

David Bolzonella

List of Publications by Year in descending order

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Version: 2024-02-01

165
papers

9,208
citations

36271

51
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45285

90
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166
all docs

166
docs citations

166
times ranked

7390
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Integrated selection of PHA-storing biomass and nitrogen removal via nitrite from sludge reject water: a mathematical model. <i>Environmental Technology</i> (United Kingdom), 2024, 45, 73-86. | 1.2 | 0 |
| 2 | Upscaled and validated technologies for the production of bio-based materials from wastewater. , 2022, , 197-222. | | 0 |
| 3 | Anaerobic fermentation technologies for the production of chemical building blocks and bio-based products from wastewater. , 2022, , 159-195. | | 0 |
| 4 | Single Cell Proteins production from food processing effluents and digestate. <i>Chemosphere</i> , 2022, 296, 134076. | 4.2 | 26 |
| 5 | Combined sewer overflows: A critical review on best practice and innovative solutions to mitigate impacts on environment and human health. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 1585-1618. | 6.6 | 62 |
| 6 | A microalgal-based preparation with synergistic cellulolytic and detoxifying action towards chemical-treated lignocellulose. <i>Plant Biotechnology Journal</i> , 2021, 19, 124-137. | 4.1 | 10 |
| 7 | Microplastics in real wastewater treatment schemes: Comparative assessment and relevant inhibition effects on anaerobic processes. <i>Chemosphere</i> , 2021, 262, 128415. | 4.2 | 69 |
| 8 | A water-waste-energy nexus approach to bridge the sustainability gap in landfill-based waste management regions. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 137, 110441. | 8.2 | 13 |
| 9 | Catchment-wide validated assessment of combined sewer overflows (CSOs) in a mediterranean coastal area and possible disinfection methods to mitigate microbial contamination. <i>Environmental Research</i> , 2021, 196, 110367. | 3.7 | 10 |
| 10 | Non-conventional yeasts for food and additives production in a circular economy perspective. <i>FEMS Yeast Research</i> , 2021, 21, . | 1.1 | 12 |
| 11 | Single-phase anaerobic digestion of the organic fraction of municipal solid waste without dilution: Reactor stability and process performance of small, decentralised plants. <i>Waste Management</i> , 2021, 125, 103-111. | 3.7 | 6 |
| 12 | Can bioplastics be treated in conventional anaerobic digesters for food waste treatment?. <i>Environmental Technology and Innovation</i> , 2021, 22, 101393. | 3.0 | 56 |
| 13 | Valorisation of Agricultural Digestate for the Ammonium Sulfate Recovery and Soil Improvers Production. <i>Waste and Biomass Valorization</i> , 2021, 12, 6903-6916. | 1.8 | 5 |
| 14 | Effects of the Sludge Retention Time and Carbon Source on Polyhydroxyalkanoate-Storing Biomass Selection under Aerobic-Feast and Anoxic-Famine Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 9455-9464. | 3.2 | 14 |
| 15 | Targeted Bio-Based Volatile Fatty Acid Production from Waste Streams through Anaerobic Fermentation: Link between Process Parameters and Operating Scale. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 9970-9987. | 3.2 | 15 |
| 16 | Validating Circular Performance Indicators: The Interface between Circular Economy and Stakeholders. <i>Water</i> (Switzerland), 2021, 13, 2198. | 1.2 | 11 |
| 17 | Optimization of short chain volatile fatty acids production from household food waste for biorefinery applications. <i>Environmental Technology and Innovation</i> , 2021, 23, 101562. | 3.0 | 30 |
| 18 | Influence of different household Food Wastes Fractions on Volatile Fatty Acids production by anaerobic fermentation. <i>Bioresource Technology</i> , 2021, 335, 125289. | 4.8 | 40 |

