# Javier DiÃ©guez-Uribeondo

List of Publications by Year
in descending order



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|---|---|---|---|
| 106 papers | 7,798 citations | 109321 35 h-index | 54911 84 g-index |
| 109 all docs | 109 docs citations | 109 times ranked | 9087 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The invasive alien red-eared slider turtle, Trachemys scripta, as a carrier of STEF-disease pathogens. Fungal Biology, 2022, 126, 113-121. | 2.5 | 5 |
| 2 | Resistance to Crayfish Plague: Assessing the Response of Native Iberian Populations of the White-Clawed Freshwater Crayfish. Journal of Fungi (Basel, Switzerland), 2022, 8, 342. | 3.5 | 5 |
| 3 | Fungal signatures of oral disease reflect environmental degradation in a facultative avian scavenger. Science of the Total Environment, 2022, 837, 155397. | 8.0 | 3 |
| 4 | Phylogenomic Analysis of a 55.1-kb 19-Gene Dataset Resolves a MonophyleticFusariumthat Includes theFusarium solaniSpecies Complex. Phytopathology, 2021, 111, 1064-1079. | 2.2 | 107 |
| 5 | Coexistence of Two Invasive Species, Procambarus clarkii and Aphanomyces astaci, in Brackish Waters of a Mediterranean Coastal Lagoon. Frontiers in Ecology and Evolution, 2021, 8, . | 2.2 | 7 |
| 6 | Aphanomyces astaci mtDNA: insights into the pathogenâ€™s differentiation and its genetic diversity from other closely related oomycetes. Fungal Biology, 2021, 125, 316-325. | 2.5 | 10 |
| 7 | Eroded Swimmeret Syndrome: Update of the Current Knowledge. Freshwater Crayfish, 2021, 26, 63-68. | 0.5 | 1 |
| 8 | Tracing the origin of the crayfish plague pathogen, Aphanomyces astaci, to the Southeastern United States. Scientific Reports, 2021, 11, 9332. | 3.3 | 28 |
| 9 | First Detection of the Crayfish Plague Pathogen Aphanomyces astaci in Costa Rica: European Mistakes Should Not Be Repeated. Frontiers in Ecology and Evolution, 2021, 9, . | 2.2 | 8 |
| 10 | Effects of egg mass and local climate on morphology of East Pacific leatherback turtle Dermochelys coriacea hatchlings in Costa Rica. Marine Ecology - Progress Series, 2021, 669, 191-200. | 1.9 | 3 |
| 11 | Evaluation of Potential Transfer of the Pathogen Saprolegnia parasitica between Farmed Salmonids and Wild Fish. Pathogens, 2021, 10, 926. | 2.8 | 7 |
| 12 | Money Kills Native Ecosystems: European Crayfish as an Example. Frontiers in Ecology and Evolution, 2021, 9, . | 2.2 | 32 |
| 13 | Controlled Infection Experiment With Aphanomyces astaci Provides Additional Evidence for Latent Infections and Resistance in Freshwater Crayfish. Frontiers in Ecology and Evolution, 2021, 9, . | 2.2 | 10 |
| 14 | Unraveling the Hidden Diversity of the Native White Claw Crayfish in the Iberian Peninsula. Frontiers in Ecology and Evolution, 2021, 9, . | 2.2 | 2 |
| 15 | Beyond Sea Turtles: Fusarium keratoplasticum in Eggshells of Podocnemis unifilis, a Threatened Amazonian Freshwater Turtle. Journal of Fungi (Basel, Switzerland), 2021, 7, 742. | 3.5 | 9 |
| 16 | Editorial: Conservation of European Freshwater Crayfish. Frontiers in Ecology and Evolution, 2021, 9, . | 2.2 | 3 |
| 17 | Non-destructive method for detecting Aphanomyces astaci, the causative agent of crayfish plague, on the individual level. Journal of Invertebrate Pathology, 2020, 169, 107274. | 3.2 | 18 |
