# Marta RusiÃ±ol

List of Publications by Year
in descending order



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|---|---|---|---|
| 37 papers | 1,326 citations | 331670 21 h-index | 377865 34 g-index |
| 39 all docs | 39 docs citations | 39 times ranked | 1643 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Minimizing errors in RT-PCR detection and quantification of SARS-CoV-2 RNA for wastewater surveillance. Science of the Total Environment, 2022, 805, 149877. | 8.0 | 153 |
| 2 | Evaluation of a virus concentration method based on ultrafiltration and wet foam elution for studying viruses from large-volume water samples. Science of the Total Environment, 2022, 829, 154431. | 8.0 | 5 |
| 3 | Evaluation of two rapid ultrafiltration-based methods for SARS-CoV-2 concentration from wastewater. Science of the Total Environment, 2021, 768, 144786. | 8.0 | 64 |
| 4 | NGS Techniques Reveal a High Diversity of RNA Viral Pathogens and Papillomaviruses in Fresh Produce and Irrigation Water. Foods, 2021, 10, 1820. | 4.3 | 12 |
| 5 | Monitoring waves of the COVID-19 pandemic: Inferences from WWTPs of different sizes. Science of the Total Environment, 2021, 787, 147463. | 8.0 | 47 |
| 6 | Exploring the diversity of coronavirus in sewage during COVID-19 pandemic: Don't miss the forest for the trees. Science of the Total Environment, 2021, 800, 149562. | 8.0 | 14 |
| 7 | Looking for a needle in a haystack. SARS-CoV-2 variant characterization in sewage. Current Opinion in Environmental Science and Health, 2021, 24, 100308. | 4.1 | 5 |
| 8 | Metagenomic analysis of viruses, bacteria and protozoa in irrigation water. International Journal of Hygiene and Environmental Health, 2020, 224, 113440. | 4.3 | 29 |
| 9 | Microbiological contamination of conventional and reclaimed irrigation water: Evaluation and management measures. Science of the Total Environment, 2020, 710, 136298. | 8.0 | 45 |
| 10 | Concentration methods for the quantification of coronavirus and other potentially pandemic enveloped virus from wastewater. Current Opinion in Environmental Science and Health, 2020, 17, 21-28. | 4.1 | 78 |
| 11 | Recent trends on methods for the concentration of viruses from water samples. Current Opinion in Environmental Science and Health, 2020, 16, 7-13. | 4.1 | 56 |
| 12 | Characterisation of the sewage virome: comparison of NGS tools and occurrence of significant pathogens. Science of the Total Environment, 2020, 713, 136604. | 8.0 | 58 |
| 13 | Occurrence of pathogens in the riverâ€“groundwater interface in a losing river stretch (BesÃ²s River) Tj ETQq1 1 0.784314 rgBT /Overlo | 8.0 | 9 |
| 14 | VirWaTest, A Point-of-Use Method for the Detection of Viruses in Water Samples. Journal of Visualized Experiments, 2019, , . | 0.3 | 0 |
| 15 | Exploring the use of tertiary reclaimed water in dairy cattle production. Journal of Cleaner Production, 2019, 229, 964-973. | 9.3 | 7 |
| 16 | Quantitative risk assessment of norovirus and adenovirus for the use of reclaimed water to irrigate lettuce in Catalonia. Water Research, 2019, 153, 91-99. | 11.3 | 52 |
| 17 | Metagenomics for the study of viruses in urban sewage as a tool for public health surveillance. Science of the Total Environment, 2018, 618, 870-880. | 8.0 | 116 |
| 18 | Quito's virome: Metagenomic analysis of viral diversity in urban streams of Ecuador's capital city. Science of the Total Environment, 2018, 645, 1334-1343. | 8.0 | 38 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Viral Concentration and Amplification from Human Serum Samples Prior to Application of Next-Generation Sequencing Analysis. Methods in Molecular Biology, 2018, 1838, 173-188. | 0.9 | 10 |
| 20 | Human-, Ovine-, and Bovine-Specific Viral Source Tracking Tools to Discriminate Between the Major Fecal Sources in Agricultural Waters. Food and Environmental Virology, 2016, 8, 34-45. | 3.4 | 14 |
| 21 | Evaluation of the microbiological quality of reclaimed water produced from a lagooning system. Environmental Science and Pollution Research, 2016, 23, 16816-16833. | 5.3 | 27 |
| 22 | Development of improved low-cost ceramic water filters for viral removal in the Haitian context. Journal of Water Sanitation and Hygiene for Development, 2015, 5, 28-38. | 1.8 | 11 |
| 23 | Evidence of viral dissemination and seasonality in a Mediterranean river catchment: Implications for water pollution management. Journal of Environmental Management, 2015, 159, 58-67. | 7.8 | 51 |
| 24 | Specific Viruses Present in Polluted Groundwater Are Indicative of the Source of Nitrates and Faecal Contamination in Agricultural Areas. Handbook of Environmental Chemistry, 2015, , 1-24. | 0.4 | 0 |
| 25 | Erratum to â€œQuantification of Human and Animal Viruses to Differentiate the Origin of the Fecal Contamination Present in Environmental Samplesâ€• BioMed Research International, 2014, 2014, 1-2. | 1.9 | 0 |
| 26 | Adenovirus and Norovirus Contaminants in Commercially Distributed Shellfish. Food and Environmental Virology, 2014, 6, 31-41. | 3.4 | 27 |
| 27 | Application of human and animal viral microbial source tracking tools in fresh and marine waters from five different geographical areas. Water Research, 2014, 59, 119-129. | 11.3 | 97 |
| 28 | Environmental Effectors on the Inactivation of Human Adenoviruses in Water. Food and Environmental Virology, 2013, 5, 203-214. | 3.4 | 24 |
| 29 | Description of a novel viral tool to identify and quantify ovine faecal pollution in the environment. Science of the Total Environment, 2013, 458-460, 355-360. | 8.0 | 11 |
| 30 | Detection and quantification of classic and emerging viruses by skimmed-milk flocculation and PCR in river water from two geographical areas. Water Research, 2013, 47, 2797-2810. | 11.3 | 92 |
| 31 | Effect of temperature and sunlight on the stability of human adenoviruses and MS2 as fecal contaminants on fresh produce surfaces. International Journal of Food Microbiology, 2013, 164, 128-134. | 4.7 | 23 |
| 32 | Quantification of Human and Animal Viruses to Differentiate the Origin of the Fecal Contamination Present in Environmental Samples. BioMed Research International, 2013, 2013, 1-11. | 1.9 | 56 |
| 33 | A Novel Tool for Specific Detection and Quantification of Chicken/Turkey Parvoviruses To Trace Poultry Fecal Contamination in the Environment. Applied and Environmental Microbiology, 2012, 78, 7496-7499. | 3.1 | 28 |
| 34 | Standard and new faecal indicators and pathogens in sewage treatment plants, microbiological parameters for improving the control of reclaimed water. Water Science and Technology, 2012, 66, 2517-2523. | 2.5 | 49 |
| 35 | Cost-Effective Applications of Human and Animal Viruses as Microbial Source-Tracking Tools in Surface Waters and Growdwater. Special Publication - Royal Society of Chemistry, 2012, , 90-101. | 0.0 | 1 |
| 36 | Cost-effective Method for Microbial Source Tracking Using Specific Human and Animal Viruses. Journal of Visualized Experiments, 2011, , . | 0.3 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Summary of Excreted and Waterborne Viruses. , 0, , . | | 9 |