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|----|--|-----|-----------|
| 19 | Volatile Fatty Acid Recovery from Anaerobic Fermentate: Focusing on Adsorption and Desorption Performances. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 13701-13709. | 1.8 | 19 |
| 20 | Enhancing volatile fatty acids (VFA) production from food waste in a two-phases pilot-scale anaerobic digestion process. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106062. | 3.3 | 50 |
| 21 | Monitoring of cyanobacterial blooms and assessing polymer-enhanced microfiltration and ultrafiltration for microcystin removal in an Italian drinking water treatment plant. <i>Environmental Pollution</i> , 2021, 286, 117535. | 3.7 | 18 |
| 22 | Brine treatment technologies towards minimum/zero liquid discharge and resource recovery: State of the art and techno-economic assessment. <i>Journal of Environmental Management</i> , 2021, 300, 113681. | 3.8 | 44 |
| 23 | Biodiesel, biogas and fermentable sugars production from Spent coffee Grounds: A cascade biorefinery approach. <i>Bioresource Technology</i> , 2021, 342, 125952. | 4.8 | 32 |
| 24 | Water-Energy-Food-Climate Nexus in an Integrated Peri-Urban Wastewater Treatment and Reuse System: From Theory to Practice. <i>Sustainability</i> , 2021, 13, 10952. | 1.6 | 12 |
| 25 | Polyhydroxyalkanoated-Rich Microbial Cells from Bio-Based Volatile Fatty Acids as Potential Ingredient for Aquaculture Feed. <i>Energies</i> , 2021, 14, 38. | 1.6 | 7 |
| 26 | Validation of an evidence-based methodology to support regional carbon footprint assessment and decarbonisation of wastewater treatment service in Italy. <i>Water Research</i> , 2021, 207, 117831. | 5.3 | 18 |
| 27 | Producing Biohythane from Urban Organic Wastes. <i>Waste and Biomass Valorization</i> , 2020, 11, 2367-2374. | 1.8 | 14 |
| 28 | Food wastes and sewage sludge as feedstock for an urban biorefinery producing biofuels and added-value bioproducts. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 328-338. | 1.6 | 71 |
| 29 | Validated innovative approaches for energy-efficient resource recovery and re-use from municipal wastewater: From anaerobic treatment systems to a biorefinery concept. <i>Critical Reviews in Environmental Science and Technology</i> , 2020, 50, 869-902. | 6.6 | 32 |
| 30 | An urban biorefinery for food waste and biological sludge conversion into polyhydroxyalkanoates and biogas. <i>Water Research</i> , 2020, 170, 115371. | 5.3 | 112 |
| 31 | Anaerobic Co-Digestion Effluent as Substrate for <i>Chlorella vulgaris</i> and <i>Scenedesmus obliquus</i> Cultivation. <i>Energies</i> , 2020, 13, 4880. | 1.6 | 3 |
| 32 | Biological thermophilic post hydrolysis of digestate enhances the biogas production in the anaerobic digestion of agro-waste. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 134, 110174. | 8.2 | 19 |
| 33 | Pilot-scale multi-purposes approach for volatile fatty acid production, hydrogen and methane from an automatic controlled anaerobic process. <i>Journal of Cleaner Production</i> , 2020, 277, 124297. | 4.6 | 27 |
| 34 | The cascade biorefinery approach for the valorization of the spent coffee grounds. <i>Renewable Energy</i> , 2020, 157, 1203-1211. | 4.3 | 31 |
| 35 | Volatile fatty acids production from biowaste at mechanical-biological treatment plants: Focusing on fermentation temperature. <i>Bioresource Technology</i> , 2020, 314, 123729. | 4.8 | 35 |
| 36 | Sieving of municipal wastewater and recovery of bio-based volatile fatty acids at pilot scale. <i>Water Research</i> , 2020, 174, 115633. | 5.3 | 54 |

