# Marta Gomez-Chiarri

List of Publications by Year
in descending order



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|---|---|---|---|
| 68 papers | 2,275 citations | 257101 24 h-index | 243296 44 g-index |
| 72 all docs | 72 docs citations | 72 times ranked | 2572 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Perkinsus marinus suppresses in vitro eastern oyster apoptosis via IAP-dependent and caspase-independent pathways involving TNFR, NF-kB, and oxidative pathway crosstalk. Developmental and Comparative Immunology, 2022, 129, 104339. | 1.0 | 4 |
| 2 | The expanded inhibitor of apoptosis gene family in oysters possesses novel domain architectures and may play diverse roles in apoptosis following immune challenge. BMC Genomics, 2022, 23, 201. | 1.2 | 12 |
| 3 | Extensive genome-wide duplications in the eastern oyster (Crassostrea virginica). Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200164. | 1.8 | 19 |
| 4 | Microbiome Analysis Reveals Diversity and Function of Mollicutes Associated with the Eastern Oyster, Crassostrea virginica. MSphere, 2021, 6, . | 1.3 | 21 |
| 5 | Functional plasticity in oyster gut microbiomes along a eutrophication gradient in an urbanized estuary. Animal Microbiome, 2021, 3, 5. | 1.5 | 22 |
| 6 | Contrasting Immunomodulatory Effects of Probiotic and Pathogenic Bacteria on Eastern Oyster, Crassostrea Virginica, Larvae. Vaccines, 2020, 8, 588. | 2.1 | 20 |
| 7 | Bacterial Community Dynamics in an Oyster Hatchery in Response to Probiotic Treatment. Frontiers in Microbiology, 2019, 10, 1060. | 1.5 | 35 |
| 8 | Draft Genome Sequence of the Putative Marine Pathogen Thalassobius sp. I31.1. Microbiology Resource Announcements, 2019, 8, . | 0.3 | 2 |
| 9 | From the raw bar to the bench: Bivalves as models for human health. Developmental and Comparative Immunology, 2019, 92, 260-282. | 1.0 | 48 |
| 10 | Draft Genome Sequence of Bowmanella denitrificans JL63, a Bacterium Isolated from Whiteleg Shrimp (Litopenaeus vannamei) That Can Inhibit the Growth of Vibrio parahaemolyticus. Genome Announcements, 2018, 6, . | 0.8 | 0 |
| 11 | El NiÃ±o drives a widespread ulcerative skin disease outbreak in Galapagos marine fishes. Scientific Reports, 2018, 8, 16602. | 1.6 | 17 |
| 12 | Draft Genome Sequence of the Putative Marine Pathogen Aquimarina sp. Strain I32.4. Genome Announcements, 2018, 6, . | 0.8 | 9 |
| 13 | Immunity in Molluscs: Recognition and Effector Mechanisms, with a Focus on Bivalvia. , 2018, , 225-341. | | 43 |
| 14 | Draft Genome Sequence of Loktanella maritima Strain YPC211, a Commensal Bacterium of the American Lobster (Homarus americanus). Genome Announcements, 2018, 6, . | 0.8 | 2 |
| 15 | Bloom-forming macroalgae (Ulva spp.) inhibit the growth of co-occurring macroalgae and decrease eastern oyster larval survival. Marine Ecology - Progress Series, 2018, 595, 27-37. | 0.9 | 16 |
| 16 | Aquaculture genomics, genetics and breeding in the United States: current status, challenges, and priorities for future research. BMC Genomics, 2017, 18, 191. | 1.2 | 155 |
| 17 | Subtle Microbiome Manipulation Using Probiotics Reduces Antibiotic-Associated Mortality in Fish. MSystems, 2017, 2, . | 1.7 | 50 |
| 18 | Sea Star Wasting Disease in Asterias forbesi along the Atlantic Coast of North America. PLoS ONE, 2017, 12, e0188523. | 1.1 | 32 |

