virulence in Group B <i>Streptococcus</i> . <i>Frontiers in Microbiology</i> , 2022, 13, 881549.	3.5	3
6	Genomic Characterization of an O101:H9-ST167 NDM-5-Producing <i>Escherichia coli</i> Strain from a Kitten in Italy. <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	1
7	Characterization of a novel <i>Pantoea</i> symbiont allows inference of a pattern of convergent genome reduction in bacteria associated with Pentatomidae. <i>Environmental Microbiology</i> , 2021, 23, 36-50.	3.8	12
8	First detection of <i>Amblyomma variegatum</i> and molecular finding of <i>Rickettsia africae</i> in Sardinia, Italy. <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101561.	2.7	13
9	Genome of <i>Superficieibacter maynardsmithii</i> , a novel, antibiotic susceptible representative of Enterobacteriaceae. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	3
10	Identification of a Novel <i>Brevibacillus laterosporus</i> Strain With Insecticidal Activity Against <i>Aedes albopictus</i> Larvae. <i>Frontiers in Microbiology</i> , 2021, 12, 624014.	3.5	12
11	Multi-country investigation of the diversity and associated microorganisms isolated from tick species from domestic animals, wildlife and vegetation in selected african countries. <i>Experimental and Applied Acarology</i> , 2021, 83, 427-448.	1.6	6
12	Epidemiological Characterization of <i>Listeria monocytogenes</i> Infections in Pavia Province in 2017 Reveals the Presence of Multiple Concurrently Circulating Strains. <i>Foodborne Pathogens and Disease</i> , 2021, 18, 267-275.	1.8	1
13	Sequence diversity and evolution of a group of iflaviruses associated with ticks. <i>Archives of Virology</i> , 2021, 166, 1843-1852.	2.1	6
14	Modeling the Life Cycle of the Intramitochondrial Bacterium â€ˆ <i>Candidatus</i> Midichloria mitochondriiâ€™ Using Electron Microscopy Data. <i>MBio</i> , 2021, 12, e0057421.	4.1	11
15	Investigation of Tick-Borne Pathogens in <i>Ixodes ricinus</i> in a Peri-Urban Park in Lombardy (Italy) Reveals the Presence of Emerging Pathogens. <i>Pathogens</i> , 2021, 10, 732.	2.8	9
16	Symbiont dynamics during the blood meal of <i>Ixodes ricinus</i> nymphs differ according to their sex. <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101707.	2.7	11
17	â€ˆ <i>Candidatus</i> Sarmatiella mevalonicaâ€™™ endosymbiont of the ciliate <i>Paramecium</i> provides insights on evolutionary plasticity among <i>Rickettsiales</i> . <i>Environmental Microbiology</i> , 2021, 23, 1684-1701.	3.8	20
18	Sequence of a <i>Coxiella</i> Endosymbiont of the Tick <i>Amblyomma nuttalli</i> Suggests a Pattern of Convergent Genome Reduction in the <i>Coxiella</i> Genus. <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	14

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19	Extensively drug-resistant <i>Proteus mirabilis</i> strain harbouring blaNDM-1, blaVEB-6 and blaTEM-92 genes isolated from urine in Italy. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 27, 289-291.	2.2	0
20	A dual endosymbiosis supports nutritional adaptation to hematophagy in the invasive tick <i>Hyalomma marginatum</i> . <i>ELife</i> , 2021, 10, .	6.0	32
21	<i>Rickettsia buchneri</i> , symbiont of the deer tick <i>Ixodes scapularis</i> , can colonise the salivary glands of its host. <i>Ticks and Tick-borne Diseases</i> , 2020, 11, 101299.	2.7	21
22	Morphology, ultrastructure, genomics, and phylogeny of <i>Euplotes vanleeuwenhoekii</i> sp. nov. and its ultra-reduced endosymbiont "Candidatus <i>Pinguicoccus supinus</i> " sp. nov.. <i>Scientific Reports</i> , 2020, 10, 20311.	3.3	37
23	When bacteria meet mitochondria: The strange case of the tick symbiont <i>Midichloria mitochondrii</i> . <i>Cellular Microbiology</i> , 2020, 22, e13189.	2.1	18