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|----|--|-----|-----------|
| 37 | Long-term validation of polyhydroxyalkanoates production potential from the sidestream of municipal wastewater treatment plant at pilot scale. <i>Chemical Engineering Journal</i> , 2020, 390, 124627. | 6.6 | 55 |
| 38 | Resource recovery from water: From concept to standard practice. <i>Water Research</i> , 2020, 178, 115856. | 5.3 | 8 |
| 39 | Soft Sensor Application in Identification of the Activated Sludge Bulking Considering the Technological and Economical Aspects of Smart Systems Functioning. <i>Sensors</i> , 2020, 20, 1941. | 2.1 | 19 |
| 40 | A Multiproduct Biorefinery Approach for the Production of Hydrogen, Methane and Volatile Fatty Acids from Agricultural Waste. <i>Waste and Biomass Valorization</i> , 2020, 11, 5239-5246. | 1.8 | 26 |
| 41 | Decentralized Community Composting: Past, Present and Future Aspects of Italy. <i>Sustainability</i> , 2020, 12, 3319. | 1.6 | 50 |
| 42 | Valorization of Residual Orange Peels: Limonene Recovery, Volatile Fatty Acids, and Biogas Production. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 6834-6843. | 3.2 | 39 |
| 43 | Energy and Nutrients Recovery in Anaerobic Digestion of Agricultural Biomass: An Italian Perspective for Future Applications. <i>Energies</i> , 2019, 12, 3287. | 1.6 | 32 |
| 44 | Pilot scale cellulose recovery from sewage sludge and reuse in building and construction material. <i>Waste Management</i> , 2019, 100, 208-218. | 3.7 | 45 |
| 45 | Evaluation of the methane potential of different agricultural and food processing substrates for improved biogas production in rural areas. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 112, 1-10. | 8.2 | 78 |
| 46 | Pilot-Scale Polyhydroxyalkanoate Production from Combined Treatment of Organic Fraction of Municipal Solid Waste and Sewage Sludge. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 12149-12158. | 1.8 | 100 |
| 47 | Organic wastes as alternative sources of phosphorus for plant nutrition in a calcareous soil. <i>Waste Management</i> , 2019, 93, 34-46. | 3.7 | 23 |
| 48 | Effects of Enzymes Addition on Biogas Production From Anaerobic Digestion of Agricultural Biomasses. <i>Waste and Biomass Valorization</i> , 2019, 10, 3711-3722. | 1.8 | 19 |
| 49 | Optimization of urban waste fermentation for volatile fatty acids production. <i>Waste Management</i> , 2019, 92, 21-29. | 3.7 | 71 |
| 50 | Winery wastewater treatment: a critical overview of advanced biological processes. <i>Critical Reviews in Biotechnology</i> , 2019, 39, 489-507. | 5.1 | 54 |
| 51 | Exploitation of Solar Energy for Ammonium Sulfate Recovery from Anaerobic Digestate of Different Origin. <i>Waste and Biomass Valorization</i> , 2019, 10, 3701-3709. | 1.8 | 10 |
| 52 | Novel routes for urban bio-waste management: A combined acidic fermentation and anaerobic digestion process for platform chemicals and biogas production. <i>Journal of Cleaner Production</i> , 2019, 220, 368-375. | 4.6 | 48 |
| 53 | Recent developments in biohythane production from household food wastes: A review. <i>Bioresource Technology</i> , 2018, 257, 311-319. | 4.8 | 122 |
| 54 | Biorefinery of cellulosic primary sludge towards targeted Short Chain Fatty Acids, phosphorus and methane recovery. <i>Water Research</i> , 2018, 136, 112-119. | 5.3 | 68 |

