

Margarita Menéndez

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,747
citations

236925

25
h-index

289244

40
g-index

55
all docs

55
docs citations

55
times ranked

1904
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Fungal Biodiversity Mediates the Effects of Drying on Freshwater Ecosystem Functioning. <i>Ecosystems</i> , 2022, 25, 780-794. | 3.4 | 8 |
| 2 | Diversity mediates the responses of invertebrate density to duration and frequency of rivers' annual drying regime. <i>Oikos</i> , 2021, 130, 2148-2160. | 2.7 | 15 |
| 3 | Subsurface zones in intermittent streams are hotspots of microbial decomposition during the non-flow period. <i>Science of the Total Environment</i> , 2020, 703, 135485. | 8.0 | 16 |
| 4 | Key role of streambed moisture and flash storms for microbial resistance and resilience to long-term drought. <i>Freshwater Biology</i> , 2019, 64, 306-322. | 2.4 | 25 |
| 5 | Uptake and trophic transfer of nitrogen and carbon in a temperate forested headwater stream. <i>Aquatic Sciences</i> , 2019, 81, 1. | 1.5 | 5 |
| 6 | Decomposition processes in coastal lagoons and their implications for the assessment of ecological health. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 450-460. | 2.0 | 0 |
| 7 | Does the severity of non-flow periods influence ecosystem structure and function of temporary streams? A mesocosm study. <i>Freshwater Biology</i> , 2018, 63, 613-625. | 2.4 | 11 |
| 8 | Quality and quantity of leaf litter: Both are important for feeding preferences and growth of an aquatic shredder. <i>PLoS ONE</i> , 2018, 13, e0208272. | 2.5 | 18 |
| 9 | Climate modulates the magnitude of the effects of flow regulation on leaf-litter decomposition. <i>Aquatic Sciences</i> , 2017, 79, 507-514. | 1.5 | 6 |
| 10 | Leaf-litter breakdown as an indicator of the impacts by flow regulation in headwater streams: Responses across climatic regions. <i>Ecological Indicators</i> , 2017, 73, 11-22. | 6.3 | 12 |
| 11 | Structure-based domain assignment in <i>Leishmania infantum</i> EndoG: characterization of a pH-dependent regulatory switch and a C-terminal extension that largely dictates DNA substrate preferences. <i>Nucleic Acids Research</i> , 2017, 45, 9030-9045. | 14.5 | 6 |
| 12 | Drought and detritivores determine leaf litter decomposition in calcareous streams of the Ebro catchment (Spain). <i>Science of the Total Environment</i> , 2016, 573, 1450-1459. | 8.0 | 30 |
| 13 | Heterogeneity in leaf litter decomposition in a temporary Mediterranean stream during flow fragmentation. <i>Science of the Total Environment</i> , 2016, 553, 330-339. | 8.0 | 52 |
| 14 | Effects of water flow regulation on ecosystem functioning in a Mediterranean river network assessed by wood decomposition. <i>Science of the Total Environment</i> , 2015, 517, 57-65. | 8.0 | 25 |
| 15 | A novel chimeric phage lysin with high <i>in vitro</i> and <i>in vivo</i> bactericidal activity against <i>Streptococcus pneumoniae</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 1763-1773. | 3.0 | 98 |
| 16 | Exploring Multimodularity in Plant Cell Wall Deconstruction. <i>Journal of Biological Chemistry</i> , 2015, 290, 17116-17130. | 3.4 | 19 |
| 17 | Leaf litter decomposition of native and introduced tree species of contrasting quality in headwater streams: How does the regional setting matter?. <i>Science of the Total Environment</i> , 2013, 458-460, 197-208. | 8.0 | 36 |
| 18 | Improving the Lethal Effect of Cpl-7, a Pneumococcal Phage Lysozyme with Broad Bactericidal Activity, by Inverting the Net Charge of Its Cell Wall-Binding Module. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 5355-5365. | 3.2 | 89 |