24	<i>Midichloria mitochondrii</i> , endosymbiont of <i>Ixodes ricinus</i> : evidence for the transmission to the vertebrate host during the tick blood meal. <i>Ticks and Tick-borne Diseases</i> , 2019, 10, 5-12.	2.7	23
25	Seropositivity to <i>Midichloria mitochondrii</i> (order Rickettsiales) as a marker to determine the exposure of humans to tick bite. <i>Pathogens and Global Health</i> , 2019, 113, 167-172.	2.3	6
26	Can Insertion Sequences Proliferation Influence Genomic Plasticity? Comparative Analysis of <i>Acinetobacter baumannii</i> Sequence Type 78, a Persistent Clone in Italian Hospitals. <i>Frontiers in Microbiology</i> , 2019, 10, 2080.	3.5	23
27	Gene Composition as a Potential Barrier to Large Recombinations in the Bacterial Pathogen <i>Klebsiella pneumoniae</i> . <i>Genome Biology and Evolution</i> , 2019, 11, 3240-3251.	2.5	18
28	Description of <i>Klebsiella spallanzanii</i> sp. nov. and of <i>Klebsiella pasteurii</i> sp. nov.. <i>Frontiers in Microbiology</i> , 2019, 10, 2360.	3.5	49
29	Tissue tropism and metabolic pathways of <i>Midichloria mitochondrii</i> suggest tissue-specific functions in the symbiosis with <i>Ixodes ricinus</i> . <i>Ticks and Tick-borne Diseases</i> , 2019, 10, 1070-1077.	2.7	44
30	Comparative Analysis of the Two <i>Acinetobacter baumannii</i> Multilocus Sequence Typing (MLST) Schemes. <i>Frontiers in Microbiology</i> , 2019, 10, 930.	3.5	133
31	<i>Deianiraea</i> , an extracellular bacterium associated with the ciliate <i>Paramecium</i> , suggests an alternative scenario for the evolution of Rickettsiales. <i>ISME Journal</i> , 2019, 13, 2280-2294.	9.8	67
32	SeqDeT: A Sequence Deconvolution Tool for Genome Separation of Endosymbionts From Mixed Sequencing Samples. <i>Frontiers in Genetics</i> , 2019, 10, 853.	2.3	0
33	Multiple <i>Klebsiella pneumoniae</i> KPC Clones Contribute to an Extended Hospital Outbreak. <i>Frontiers in Microbiology</i> , 2019, 10, 2767.	3.5	27
34	Multi-locus sequence typing of <i>Ixodes ricinus</i> and its symbiont <i>Candidatus Midichloria mitochondrii</i> across Europe reveals evidence of local co-cladogenesis in Scotland. <i>Ticks and Tick-borne Diseases</i> , 2019, 10, 52-62.	2.7	22
35	Patterns of <i>Midichloria</i> infection in avian-borne African ticks and their trans-Saharan migratory hosts. <i>Parasites and Vectors</i> , 2018, 11, 106.	2.5	18
36	The Genome Sequence of "Candidatus <i>Fokinia solitaria</i> " Insights on Reductive Evolution in Rickettsiales. <i>Genome Biology and Evolution</i> , 2018, 10, 1120-1126.	2.5	40

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37	Characterization of an Outbreak of Extended-Spectrum β -Lactamase-Producing <i>Klebsiella pneumoniae</i> in a Neonatal Intensive Care Unit in Italy. <i>Microbial Drug Resistance</i> , 2018, 24, 1128-1136.	2.0	13
38	The Genomes of Four <i>Meyerozyma caribbica</i> Isolates and Novel Insights into the <i>Meyerozyma guilliermondii</i> Species Complex. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 755-759.	1.8	20
39	Molecular and Serological Evidence of the Presence of <i>Mitochondria</i> in Roe Deer (<i>Capreolus capreolus</i>) in France. <i>Journal of Wildlife Diseases</i> , 2018, 54, 597-600.	0.8	13
40	Arthropods and associated pathogens from native and introduced rodents in Northeastern Italy. <i>Parasitology Research</i> , 2018, 117, 3237-3243.	1.6	15
41	Molecular screening for bacterial pathogens in ticks (<i>Ixodes ricinus</i>) collected on migratory birds captured in northern Italy. <i>Folia Parasitologica</i> , 2018, 65, .	1.3	20
42	Transcriptome of larvae representing the <i>Rhipicephalus sanguineus</i> complex. <i>Molecular and Cellular Probes</i> , 2017, 31, 85-90.	2.1	10