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|----|--|-----|-----------|
| 55 | Environmental and sustainability evaluation of livestock waste management practices in Cyprus. <i>Science of the Total Environment</i> , 2018, 634, 127-140. | 3.9 | 21 |
| 56 | Enhanced retention of deammonification microorganisms for the treatment of psychrophilic anaerobic digestate. <i>Chemical Engineering Journal</i> , 2018, 344, 633-639. | 6.6 | 8 |
| 57 | Evaluation of the energy and greenhouse gases impacts of grass harvested on riverbanks for feeding anaerobic digestion plants. <i>Journal of Cleaner Production</i> , 2018, 172, 4099-4109. | 4.6 | 32 |
| 58 | Pilot scale comparison of single and double-stage thermophilic anaerobic digestion of food waste. <i>Journal of Cleaner Production</i> , 2018, 171, 1376-1385. | 4.6 | 92 |
| 59 | Nutrients recovery from anaerobic digestate of agro-waste: Techno-economic assessment of full scale applications. <i>Journal of Environmental Management</i> , 2018, 216, 111-119. | 3.8 | 121 |
| 60 | Monitoring and Control Improvement of Single and Two Stage Thermophilic Sludge Digestion Through Multivariate Analysis. <i>Waste and Biomass Valorization</i> , 2018, 9, 985-994. | 1.8 | 4 |
| 61 | Organic Fraction of Municipal Solid Waste Recovery by Conversion into Added-Value Polyhydroxyalkanoates and Biogas. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 16375-16385. | 3.2 | 73 |
| 62 | Some critical aspects of the enzymatic hydrolysis at high dry-matter content: a review. <i>Biofuels, Bioproducts and Biorefining</i> , 2018, 12, 711-723. | 1.9 | 35 |
| 63 | Volatile fatty acids production from food wastes for biorefinery platforms: A review. <i>Journal of Environmental Management</i> , 2018, 226, 278-288. | 3.8 | 264 |
| 64 | A research challenge vision regarding management of agricultural waste in a circular bio-based economy. <i>Critical Reviews in Environmental Science and Technology</i> , 2018, 48, 614-654. | 6.6 | 189 |
| 65 | Mesophilic and thermophilic anaerobic co-digestion of winery wastewater sludge and wine lees: An integrated approach for sustainable wine production. <i>Journal of Environmental Management</i> , 2017, 203, 745-752. | 3.8 | 45 |
| 66 | Full scale co-digestion of wastewater sludge and food waste: Bottlenecks and possibilities. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 72, 354-362. | 8.2 | 239 |
| 67 | Development and application of an automatic feeding control to manage anaerobic co-digestion of winery wastes. <i>Journal of Cleaner Production</i> , 2017, 161, 75-83. | 4.6 | 3 |
| 68 | Co-digestion of the organic fraction of municipal solid waste and sludge improves the energy balance of wastewater treatment plants: Rovereto case study. <i>Renewable Energy</i> , 2017, 113, 980-988. | 4.3 | 65 |
| 69 | Decentralised schemes for integrated management of wastewater and domestic organic waste: the case of a small community. <i>Journal of Environmental Management</i> , 2017, 203, 732-740. | 3.8 | 17 |
| 70 | Editorial - Waste management. <i>Journal of Environmental Management</i> , 2017, 203, 619-620. | 3.8 | 2 |
| 71 | Is SCENA a good approach for side-stream integrated treatment from an environmental and economic point of view?. <i>Water Research</i> , 2017, 125, 478-489. | 5.3 | 33 |
| 72 | Biogas from Residual Grass: A Territorial Approach for Sustainable Bioenergy Production. <i>Waste and Biomass Valorization</i> , 2017, 8, 2747-2756. | 1.8 | 21 |

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|----|---|-----|-----------|
| 73 | Pilot scale fermentation coupled with anaerobic digestion of food waste - Effect of dynamic digestate recirculation. <i>Renewable Energy</i> , 2017, 114, 455-463. | 4.3 | 61 |
| 74 | Technical and environmental evaluation of an integrated scheme for the co-treatment of wastewater and domestic organic waste in small communities. <i>Water Research</i> , 2017, 109, 173-185. | 5.3 | 20 |
| 75 | Influence of temperature and hydraulic retention on the production of volatile fatty acids during anaerobic fermentation of cow manure and maize silage. <i>Bioresource Technology</i> , 2017, 223, 59-64. | 4.8 | 88 |
| 76 | Microalgae Cultivation on Anaerobic Digestate of Municipal Wastewater, Sewage Sludge and Agro-Waste. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1692. | 1.8 | 74 |
| 77 | A novel scheme for denitrifying biological phosphorus removal via nitrite from nutrient-rich anaerobic effluents in a short-cut sequencing batch reactor. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 190-197. | 1.6 | 7 |
| 78 | Renewable energy from thermophilic anaerobic digestion of winery residue: Preliminary evidence from batch and continuous lab-scale trials. <i>Biomass and Bioenergy</i> , 2016, 91, 150-159. | 2.9 | 54 |
| 79 | Changes in microbial community during hydrogen and methane production in two-stage thermophilic anaerobic co-digestion process from biowaste. <i>Waste Management</i> , 2016, 49, 40-46. | 3.7 | 98 |
| 80 | Performance and energy aspects of single and two phase thermophilic anaerobic digestion of waste activated sludge. <i>Renewable Energy</i> , 2016, 86, 1324-1331. | 4.3 | 79 |
| 81 | Mesophilic and thermophilic anaerobic digestion of the liquid fraction of pressed biowaste for high energy yields recovery. <i>Waste Management</i> , 2016, 48, 227-235. | 3.7 | 65 |
| 82 | Two-Phase Anaerobic Digestion of Food Wastes for Hydrogen and Methane Production. <i>Green Energy and Technology</i> , 2016, , 75-90. | 0.4 | 6 |
| 83 | Mitigating off-gas emissions in the biological nitrogen removal via nitrite process treating anaerobic effluents. <i>Journal of Cleaner Production</i> , 2015, 93, 126-133. | 4.6 | 32 |
| 84 | Nutrient removal via nitrite from reject water and polyhydroxyalkanoate (PHA) storage during nitrifying conditions. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 1802-1810. | 1.6 | 17 |
| 85 | Nano-occurrence and removal of PCBs within the Europe's largest petrochemical MBR system. <i>Water Research</i> , 2015, 83, 329-336. | 5.3 | 14 |
| 86 | Harmonization of the quantitative determination of volatile fatty acids profile in aqueous matrix samples by direct injection using gas chromatography and high-performance liquid chromatography techniques: Multi-laboratory validation study. <i>Journal of Chromatography A</i> , 2015, 1413, 94-106. | 1.8 | 25 |
| 87 | Development of a Novel Process Integrating the Treatment of Sludge Reject Water and the Production of Polyhydroxyalkanoates (PHAs). <i>Environmental Science & Technology</i> , 2015, 49, 10877-10885. | 4.6 | 66 |
| 88 | Analysis of Meso/Thermo AD Process Applied to Pressed Biowaste. <i>Waste and Biomass Valorization</i> , 2015, 6, 723-731. | 1.8 | 6 |
| 89 | Current status in wastewater treatment, reuse and research in some mediterranean countries. <i>Desalination and Water Treatment</i> , 2015, 53, 2015-2030. | 1.0 | 60 |
| 90 | Treatment of waste activated sludge together with agro-waste by anaerobic digestion: focus on effluent quality. <i>Water Science and Technology</i> , 2014, 69, 525-531. | 1.2 | 15 |