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|----|--|-----|-----------|
| 19 | Effect of small reservoirs on leaf litter decomposition in Mediterranean headwater streams. <i>Hydrobiologia</i> , 2012, 691, 135-146. | 2.0 | 30 |
| 20 | Thermal Stability of Cpl-7 Endolysin from the <i>Streptococcus pneumoniae</i> Bacteriophage Cp-7; Cell Wall-Targeting of Its CW_7 Motifs. <i>PLoS ONE</i> , 2012, 7, e46654. | 2.5 | 18 |
| 21 | Leaf-litter decomposition in headwater streams: a comparison of the process among four climatic regions. <i>Journal of the North American Benthological Society</i> , 2011, 30, 935-950. | 3.1 | 52 |
| 22 | Leaf litter breakdown in Mediterranean streams: effect of dissolved inorganic nutrients. <i>Hydrobiologia</i> , 2011, 669, 143-155. | 2.0 | 20 |
| 23 | Inter- and Intra-Regional Variability of Leaf Litter Breakdown in Reference Headwater Streams of Northern Spain: Atlantic versus Mediterranean Streams. <i>International Review of Hydrobiology</i> , 2011, 96, 105-117. | 0.9 | 16 |
| 24 | Cpl-7, a Lysozyme Encoded by a Pneumococcal Bacteriophage with a Novel Cell Wall-binding Motif*. <i>Journal of Biological Chemistry</i> , 2010, 285, 33184-33196. | 3.4 | 44 |
| 25 | Response of early <i>Ruppia cirrhosa</i> litter breakdown to nutrient addition in a coastal lagoon affected by agricultural runoff. <i>Estuarine, Coastal and Shelf Science</i> , 2009, 82, 608-614. | 2.1 | 22 |
| 26 | Characterization of Ejl, the cell-wall amidase coded by the pneumococcal bacteriophage Ej-1. <i>Protein Science</i> , 2009, 11, 1788-1799. | 7.6 | 18 |
| 27 | Leaf growth, senescence and decomposition of <i>Juncus maritimus</i> Lam. in a coastal Mediterranean marsh. <i>Aquatic Botany</i> , 2008, 89, 365-371. | 1.6 | 22 |
| 28 | Insights into the Structure-Function Relationships of Pneumococcal Cell Wall Lysozymes, LytC and Cpl-1. <i>Journal of Biological Chemistry</i> , 2008, 283, 28618-28628. | 3.4 | 22 |
| 29 | Elucidation of the Molecular Recognition of Bacterial Cell Wall by Modular Pneumococcal Phage Endolysin CPL-1. <i>Journal of Biological Chemistry</i> , 2007, 282, 24990-24999. | 3.4 | 61 |
| 30 | Insights into Molecular Plasticity of Choline Binding Proteins (Pneumococcal Surface Proteins) by SAXS. <i>Journal of Molecular Biology</i> , 2007, 365, 411-424. | 4.2 | 23 |
| 31 | Litter Decomposition of <i>Scirpus maritimus</i> L. in a Mediterranean Coastal Marsh: Importance of the Meiofauna during the Initial Phases of Detached Leaves Decomposition. <i>International Review of Hydrobiology</i> , 2007, 92, 211-226. | 0.9 | 8 |
| 32 | Geratology and decomposition of <i>Spartina versicolor</i> in a brackish Mediterranean marsh. <i>Estuarine, Coastal and Shelf Science</i> , 2007, 74, 320-330. | 2.1 | 28 |
| 33 | Spatial distribution and biomass of aquatic rooted macrophytes and their relevance in the metabolism of a Mediterranean coastal lagoon. <i>Scientia Marina</i> , 2007, 71, 57-64. | 0.6 | 15 |
| 34 | Unravelling the structure of the pneumococcal autolytic lysozyme. <i>Biochemical Journal</i> , 2005, 391, 41-49. | 3.7 | 13 |
| 35 | Pneumococcal phosphorylcholine esterase, Pce, contains a metal binuclear center that is essential for substrate binding and catalysis. <i>Protein Science</i> , 2005, 14, 3013-3024. | 7.6 | 10 |
| 36 | Insights into pneumococcal pathogenesis from the crystal structure of the modular teichoic acid phosphorylcholine esterase Pce. <i>Nature Structural and Molecular Biology</i> , 2005, 12, 533-538. | 8.2 | 89 |