| 18 | Narrow-clawed crayfish in Finland: Aphanomyces astaci resistance and genetic relationship to other selected European and Asian populations. Knowledge and Management of Aquatic Ecosystems, 2020, , 30. | 1.1 | 9 |

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|---|---|---|---|
| 19 | Mapping 15 years of crayfish plague in the Iberian Peninsula: The impact of two invasive species on the endangered native crayfish. PLoS ONE, 2019, 14, e0219223. | 2.5 | 30 |
| 20 | The signal crayfish (Pacifastacus leniusculus) in Lake Tahoe (USA) hosts multiple Aphanomyces species. Journal of Invertebrate Pathology, 2019, 166, 107218. | 3.2 | 13 |
| 21 | Unraveling the ecology and epidemiology of an emerging fungal disease, sea turtle egg fusariosis (STEF). PLoS Pathogens, 2019, 15, e1007682. | 4.7 | 28 |
| 22 | Invasive rusty crayfish (Faxonius rusticus) populations in North America are infected with the crayfish plague disease agent (Aphanomyces astaci). Freshwater Science, 2019, 38, 425-433. | 1.8 | 11 |
| 23 | MtDNA allows the sensitive detection and haplotyping of the crayfish plague disease agentAphanomyces astacishowing clues about its origin and migration. Parasitology, 2018, 145, 1210-1218. | 1.5 | 39 |
| 24 | Observations of crayfish plague infections in commercially important narrow-clawed crayfish populations in Turkey. Knowledge and Management of Aquatic Ecosystems, 2018, , 10. | 1.1 | 14 |
| 25 | Hidden sites in the distribution of the crayfish plague pathogen Aphanomyces astaci in Eastern Europe: Relicts of genetic groups from older outbreaks?. Journal of Invertebrate Pathology, 2018, 157, 117-124. | 3.2 | 22 |
| 26 | Crayfish plague in Japan: A real threat to the endemic Cambaroides japonicus. PLoS ONE, 2018, 13, e0195353. | 2.5 | 39 |
| 27 | Cell entry of a host-targeting protein of oomycetes requires gp96. Nature Communications, 2018, 9, 2347. | 12.8 | 28 |
| 28 | Growth, Survival and Spore Formation of the Pathogenic Aquatic Oomycete Aphanomyces astaci and Fungus Fusarium avenaceum Are Inhibited by Zanthoxylum rhoifolium Bark Extracts In Vitro. Fishes, 2018, 3, 12. | 1.7 | 7 |
| 29 | A new kid in town: First case of an alien worm, Xironogiton victoriensis (Annelida: Clitellata) on a native European freshwater crayfish. Aquaculture, 2018, 496, 39-42. | 3.5 | 1 |
| 30 | Specialized attachment structure of the fish pathogenic oomycete Saprolegnia parasitica. PLoS ONE, 2018, 13, e0190361. | 2.5 | 14 |
| 31 | Isolation of fungal pathogens from eggs of the endangered sea turtle species Chelonia mydas in Ascension Island. Journal of the Marine Biological Association of the United Kingdom, 2017, 97, 661-667. | 0.8 | 23 |
| 32 | Aphanomyces astaci isolate from latently infected stone crayfish (Austropotamobius torrentium) population is virulent. Journal of Invertebrate Pathology, 2017, 149, 15-20. | 3.2 | 21 |
| 33 | Scanning Electron Microscopy (SEM) Protocols for Problematic Plant, Oomycete, and Fungal Samples. Journal of Visualized Experiments, 2017, , . | 0.3 | 7 |
| 34 | Resistance to the crayfish plague, Aphanomyces astaci (Oomycota) in the endangered freshwater crayfish species, Austropotamobius pallipes. PLoS ONE, 2017, 12, e0181226. | 2.5 | 34 |