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|-----|--|-----|-----------|
| 91 | Anaerobic co-digestion of winery waste and waste activated sludge: assessment of process feasibility. <i>Water Science and Technology</i> , 2014, 69, 269-277. | 1.2 | 22 |
| 92 | Method for technical, economic and environmental assessment of advanced sludge processing routes. <i>Water Science and Technology</i> , 2014, 69, 2407-2416. | 1.2 | 14 |
| 93 | Biological nutrients removal from the supernatant originating from the anaerobic digestion of the organic fraction of municipal solid waste. <i>Critical Reviews in Biotechnology</i> , 2014, 34, 244-257. | 5.1 | 41 |
| 94 | Use of external carbon sources derived from biowaste for short-cut nutrient removal from anaerobic effluents. <i>Water Science and Technology</i> , 2014, 69, 1853-1858. | 1.2 | 4 |
| 95 | Winery waste recycling through anaerobic co-digestion with waste activated sludge. <i>Waste Management</i> , 2014, 34, 2028-2035. | 3.7 | 48 |
| 96 | Automatic process control for stable bio-hythane production in two-phase thermophilic anaerobic digestion of food waste. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 17563-17572. | 3.8 | 90 |
| 97 | Inhibition of biomass activity in the via nitrite nitrogen removal processes by veterinary pharmaceuticals. <i>Bioresource Technology</i> , 2014, 152, 477-483. | 4.8 | 30 |
| 98 | Life cycle assessment of nutrient removal technologies for the treatment of anaerobic digestion supernatant and its integration in a wastewater treatment plant. <i>Science of the Total Environment</i> , 2014, 490, 871-879. | 3.9 | 78 |
| 99 | Are centralized MBRs coping with the current transition of large petrochemical areas? A pilot study in Porto-Marghera (Venice). <i>Chemical Engineering Journal</i> , 2013, 214, 68-77. | 6.6 | 17 |
| 100 | Mesophilic and thermophilic anaerobic co-digestion of waste activated sludge and source sorted biowaste in pilot- and full-scale reactors. <i>Renewable Energy</i> , 2013, 55, 260-265. | 4.3 | 172 |
| 101 | Biohydrogen production from food waste in batch and semi-continuous conditions: Evaluation of a two-phase approach with digestate recirculation for pH control. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 4351-4360. | 3.8 | 57 |
| 102 | Role and characteristics of problematic biofilms within the removal and mobility of trace metals in a pilot-scale membrane bioreactor. <i>Process Biochemistry</i> , 2013, 48, 1757-1766. | 1.8 | 17 |
| 103 | Biological nutrients removal via nitrite from the supernatant of anaerobic co-digestion using a pilot-scale sequencing batch reactor operating under transient conditions. <i>Chemical Engineering Journal</i> , 2013, 230, 595-604. | 6.6 | 33 |
| 104 | Co-digestion of livestock effluents, energy crops and agro-waste: Feeding and process optimization in mesophilic and thermophilic conditions. <i>Bioresource Technology</i> , 2013, 128, 612-618. | 4.8 | 109 |
| 105 | Effect of trace element supplementation on the mesophilic anaerobic digestion of foodwaste in batch trials: The influence of inoculum origin. <i>Biochemical Engineering Journal</i> , 2013, 70, 71-77. | 1.8 | 158 |
| 106 | Processes comparison for nickel and chrome removal from urban landfill leachate. <i>Desalination and Water Treatment</i> , 2012, 50, 132-139. | 1.0 | 4 |
| 107 | Two-Stage Start-Up to Achieve the Stable via-Nitrite Pathway in a Demonstration SBR for Anaerobic Codigestate Treatment. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 15423-15430. | 1.8 | 11 |
| 108 | Tracing pharmaceuticals in a municipal plant for integrated wastewater and organic solid waste treatment. <i>Science of the Total Environment</i> , 2012, 433, 352-361. | 3.9 | 84 |