43	Do the complementarities of electrokinetic and chromatographic procedures represent the "Swiss knife" in proteomic investigation? An overview of the literature in the past decade. <i>Electrophoresis</i> , 2017, 38, 1538-1550.	2.4	12
44	The choreography of the chemical defensive response to insecticide stress: insights into the <i>Anopheles stephensi</i> transcriptome using RNA-Seq. <i>Scientific Reports</i> , 2017, 7, 41312.	3.3	39
45	Usutu Virus Antibodies in Blood Donors and Healthy Forestry Workers in the Lombardy Region, Northern Italy. <i>Vector-Borne and Zoonotic Diseases</i> , 2017, 17, 658-661.	1.5	35
46	Baseline and Breakthrough Resistance Mutations in HCV Patients Failing DAAs. <i>Scientific Reports</i> , 2017, 7, 16017.	3.3	26
47	A Novel <i>IncA/C1</i> Group Conjugative Plasmid, Encoding <i>VIM-1</i> Metallo-Beta-Lactamase, Mediates the Acquisition of Carbapenem Resistance in ST104 <i>Klebsiella pneumoniae</i> Isolates from Neonates in the Intensive Care Unit of V. Monaldi Hospital in Naples. <i>Frontiers in Microbiology</i> , 2017, 8, 2135.	3.5	25
48	Molecular screening for <i>Mitochondria</i> in hard and soft ticks reveals variable prevalence levels and bacterial loads in different tick species. <i>Ticks and Tick-borne Diseases</i> , 2016, 7, 1186-1192.	2.7	33
49	Molecular evidence for a bacterium of the family <i>Mitochondriaceae</i> (order <i>Rickettsiales</i>) in skin and organs of the rainbow trout <i>Oncorhynchus mykiss</i> (Walbaum) affected by red mark syndrome. <i>Journal of Fish Diseases</i> , 2016, 39, 497-501.	1.9	27
50	Biodiversity of "Non-model" <i>Rickettsiales</i> and Their Association with Aquatic Organisms. , 2016, , 59-91.		31
51	Supergroup C <i>Wolbachia</i> , mutualist symbionts of filarial nematodes, have a distinct genome structure. <i>Open Biology</i> , 2015, 5, 150099.	3.6	38
52	Draft Genome Sequence of <i>Clostridium tyrobutyricum</i> Strain DIVETGP, Isolated from Cow's Milk for Grana Padano Production. <i>Genome Announcements</i> , 2015, 3, .	0.8	5
53	Bacterial genomic epidemiology, from local outbreak characterization to species-history reconstruction. <i>Pathogens and Global Health</i> , 2015, 109, 319-327.	2.3	8
54	Antibiotic treatment of the hard tick <i>Ixodes ricinus</i> : Influence on <i>Mitochondria</i> load following blood meal. <i>Ticks and Tick-borne Diseases</i> , 2015, 6, 653-657.	2.7	18

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55	Tracking Nosocomial <i>Klebsiella pneumoniae</i> Infections and Outbreaks by Whole-Genome Analysis: Small-Scale Italian Scenario within a Single Hospital. <i>Journal of Clinical Microbiology</i> , 2015, 53, 2861-2868.	3.9	71
56	Differential Single Nucleotide Polymorphism-Based Analysis of an Outbreak Caused by <i>Salmonella enterica</i> Serovar Manhattan Reveals Epidemiological Details Missed by Standard Pulsed-Field Gel Electrophoresis. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1227-1238.	3.9	19
57	Potential role of <i>ATP</i> -binding cassette transporters against acaricides in the brown dog tick <i>Rhipicephalus sanguineus sensu lato</i> . <i>Medical and Veterinary Entomology</i> , 2015, 29, 88-93.	1.5	16
58	Genomic Epidemiology of <i>Klebsiella pneumoniae</i> in Italy and Novel Insights into the Origin and Global Evolution of Its Resistance to Carbapenem Antibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 389-396.	3.2	97
59	<i>Ixodes ricinus</i> and Its Endosymbiont <i>Midichloria mitochondrii</i> : A Comparative Proteomic Analysis of Salivary Glands and Ovaries. <i>PLoS ONE</i> , 2015, 10, e0138842.	2.5	27