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|---|---|---|---|
| 19 | Draft Genome Sequence of Aliiroseovarius crassostreae CV919-312, the Causative Agent of Roseovarius Oyster Disease (Formerly Juvenile Oyster Disease). Genome Announcements, 2016, 4, . | 0.8 | 5 |
| 20 | Draft Genome Sequence of the New Pathogen for Bivalve Larvae Vibrio bivalvicida. Genome Announcements, 2016, 4, . | 0.8 | 2 |
| 21 | Multi-species protein similarity clustering reveals novel expanded immune gene families in the eastern oyster Crassostrea virginica. Fish and Shellfish Immunology, 2016, 53, 13-23. | 1.6 | 45 |
| 22 | Draft Genome Sequence of the Emerging Bivalve Pathogen Vibrio tubiashii subsp. europaeus. Genome Announcements, 2016, 4, . | 0.8 | 2 |
| 23 | Probiotic Strains for Disease Management in Hatchery Larviculture of the Eastern OysterCrassostrea virginica. Journal of Shellfish Research, 2016, 35, 307-317. | 0.3 | 17 |
| 24 | Efficacy of Probiotics in Preventing Vibriosis in the Larviculture of Different Species of Bivalve Shellfish. Journal of Shellfish Research, 2016, 35, 319-328. | 0.3 | 16 |
| 25 | Contributions of tropodithietic acid and biofilm formation to the probiotic activity of Phaeobacter inhibens. BMC Microbiology, 2016, 16, 1. | 1.3 | 229 |
| 26 | Performance of selectively-bred lines of eastern oyster, Crassostrea virginica, across eastern US estuaries. Aquaculture, 2016, 464, 17-27. | 1.7 | 62 |
| 27 | Following the infection process of vibriosis in Manila clam (Ruditapes philippinarum) larvae through GFP-tagged pathogenic Vibrio species. Journal of Invertebrate Pathology, 2016, 133, 27-33. | 1.5 | 38 |
| 28 | Incorporation of soybean products in summer flounder ( Paralichthys dentatus ) feeds: Effects on growth and survival to bacterial challenge. Aquaculture, 2016, 452, 395-401. | 1.7 | 10 |
| 29 | Reclassification of the larval pathogen for marine bivalves Vibrio tubiashii subsp. europaeus as Vibrio europaeus sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4791-4796. | 0.8 | 20 |
| 30 | Draft Genome Sequence of the Marine Pathogen Vibrio coralliilyticus RE22. Genome Announcements, 2015, 3, . | 0.8 | 6 |
| 31 | The use of -omic tools in the study of disease processes in marine bivalve mollusks. Journal of Invertebrate Pathology, 2015, 131, 137-154. | 1.5 | 45 |
| 32 | Developing tools for the study of molluscan immunity: TheÂsequencing of the genome of the eastern oyster, CrassostreaÂvirginica. Fish and Shellfish Immunology, 2015, 46, 2-4. | 1.6 | 100 |
| 33 | Draft Genome Sequence of the Shellfish Larval Probiotic Bacillus pumilus RI06-95. Genome Announcements, 2015, 3, . | 0.8 | 15 |
| 34 | Transcriptome of American Oysters, Crassostrea virginica, in Response to Bacterial Challenge: Insights into Potential Mechanisms of Disease Resistance. PLoS ONE, 2014, 9, e105097. | 1.1 | 74 |
| 35 | Identification of potential general markers of disease resistance in American oysters, Crassostrea virginica through gene expression studies. Fish and Shellfish Immunology, 2014, 41, 27-36. | 1.6 | 26 |
| 36 | Genetic Diversity ofVibrio parahaemolyticusfrom Narragansett Bay and Coastal Ponds of Rhode Island. Journal of Shellfish Research, 2013, 32, 519-525. | 0.3 | 0 |

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|---|---|---|---|
| 37 | Probiotic Strains for Shellfish Aquaculture: Protection of Eastern Oyster,Crassostrea virginica, Larvae and Juveniles Againsl Bacterial Challenge. Journal of Shellfish Research, 2013, 32, 401-408. | 0.3 | 69 |
| 38 | Vibrio parahaemolyticus in Rhode Island Coastal Ponds and the Estuarine Environment of Narragansett Bay. Applied and Environmental Microbiology, 2012, 78, 2996-2999. | 1.4 | 11 |
| 39 | Shell Disease in the American Lobster,Homarus americanus: A Synthesis of Research from the New England Lobster Research Initiative: Lobster Shell Disease. Journal of Shellfish Research, 2012, 31, 583-590. | 0.3 | 20 |
| 40 | Epizootic shell disease in American lobsters Homarus americanus in southern New England: past, present and future. Diseases of Aquatic Organisms, 2012, 100, 149-158. | 0.5 | 40 |
| 41 | Quantitative PCR assay to determine prevalence and intensity of MSX (Haplosporidium nelsoni) in North Carolina and Rhode Island oysters Crassostrea virginica. Diseases of Aquatic Organisms, 2012, 102, 107-118. | 0.5 | 13 |
| 42 | Upregulation in response to infection and antibacterial activity of oyster histone H4. Fish and Shellfish Immunology, 2011, 30, 94-101. | 1.6 | 39 |
| 43 | The influence of vitamin E on immune function and response to vaccination in older horses1. Journal of Animal Science, 2010, 88, 2950-2958. | 0.2 | 9 |
| 44 | Genetic diversity in captive and wild Matschie's tree kangaroo (Dendrolagus matschiei) from Huon Peninsula, Papua New Guinea, based on mtDNA control region sequences. Zoo Biology, 2009, 28, 183-196. | 0.5 | 13 |
| 45 | Bacterial Community Profiling of the Eastern Oyster (Crassostrea virginica): Comparison of Culture-Dependent and Culture-Independent Outcomes. Journal of Shellfish Research, 2009, 28, 827-835. | 0.3 | 20 |
| 46 | Evolution of tolerance to PCBs and susceptibility to a bacterial pathogen (Vibrio harveyi) in Atlantic killifish (Fundulus heteroclitus) from New Bedford (MA, USA) harbor. Environmental Pollution, 2009, 157, 857-864. | 3.7 | 34 |
| 47 | Antimicrobial Peptides for Use in Oyster Aquaculture: Effect on Pathogens, Commensals, and Eukaryotic Expression Systems. Journal of Shellfish Research, 2008, 27, 365-373. | 0.3 | 21 |
| 48 | Numerical Quantification of Perkinsus marinus in the American Oyster Crassostrea virginica (Gmelin,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf | 0.3 | 5 |
| 49 | Survival of eastern oysters Crassostrea virginica from three lines following experimental challenge with bacterial pathogens. Diseases of Aquatic Organisms, 2008, 79, 95-105. | 0.5 | 42 |
| 50 | EPIZOOTIOLOGY OF QUAHOG PARASITE UNKNOWN (QPX) DISEASE IN NORTHERN QUAHOGS (=HARD) Tj ETQq0 0 0 rgBT /Overlock 10 | 0.3 | 19 |
| 51 | Fundulus as the premier teleost model in environmental biology: Opportunities for new insights using genomics. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2007, 2, 257-286. | 0.4 | 194 |
| 52 | Role of nitric oxide in the defenses of Crassostrea virginica to experimental infection with the protozoan parasite Perkinsus marinus. Developmental and Comparative Immunology, 2007, 31, 968-977. | 1.0 | 52 |
| 53 | Developmental changes in stomach, intestine, and skin glycoconjugates in summer flounder (Paralichthys dentatus): A lectin histochemical study. Aquaculture, 2006, 253, 680-687. | 1.7 | 4 |
| 54 | Vibrio harveyi and other bacterial pathogens in cultured summer flounder, Paralichthys dentatus. Aquaculture, 2006, 260, 10-20. | 1.7 | 56 |