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|-----|--|-----|-----------|
| 109 | High rate mesophilic, thermophilic, and temperature phased anaerobic digestion of waste activated sludge: A pilot scale study. <i>Waste Management</i> , 2012, 32, 1196-1201. | 3.7 | 108 |
| 110 | Bio-hythane production from food waste by dark fermentation coupled with anaerobic digestion process: A long-term pilot scale experience. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 11549-11555. | 3.8 | 175 |
| 111 | Progress in real-time control applied to biological nitrogen removal from wastewater. A short-review. <i>Desalination</i> , 2012, 286, 1-7. | 4.0 | 80 |
| 112 | Cycling batch vs continuous enrichment of endogenous nitrifiers in membrane bioreactors treating petrochemical wastewater. <i>Desalination and Water Treatment</i> , 2011, 35, 131-137. | 1.0 | 3 |
| 113 | Fate of aromatic hydrocarbons in Italian municipal wastewater systems: An overview of wastewater treatment using conventional activated-sludge processes (CASP) and membrane bioreactors (MBRs). <i>Water Research</i> , 2011, 45, 93-104. | 5.3 | 126 |
| 114 | Anaerobic Digestion of the Organic Fraction of Municipal Solid Waste for Methane Production. , 2011, , 463-472. | | 7 |
| 115 | Optimization of two-phase thermophilic anaerobic digestion of biowaste for hydrogen and methane production through reject water recirculation. <i>Bioresource Technology</i> , 2011, 102, 8605-8611. | 4.8 | 166 |
| 116 | Two-phase thermophilic anaerobic digestion process for biohythane production treating biowaste: preliminary results. <i>Water Science and Technology</i> , 2011, 64, 715-721. | 1.2 | 23 |
| 117 | Anaerobic Digestion of the Organic Fraction of Municipal Solid Waste for Methane Production: Research and Industrial Application. , 2011, , 411-420. | | 1 |
| 118 | Two-phase thermophilic anaerobic digestion of biowaste for bio-hythane production: Yields and feasibility of the process. <i>Journal of Biotechnology</i> , 2010, 150, 162-162. | 1.9 | 1 |
| 119 | Application of membrane bioreactor technology for wastewater treatment and reuse in the Mediterranean region: Focusing on removal efficiency of non-conventional pollutants. <i>Journal of Environmental Management</i> , 2010, 91, 2424-2431. | 3.8 | 50 |
| 120 | Thermophilic anaerobic co-digestion of cattle manure with agro-wastes and energy crops: Comparison of pilot and full scale experiences. <i>Bioresource Technology</i> , 2010, 101, 545-550. | 4.8 | 172 |
| 121 | Poly-chlorinated dibenzo-p-dioxins, dibenzo-furans and dioxin-like poly-chlorinated biphenyls occurrence and removal in conventional and membrane activated sludge processes. <i>Bioresource Technology</i> , 2010, 101, 9445-9454. | 4.8 | 18 |
| 122 | High-rate anaerobic treatment of Fischerâ€™Tropsch wastewater in a packed-bed biofilm reactor. <i>Water Research</i> , 2010, 44, 2745-2752. | 5.3 | 53 |
| 123 | Application of a membrane bioreactor for winery wastewater treatment. <i>Water Science and Technology</i> , 2010, 62, 2754-2759. | 1.2 | 33 |
| 124 | Membrane BioReactors: A Cost-Effective Solution to Enhance the Removal of Xenobiotics from Urban Wastewaters?. <i>Environmental Pollution</i> , 2010, , 339-354. | 0.4 | 1 |
| 125 | Carbon footprint of aerobic biological treatment of winery wastewater. <i>Water Science and Technology</i> , 2009, 60, 1185-1189. | 1.2 | 14 |
| 126 | Defining the biomethane potential (BMP) of solid organic wastes and energy crops: a proposed protocol for batch assays. <i>Water Science and Technology</i> , 2009, 59, 927-934. | 1.2 | 1,417 |