| 35 | Investigation of ornamental crayfish reveals new carrier species of the crayfish plague pathogen (Aphanomyces astaci). Aquatic Invasions, 2017, 12, 77-83. | 1.6 | 10 |
| 36 | Mitochondrial genomes and comparative genomics of Aphanomyces astaci and Aphanomyces invadans. Scientific Reports, 2016, 6, 36089. | 3.3 | 18 |

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|---|---|---|---|
| 37 | First detection of the crayfish plague pathogen Aphanomyces astaci in South America: a high potential risk to native crayfish. Hydrobiologia, 2016, 781, 181-190. | 2.0 | 30 |
| 38 | Saprolegnia milanezii sp. nov., a new species of Saprolegniales (Oomycota, Straminipila) from Brazil. Phytotaxa, 2016, 270, 286. | 0.3 | 4 |
| 39 | Rainbow trout (Oncorhynchus mykiss) threaten Andean amphibians. Neotropical Biodiversity, 2016, 2, 26-36. | 0.5 | 31 |
| 40 | Aspergillus sydowii and Other Potential Fungal Pathogens in Gorgonian Octocorals of the Ecuadorian Pacific. PLoS ONE, 2016, 11, e0165992. | 2.5 | 41 |
| 41 | Potential effects of dune scarps caused by beach erosion on the nesting behavior of leatherback turtles. Marine Ecology - Progress Series, 2016, 551, 239-248. | 1.9 | 12 |
| 42 | Chaos and Adaptation in the Pathogen-Host Relationship in Relation to the Conservation: The Case of the Crayfish Plague and the Noble Crayfish. , 2015, , 246-274. | | 14 |
| 43 | Eroded swimmeret syndrome in female crayfish Pacifastacus leniusculus associated with Aphanomyces astaci and Fusarium spp. infections. Diseases of Aquatic Organisms, 2015, 112, 219-228. | 1.0 | 29 |
| 44 | 8. Invasive Crayfish and Their Invasive Diseases in Europe with the Focus on the Virulence Evolution of the Crayfish Plague. , 2015, , 183-211. | | 30 |
| 45 | A Comprehensive Protocol for Improving the Description of Saprolegniales (Oomycota): Two Practical Examples (Saprolegnia aenigmatica sp. nov. and Saprolegnia racemosa sp. nov.). PLoS ONE, 2015, 10, e0132999. | 2.5 | 29 |
| 46 | Structural damage caused by the invasive crayfish Procambarus clarkii (Girard, 1852) in rice fields of the Iberian Peninsula: a study case. Fundamental and Applied Limnology, 2015, 186, 259-269. | 0.7 | 23 |
| 47 | Leatherback hatchling sea-finding in response to artificial lighting: Interaction between wavelength and moonlight. Journal of Experimental Marine Biology and Ecology, 2015, 463, 143-149. | 1.5 | 24 |
| 48 | Global Distribution of Two Fungal Pathogens Threatening Endangered Sea Turtles. PLoS ONE, 2014, 9, e85853. | 2.5 | 78 |
| 49 | Unravelling the Microbiome of Eggs of the Endangered Sea Turtle Eretmochelys imbricata Identifies Bacteria with Activity against the Emerging Pathogen Fusarium falciforme. PLoS ONE, 2014, 9, e95206. | 2.5 | 51 |
| 50 | Dose-dependent mortality of the noble crayfish (Astacus astacus) to different strains of the crayfish plague (Aphanomyces astaci). Journal of Invertebrate Pathology, 2014, 115, 86-91. | 3.2 | 45 |
| 51 | Molecular identification of a bronopol tolerant strain of Saprolegnia australis causing egg and fry mortality in farmed brown trout, Salmo trutta. Fungal Biology, 2014, 118, 591-600. | 2.5 | 29 |
| 52 | Variation in Resistance to the Invasive Crayfish Plague and Immune Defence in the Native Noble Crayfish. Annales Zoologici Fennici, 2014, 51, 371-389. | 0.6 | 15 |