60	Evolution of Mitochondria Reconstructed from the Energy Metabolism of Living Bacteria. <i>PLoS ONE</i> , 2014, 9, e96566.	2.5	52
61	Profiling of Amatoxins and Phallotoxins in the Genus <i>Lepiota</i> by Liquid Chromatography Combined with UV Absorbance and Mass Spectrometry. <i>Toxins</i> , 2014, 6, 2336-2347.	3.4	58
62	Presence of <i>Wolbachia</i> in Three Hymenopteran Species: <i>Diprion pini</i> (Hymenoptera: Diprionidae), <i>Neodiprion sertifer</i> (Hymenoptera: Diprionidae), and <i>Dahlbominus fuscipennis</i> (Hymenoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 457	1.0	1
63	Comparative genomics of closely related strains of <i>Klebsiella pneumoniae</i> reveals genes possibly involved in colistin resistance. <i>Annals of Microbiology</i> , 2014, 64, 887-890.	2.6	6
64	ABC transporters are involved in defense against permethrin insecticide in the malaria vector <i>Anopheles stephensi</i> . <i>Parasites and Vectors</i> , 2014, 7, 349.	2.5	58
65	Late-onset neonatal group B streptococcal disease associated with breast milk transmission: molecular typing using RAPD-PCR. <i>Early Human Development</i> , 2014, 90, S84-S86.	1.8	15
66	Temporal dynamics of the ABC transporter response to insecticide treatment: insights from the malaria vector <i>Anopheles stephensi</i> . <i>Scientific Reports</i> , 2014, 4, 7435.	3.3	35
67	Antibacterial activity and cytotoxic effect of SIAB-GV3. <i>New Microbiologica</i> , 2014, 37, 535-41.	0.1	5
68	Localization of the bacterial symbiont <i>Candidatus Midichloria mitochondrii</i> within the hard tick <i>Ixodes ricinus</i> by whole-mount FISH staining. <i>Ticks and Tick-borne Diseases</i> , 2013, 4, 39-45.	2.7	40
69	Molecular and serological evidence for the circulation of the tick symbiont <i>Midichloria</i> (Rickettsiales: Midichloriaceae) in different mammalian species. <i>Parasites and Vectors</i> , 2013, 6, 350.	2.5	53
70	The integration of multiple independent data reveals an unusual response to <i>P</i> -leptocene climatic changes in the hard tick <i>Ixodes ricinus</i> . <i>Molecular Ecology</i> , 2013, 22, 1666-1682.	3.9	25
71	Cat-scratch disease in Northern Italy: atypical clinical manifestations in humans and prevalence of <i>Bartonella</i> infection in cats. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2013, 32, 531-534.	2.9	16
72	Draft Genome of <i>Klebsiella pneumoniae</i> Sequence Type 512, a Multidrug-Resistant Strain Isolated during a Recent KPC Outbreak in Italy. <i>Genome Announcements</i> , 2013, 1, .	0.8	4

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73	Draft Genome Sequence of <i>Stenotrophomonas maltophilia</i> Strain EPM1, Found in Association with a Culture of the Human Parasite <i>Giardia duodenalis</i> . <i>Genome Announcements</i> , 2013, 1, e0018213.	0.8	8
74	Draft Genome Sequence of <i>Salmonella enterica</i> subsp. <i>enterica</i> Serovar Manhattan Strain 111113, from an Outbreak of Human Infections in Northern Italy. <i>Genome Announcements</i> , 2013, 1, .	0.8	2
75	Draft Genome Sequences of Two Multidrug Resistant <i>Klebsiella pneumoniae</i> ST258 Isolates Resistant to Colistin. <i>Genome Announcements</i> , 2013, 1, .	0.8	6
76	Development of a Broad-Range 23S rDNA Real-Time PCR Assay for the Detection and Quantification of Pathogenic Bacteria in Human Whole Blood and Plasma Specimens. <i>BioMed Research International</i> , 2013, 2013, 1-8.	1.9	23
77	Microbial symbiosis and the control of vector-borne pathogens in tsetse flies, human lice, and triatomine bugs. <i>Pathogens and Global Health</i> , 2013, 107, 285-292.	2.3	36
78	Phylogenomics and Analysis of Shared Genes Suggest a Single Transition to Mutualism in <i>Wolbachia</i> of Nematodes. <i>Genome Biology and Evolution</i> , 2013, 5, 1668-1674.	2.5	49