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|-----|---|-----|-----------|
| 127 | Long-term experience with an automatic process control for nitrogen removal in membrane bioreactors. <i>Desalination</i> , 2008, 227, 72-84. | 4.0 | 17 |
| 128 | Occurrence and fate of heavy metals in large wastewater treatment plants treating municipal and industrial wastewaters. <i>Water Science and Technology</i> , 2008, 57, 1329-1336. | 1.2 | 39 |
| 129 | Alternate Cycles Process for Municipal WWTPs Upgrading: Ready for Widespread Application?. <i>Industrial & Engineering Chemistry Research</i> , 2008, 47, 4387-4393. | 1.8 | 15 |
| 130 | Switching small WWTPs from extended to intermittent aeration: process behaviour and performances. <i>Water Science and Technology</i> , 2008, 58, 865-872. | 1.2 | 13 |
| 131 | Treatment of food processing wastewater. , 2007, , 573-596. | | 4 |
| 132 | Anaerobic co-digestion of sludge with other organic wastes in small wastewater treatment plants: an economic considerations evaluation. <i>Water Science and Technology</i> , 2007, 56, 45-53. | 1.2 | 100 |
| 133 | Application of food waste disposers and alternate cycles process in small-decentralized towns: A case study. <i>Water Research</i> , 2007, 41, 893-903. | 5.3 | 58 |
| 134 | Two-Phase Anaerobic Digestion of Waste Activated Sludge:Â Effect of an Extreme Thermophilic Prefermentation. <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 6650-6655. | 1.8 | 75 |
| 135 | Treatment of winery wastewater in a conventional municipal activated sludge process: five years of experience. <i>Water Science and Technology</i> , 2007, 56, 79-87. | 1.2 | 15 |
| 136 | Operation and Maintenance of Full-Scale Municipal Membrane Biological Reactors:â€ A Detailed Overview on a Case Study. <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 6688-6695. | 1.8 | 23 |
| 137 | Micropollutants Removal and Operating Strategies in Ultrafiltration Membrane Systems for Municipal Wastewater Treatment:â€ Preliminary Results. <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 6716-6723. | 1.8 | 22 |
| 138 | Phosphorus Removal from Anaerobic Supernatants:Â Start-Up and Steady-State Conditions of a Fluidized Bed Reactor Full-Scale Plant. <i>Industrial & Engineering Chemistry Research</i> , 2006, 45, 663-669. | 1.8 | 30 |
| 139 | Dry anaerobic digestion of differently sorted organic municipal solid waste: a full-scale experience. <i>Water Science and Technology</i> , 2006, 53, 23-32. | 1.2 | 158 |
| 140 | Phosphogypsum Leachate:â€ Treatment Feasibility in a Membrane Plant. <i>Industrial & Engineering Chemistry Research</i> , 2006, 45, 6504-6511. | 1.8 | 14 |
| 141 | Anaerobic codigestion of waste activated sludge and OFMSW: the experiences of Viareggio and Treviso plants (Italy). <i>Water Science and Technology</i> , 2006, 53, 203-211. | 1.2 | 192 |
| 142 | Anaerobic co-digestion of sludge with other organic wastes and phosphorus reclamation in wastewater treatment plants for biological nutrients removal. <i>Water Science and Technology</i> , 2006, 53, 177-186. | 1.2 | 32 |
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