| 53 | Reprint of: The diversity of oomycetes on crayfish: Morphological vs. molecular identification of cultures obtained while isolating the crayfish plague pathogen. Fungal Biology, 2014, 118, 601-611. | 2.5 | 1 |
| 54 | Resistance to the crayfish plague pathogen, Aphanomyces astaci, in two freshwater shrimps. Journal of Invertebrate Pathology, 2014, 121, 97-104. | 3.2 | 23 |

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| 55 | Deciphering microbial landscapes of fish eggs to mitigate emerging diseases. ISME Journal, 2014, 8, 2002-2014. | 9.8 | 64 |
| 56 | Saprolegnia species affecting the salmonid aquaculture in Chile and their associations with fish developmental stage. Aquaculture, 2014, 434, 462-469. | 3.5 | 29 |
| 57 | Microsatellite markers for direct genotyping of the crayfish plague pathogen Aphanomyces astaci (Oomycetes) from infected host tissues. Veterinary Microbiology, 2014, 170, 317-324. | 1.9 | 52 |
| 58 | Species identification in the genus Saprolegnia (Oomycetes): Defining DNA-based molecular operational taxonomic units. Fungal Biology, 2014, 118, 559-578. | 2.5 | 64 |
| 59 | AFLP-PCR and RAPD-PCR evidences of the transmission of the pathogen Aphanomyces astaci (Oomycetes) to wild populations of European crayfish from the invasive crayfish species, Procambarus clarkii. Fungal Biology, 2014, 118, 612-620. | 2.5 | 37 |
| 60 | Numerous population crashes of wild signal crayfish (Pacifastacus leniusculus) in southern Finland. Freshwater Crayfish, 2014, 20, 73-79. | 0.5 | 14 |
| 61 | The impact of the water moulds Saprolegnia diclina and Saprolegnia parasitica on natural ecosystems and the aquaculture industry. Fungal Biology Reviews, 2013, 27, 33-42. | 4.7 | 121 |
| 62 | The diversity of oomycetes on crayfish: Morphological vs. molecular identification of cultures obtained while isolating the crayfish plague pathogen. Fungal Biology, 2013, 117, 682-691. | 2.5 | 23 |
| 63 | Early breeding protects anuran eggs fromSaprolegniainfection. Austral Ecology, 2013, 38, 672-679. | 1.5 | 12 |
| 64 | Distinctive Expansion of Potential Virulence Genes in the Genome of the Oomycete Fish Pathogen Saprolegnia parasitica. PLoS Genetics, 2013, 9, e1003272. | 3.5 | 221 |
| 65 | Analyses of Extracellular Carbohydrates in Oomycetes Unveil the Existence of Three Different Cell Wall Types. Eukaryotic Cell, 2013, 12, 194-203. | 3.4 | 122 |
| 66 | Temporal dynamics of spore release of the crayfish plague pathogen from its natural host, American spiny-cheek crayfish (Orconectes limosus), evaluated by transmission experiments. Parasitology, 2013, 140, 792-801. | 1.5 | 29 |
| 67 | Aphanomyces frigidophilus, fungus-like organisms isolated from water of springs in BiaÅ‚ystok, Poland. African Journal of Biotechnology, 2013, 12, 6310-6314. | 0.6 | 2 |
| 68 | Water molds Saprolegnia diclina (FLO) isolated from eggs of Carassius carassius L. in BiaÅ‚ystok Rivers, Poland. African Journal of Microbiology Research, 2013, 7, 5406-5410. | 0.4 | 1 |
| 69 | Monitoring the spore dynamics of Aphanomyces astaci in the ambient water of latent carrier crayfish. Veterinary Microbiology, 2012, 160, 99-107. | 1.9 | 50 |
| 70 | Nuclear ribosomal internal transcribed spacer (ITS) region as a universal DNA barcode marker for Fungi. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6241-6246. | 7.1 | 4,012 |