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|---|---|---|---|
| 55 | Comparative genomics in vertebrate evolution and development. Journal of Experimental Zoology Part A, Comparative Experimental Biology, 2006, 305A, 672-682. | 1.3 | 2 |
| 56 | Functional implications of Major Histocompatibility (MH) variation using estuarine fish populations. Integrative and Comparative Biology, 2006, 46, 1016-1029. | 0.9 | 12 |
| 57 | The Major Aeromonas veronii Outer Membrane Protein: Gene Cloning and Sequence Analysis. Current Microbiology, 2005, 51, 372-378. | 1.0 | 5 |
| 58 | Evaluation of DNA vaccination of spotted sand bass (Paralabrax maculatofasciatus) with two major outer-membrane protein-encoding genes from Aeromonas veronii. Fish and Shellfish Immunology, 2005, 19, 153-163. | 1.6 | 42 |
| 59 | Molecular cloning, sequencing and characterization of omp48, the gene encoding for an antigenic outer membrane protein from Aeromonas veronii. Journal of Applied Microbiology, 2003, 94, 908-918. | 1.4 | 26 |
| 60 | 16S ribosomal DNA sequencing confirms the synonymy of Vibrio harveyi and V. carchariae. Diseases of Aquatic Organisms, 2002, 52, 39-46. | 0.5 | 60 |
| 61 | Isolation and Characterization of an Actin Promoter from the Red Abalone (Haliotis rufescens). Marine Biotechnology, 1999, 1, 269-278. | 1.1 | 6 |
| 62 | Evaluation of eukaryotic promoters for the construction of DNA vaccines for aquaculture. Genetic Analysis, Techniques and Applications, 1999, 15, 121-124. | 1.5 | 14 |
| 63 | Infectious necrotizing enteritis and mortality caused by Vibrio carchariae in summer flounder Paralichthys dentatus during intensive culture. Diseases of Aquatic Organisms, 1999, 38, 201-210. | 0.5 | 57 |
| 64 | Structural and Functional Differences in the Promoter and 5â€² Flanking Region of Ldh-B Within and Between Populations of the Teleost Fundulus heteroclitus. Genetics, 1997, 145, 759-769. | 1.2 | 77 |
| 65 | Introduction of foreign genes into the tissue of live fish by direct injection and particle bombardment. Diseases of Aquatic Organisms, 1996, 27, 5-12. | 0.5 | 54 |
| 66 | Glomerular up-regulation of EIIIA and V120 fibronectin isoforms in proliferative immune complex nephritis. Kidney International, 1996, 50, 908-919. | 2.6 | 13 |
| 67 | Fibronectin (FN) decreases glomerular lesions and synthesis of tumour necrosis factor-alpha (TNF-Î±), platelet-activating factor (PAF) and FN in proliferative glomerulonephritis. Clinical and Experimental Immunology, 1995, 101, 334-340. | 1.1 | 11 |
| 68 | Origin of a Spanish population ofFundulus heteroclitusinferred by cytochromebsequence analysis. Journal of Fish Biology, 1995, 47, 737-740. | 0.7 | 7 |