79	â€œCandidatus <i>Midichloriaceae</i> fam. nov. (Rickettsiales), an Ecologically Widespread Clade of Intracellular Alphaproteobacteria. <i>Applied and Environmental Microbiology</i> , 2013, 79, 3241-3248.	3.1	99
80	<i>Wolbachia</i> and Its Implications for the Immunopathology of Filariasis. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2012, 12, 53-56.	1.2	24
81	Humans parasitized by the hard tick <i>Ixodes ricinus</i> are seropositive to <i>Midichloria mitochondrii</i> : is <i>Midichloria</i> a novel pathogen, or just a marker of tick bite?. <i>Pathogens and Global Health</i> , 2012, 106, 391-396.	2.3	67
82	A study on the presence of flagella in the order Rickettsiales: the case of â€œCandidatus <i>Midichloria mitochondrii</i> ™. <i>Microbiology (United Kingdom)</i> , 2012, 158, 1677-1683.	1.8	29
83	<i>Mycobacterium avium</i> paratuberculosis in Italy: Commensal or emerging human pathogen?. <i>Digestive and Liver Disease</i> , 2012, 44, 461-465.	0.9	6
84	Integrative taxonomy at work: DNA barcoding of taeniids harboured by wild and domestic cats. <i>Molecular Ecology Resources</i> , 2012, 12, 403-413.	4.8	30
85	Spatial and temporal reconstruction of bovine viral diarrhoea virus genotype 1 dispersion in Italy. <i>Infection, Genetics and Evolution</i> , 2012, 12, 324-331.	2.3	27
86	Tick-Box for 3â€²-End Formation of Mitochondrial Transcripts in Ixodida, Basal Chelicerates and <i>Drosophila</i> . <i>PLoS ONE</i> , 2012, 7, e47538.	2.5	45
87	Prevalence of <i>Theileria equi</i> and <i>Babesia caballi</i> Infection in Horses from Northern Italy. <i>Vector-Borne and Zoonotic Diseases</i> , 2011, 11, 955-956.	1.5	47
88	Phylogenomic Evidence for the Presence of a Flagellum and <i>cbb3</i> Oxidase in the Free-Living Mitochondrial Ancestor. <i>Molecular Biology and Evolution</i> , 2011, 28, 3285-3296.	8.9	124
89	A novel method for the isolation of DNA from intracellular bacteria, suitable for genomic studies. <i>Annals of Microbiology</i> , 2010, 60, 455-460.	2.6	3
90	Evaluation of the protective effect of bovine lactoferrin against lipopolysaccharides in a bovine mammary epithelial cell line. <i>Veterinary Research Communications</i> , 2010, 34, 267-276.	1.6	11

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91	Molecular detection of poisonous mushrooms in different matrices. <i>Mycologia</i> , 2010, 102, 747-754.	1.9	25
92	Lyme Borreliosis, Po River Valley, Italy. <i>Emerging Infectious Diseases</i> , 2010, 16, 1289-1291.	4.3	21
93	Bacteriocyte-like cells harbour <i>Wolbachia</i> in the ovary of <i>Drosophila melanogaster</i> (Insecta, Diptera) and <i>Zyginidia pullula</i> (Insecta, Hemiptera). <i>Tissue and Cell</i> , 2010, 42, 328-333.	2.2	29
94	Avian mycobacteriosis in companion birds: 20-year survey. <i>Veterinary Microbiology</i> , 2009, 133, 323-327.	1.9	48
95	“ <i>Candidatus</i> <i>Midichloria</i> ” Endosymbionts Bloom after the Blood Meal of the Host, the Hard Tick <i>Ixodes ricinus</i> . <i>Applied and Environmental Microbiology</i> , 2008, 74, 6138-6140.	3.1	67
96	<i>Midichloria mitochondrii</i> is widespread in hard ticks (Ixodidae) and resides in the mitochondria of phylogenetically diverse species. <i>Parasitology</i> , 2008, 135, 485-494.	1.5	106
97	Widespread distribution and high prevalence of an alpha-proteobacterial symbiont in the tick <i>Ixodes ricinus</i> . <i>Environmental Microbiology</i> , 2006, 8, 1280-1287.	3.8	91
98	“ <i>Candidatus</i> <i>Midichloria mitochondrii</i> ”™, an endosymbiont of the tick <i>Ixodes ricinus</i> with a unique intramitochondrial lifestyle. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 2535-2540.	1.7	185