| 71 | The diversity of the pathogenic Oomycete (Aphanomyces astaci) chitinase genes within the genotypes indicate adaptation to its hosts. Fungal Genetics and Biology, 2012, 49, 635-642. | 2.1 | 42 |
| 72 | How do hatcheries influence embryonic development of sea turtle eggs? Experimental analysis and isolation of microorganisms in leatherback turtle eggs. Journal of Experimental Zoology, 2012, 317A, 47-54. | 1.2 | 23 |

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|---|---|---|---|
| 73 | Genetic variation in the ribosomal internal transcribed spacers of Aphanomyces astaci Schikora from Finland. Aquaculture, 2011, 311, 48-53. | 3.5 | 14 |
| 74 | Peracetic acid (PAA) treatment is an effective disinfectant against crayfish plague (Aphanomyces) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 3.5 | 57 |
| 75 | Effect of Wetness Duration and Temperature on the Development of Anthracnose on Selected Almond Tissues and Comparison of Cultivar Susceptibility. Phytopathology, 2011, 101, 1013-1020. | 2.2 | 20 |
| 76 | The North American crayfish Procambarus clarkii is the carrier of the oomycete Aphanomyces astaci in Italy. Biological Invasions, 2011, 13, 359-367. | 2.4 | 51 |
| 77 | Differences in susceptibility to Saprolegnia infections among embryonic stages of two anuran species. Oecologia, 2011, 165, 819-826. | 2.0 | 26 |
| 78 | Managing invasive crayfish: is there a hope?. Aquatic Sciences, 2011, 73, 185-200. | 1.5 | 215 |
| 79 | Fusarium solaniâ€ƒis responsible for mass mortalities in nests of loggerhead sea turtle, Caretta caretta, in Boavista, Cape Verde. FEMS Microbiology Letters, 2010, 312, 192-200. | 1.8 | 97 |
| 80 | Infraorder Astacidea Latreille, 1802 p.p.: the freshwater crayfish. , 2010, , 269-423. | | 11 |
| 81 | Current techniques, approaches and knowledge in diagnosis of crayfish plague and other crayfish diseases. Knowledge and Management of Aquatic Ecosystems, 2009, , 02. | 1.1 | 10 |
| 82 | Phylogenetic relationships among plant and animal parasites, and saprotrophs in Aphanomyces (Oomycetes). Fungal Genetics and Biology, 2009, 46, 365-376. | 2.1 | 120 |
| 83 | Prevalence of the Crayfish Plague Pathogen Aphanomyces astaci in Invasive American Crayfishes in the Czech Republic. Conservation Biology, 2009, 23, 1204-1213. | 4.7 | 75 |
| 84 | Low genetic variability of the white-clawed crayfish in the Iberian Peninsula: its origin and management implications. Aquatic Conservation: Marine and Freshwater Ecosystems, 2008, 18, 19-31. | 2.0 | 27 |
| 85 | Saprolegnia diclina: another species responsible for the emergent disease Ã¢Â€Ã˜SaprolegniainfectionsÃ¢Â€Â™ in amphibians. FEMS Microbiology Letters, 2008, 279, 23-29. | 1.8 | 58 |
| 86 | The old menace is back: Recent crayfish plague outbreaks in the Czech Republic. Aquaculture, 2008, 274, 208-217. | 3.5 | 60 |
| 87 | Visualization of Localized Pathogen-Induced pH Modulation in Almond Tissues Infected by Colletotrichum acutatum Using Confocal Scanning Laser Microscopy. Phytopathology, 2008, 98, 1171-1178. | 2.2 | 24 |
| 88 | LACK OF SPECIFICITY OF THE MOLECULAR DIAGNOSTIC METHOD FOR IDENTIFICATION OF APHANOMYCES ASTACI. Knowledge and Management of Aquatic Ecosystems: an International Journal on Aquatic Ecosystems, 2007, , 17-24. | 0.4 | 9 |