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|----|--|-----|-----------|
| 37 | Decomposition of the common reed <i>Phragmites australis</i> in a Mediterranean stream pond. <i>Archiv Für Hydrobiologie</i> , 2005, 163, 101-115. | 1.1 | 8 |
| 38 | Effect of nutrient pulses on photosynthesis of <i>Chaetomorpha linum</i> from a shallow Mediterranean coastal lagoon. <i>Aquatic Botany</i> , 2005, 82, 181-192. | 1.6 | 23 |
| 39 | Structural and Thermodynamic Characterization of Pal, a Phage Natural Chimeric Lysin Active against <i>Pneumococci</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 43697-43707. | 3.4 | 35 |
| 40 | Spatial and temporal scales for monitoring coastal aquatic ecosystems. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2004, 14, S5-S17. | 2.0 | 26 |
| 41 | Variability of Organic Matter Processing in a Mediterranean Coastal Lagoon. <i>International Review of Hydrobiology</i> , 2004, 89, 476-483. | 0.9 | 18 |
| 42 | Title is missing!. <i>Hydrobiologia</i> , 2003, 495, 159-169. | 2.0 | 41 |
| 43 | Effect of nutrients on decomposition of <i>Ruppia cirrhosa</i> in a shallow coastal lagoon. <i>Hydrobiologia</i> , 2003, 506-509, 729-735. | 2.0 | 23 |
| 44 | Structural Basis for Selective Recognition of <i>Pneumococcal</i> Cell Wall by Modular Endolysin from Phage Cp-1. <i>Structure</i> , 2003, 11, 1239-1249. | 3.3 | 149 |
| 45 | Net production of <i>Ruppia cirrhosa</i> in the Ebro Delta. <i>Aquatic Botany</i> , 2002, 73, 107-113. | 1.6 | 25 |
| 46 | Effect of nitrogen and phosphorus supply on growth, chlorophyll content and tissue composition of the macroalga <i>Chaetomorpha linum</i> (O.F. MÅ¼ll), KÅ¼tz, in a Mediterranean Coastal Lagoon. <i>Scientia Marina</i> , 2002, 66, 355-364. | 0.6 | 52 |
| 47 | Restoration of Wetlands from Abandoned Rice Fields for Nutrient Removal, and Biological Community and Landscape Diversity. <i>Restoration Ecology</i> , 2001, 9, 201-208. | 2.9 | 72 |
| 48 | Comparison of Leaf Decomposition in Two Mediterranean Rivers: a Large Eutrophic River and an Oligotrophic Stream (S Catalonia, NE Spain). <i>International Review of Hydrobiology</i> , 2001, 86, 475-486. | 0.9 | 29 |
| 49 | A comparative study of the effect of pH and inorganic carbon resources on the photosynthesis of three floating macroalgae species of a Mediterranean coastal lagoon. <i>Journal of Experimental Marine Biology and Ecology</i> , 2001, 256, 123-136. | 1.5 | 65 |
| 50 | Do Sequence Repeats Play an Equivalent Role in the Choline-binding Module of <i>Pneumococcal</i> LytA Amidase?. <i>Journal of Biological Chemistry</i> , 2000, 275, 26842-26855. | 3.4 | 33 |
| 51 | Seasonal variations in PÅ¼l responses of <i>Chara hispida</i> L. and <i>Potamogeton pectinatus</i> L. from stream mediterranean ponds. <i>Aquatic Botany</i> , 1998, 61, 1-15. | 1.6 | 35 |
| 52 | Structural Characterization of the Unligated and Choline-bound Forms of the Major <i>Pneumococcal</i> Autolysin LytA Amidase. <i>Journal of Biological Chemistry</i> , 1996, 271, 29152-29161. | 3.4 | 36 |
| 53 | Structural Organization of the Major Autolysin from <i>Streptococcus pneumoniae</i> . <i>Journal of Biological Chemistry</i> , 1996, 271, 6832-6838. | 3.4 | 54 |
| 54 | Seasonal photosynthetic and respiratory responses of <i>Ruppia cirrhosa</i> (Petagna) Grande to changes in light and temperature. <i>Archiv Für Hydrobiologie</i> , 1993, 129, 221-230. | 1.1 | 16 |

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|----|---|-----|-----------|
| 55 | Proposals for macrophyte restoration in eutrophic coastal lagoons. <i>Hydrobiologia</i> , 1990, 200-201, 427-436. | 2.0 | 25 |