| 89 | Re-evaluation of the enigmatic species complex Saprolegnia diclinaâ€“Saprolegnia parasitica based on morphological, physiological and molecular data. Fungal Genetics and Biology, 2007, 44, 585-601. | 2.1 | 93 |
| 90 | THE DISPERSION OF THE APHANOMYCES ASTACI-CARRIER PACIFASTACUS LENIUSCULUS BY HUMANS REPRESENTS THE MAIN CAUSE OF DISAPPEARANCE OF THE INDIGENOUS CRAYFISH AUSTROPOTAMOBIUS PALLIPES IN NAVARRA. Knowledge and Management of Aquatic Ecosystems: an International Journal on Aquatic Ecosystems, 2006, , 1303-1312. | 0.4 | 42 |

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|---|---|---|---|
| 91 | Subcuticular-Intracellular Hemibiotrophic and Intercellular Necrotrophic Development of Colletotrichum acutatum on Almond. Phytopathology, 2005, 95, 751-758. | 2.2 | 33 |
| 92 | Title is missing!. Anales Del Jardin Botanico De Madrid, 2005, 62, . | 0.4 | 0 |
| 93 | Image analysis of hyphal morphogenesis in Saprolegniaceae (Oomycetes). Fungal Genetics and Biology, 2004, 41, 293-307. | 2.1 | 24 |
| 94 | Title is missing!. Anales Del Jardin Botanico De Madrid, 2004, 61, . | 0.4 | 65 |
| 95 | Digital Image Analysis of Internal Light Spots of Appressoria of Colletotrichum acutatum. Phytopathology, 2003, 93, 923-930. | 2.2 | 37 |
| 96 | Drastic bottlenecks in the endangered crayfish species Austropotamobius pallipes in Spain and implications for its colonization history. Heredity, 2001, 86, 431-438. | 2.6 | 47 |
| 97 | Status of the white-clawed crayfish, Austropotamobius pallipes (Lereboullet, 1858), in Spain : distribution and legislation. Knowledge and Management of Aquatic Ecosystems: an International Journal on Aquatic Ecosystems, 2000, , 31-53. | 0.4 | 55 |
| 98 | The inhibition of extracellular proteinases from Aphanomyces spp. by three different proteinase inhibitors from crayfish blood. Mycological Research, 1998, 102, 820-824. | 2.5 | 30 |
| 99 | The crayfish plague fungus(Aphanomyces astaci)in Spain. Knowledge and Management of Aquatic Ecosystems: an International Journal on Aquatic Ecosystems, 1997, , 753-763. | 0.4 | 50 |
| 100 | Thelohania contejeaniin the province of Alava, Spain. Knowledge and Management of Aquatic Ecosystems: an International Journal on Aquatic Ecosystems, 1997, , 749-752. | 0.4 | 6 |
| 101 | A plan of restauration in Navarra for the native freshwater crayfish species of Spain,Austropotamobius pallipes. Knowledge and Management of Aquatic Ecosystems: an International Journal on Aquatic Ecosystems, 1997, , 625-637. | 0.4 | 28 |
| 102 | Physiological characterization of Saprolegnia parasitica isolates from brown trout. Aquaculture, 1996, 140, 247-257. | 3.5 | 38 |
| 103 | Physiological adaptation of an Aphanomyces astaci strain isolated from the freshwater crayfish Procambarus clarkii. Mycological Research, 1995, 99, 574-578. | 2.5 | 122 |
| 104 | Repeated zoospore emergence in Saprolegnia parasitica. Mycological Research, 1994, 98, 810-815. | 2.5 | 61 |
| 105 | Saprolegnia parasitica and its virulence on three different species of freshwater crayfish. Aquaculture, 1994, 120, 219-228. | 3.5 | 57 |
| 106 | Procambarus clarkii Girard as a vector for the crayfish plague fungus, Aphanomyces astaci Schikora. Aquaculture Research, 1993, 24, 761-765. | 1.8 | 51 |