

Michael E Kornaros

List of Publications by Year in descending order

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128
papers

6,262
citations

66343

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74
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132
all docs

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docs citations

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times ranked

6183
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Treatment of dairy wastewater by microalgae <i>Chlorella vulgaris</i> for biofuels production. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 3259-3265. | 4.6 | 11 |
| 2 | Bioactive compounds from microalgae cultivated in wastewaters. , 2022, , 177-202. | | 5 |
| 3 | Wastewater treatment coupled to algal biomass production. , 2022, , 203-230. | | 1 |
| 4 | Thermophilic anaerobic digestion of olive mill wastewater in an upflow packed bed reactor: Evaluation of 16S rRNA amplicon sequencing for microbial analysis. <i>Journal of Environmental Management</i> , 2022, 301, 113853. | 7.8 | 13 |
| 5 | Agricultural and livestock sector's residues in Greece & China: Comparative qualitative and quantitative characterization for assessing their potential for biogas production. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 154, 111821. | 16.4 | 62 |
| 6 | Development of a high-rate anaerobic thermophilic upflow packed bed reactor for efficient bioconversion of diluted three-phase olive mill wastewater into methane. <i>Fuel</i> , 2022, 310, 122263. | 6.4 | 14 |
| 7 | Utilization of the microalga <i>Scenedesmus quadricauda</i> for hexavalent chromium bioremediation and biodiesel production. <i>Bioresource Technology</i> , 2022, 346, 126665. | 9.6 | 25 |
| 8 | Assessment of substrate load and process pH for bioethanol production – Development of a kinetic model. <i>Fuel</i> , 2022, 313, 123007. | 6.4 | 8 |
| 9 | Performance evaluation of three mesophilic upflow anaerobic sludge blanket bioreactors treating olive mill wastewater: Flocculent and granular inocula tests, organic loading rate effect and anaerobic consortia structure. <i>Fuel</i> , 2022, 313, 122951. | 6.4 | 10 |
| 10 | Thermophilic Dark Fermentation of Olive Mill Wastewater in Batch Reactors: Effect of pH and Organic Loading. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2881. | 2.5 | 6 |
| 11 | Phosphorus and potassium recovery from anaerobically digested olive mill wastewater using modified zeolite, fly ash and zeolitic fly ash: a comparative study. <i>Journal of Chemical Technology and Biotechnology</i> , 2022, 97, 1860-1873. | 3.2 | 5 |
| 12 | Biochemical methane potential of most promising agricultural residues in Northern and Southern Greece. <i>Chemosphere</i> , 2022, 296, 133985. | 8.2 | 16 |
| 13 | Ultrasound-Assisted Extraction of <i>Nannochloropsis oculata</i> with Ethanol and Betaine: 1,2-Propanediol Eutectic Solvent for Antioxidant Pigment-Rich Extracts Retaining Nutritious the Residual Biomass. <i>Antioxidants</i> , 2022, 11, 1103. | 5.1 | 13 |
| 14 | Biopolymers production from microalgae and cyanobacteria cultivated in wastewater: Recent advances. <i>Biotechnology Advances</i> , 2022, 60, 107999. | 11.7 | 40 |
| 15 | Microalgae as a Renewable Resource for Bioplastic Production. Impact of Meat Consumption on Health and Environmental Sustainability, 2022, , 471-500. | 0.4 | 2 |
| 16 | Dilute acid pretreatment of <i>Hippophae rhamnoides</i> prunings towards their biotechnological exploitation through anaerobic digestion. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 4585-4597. | 4.6 | 3 |
| 17 | Exploring the Potential of Algae in the Mitigation of Plastic Pollution in Aquatic Environments. Impact of Meat Consumption on Health and Environmental Sustainability, 2022, , 501-523. | 0.4 | 2 |
| 18 | Polyhydroxyalkanoates (PHAs) Production From Microalgae Cultivated in Wastewater. Impact of Meat Consumption on Health and Environmental Sustainability, 2022, , 585-609. | 0.4 | 2 |

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|----|---|------|-----------|
| 19 | Hydrogen and Methane Production from Anaerobic Co-Digestion of Sorghum and Cow Manure: Effect of pH and Hydraulic Retention Time. <i>Fermentation</i> , 2022, 8, 304. | 3.0 | 9 |
| 20 | Comparative Assessment of Nitrogen Concentration Effect on Microalgal Growth and Biochemical Characteristics of Two <i>Chlorella</i> Strains Cultivated in Digestate. <i>Marine Drugs</i> , 2022, 20, 415. | 4.6 | 7 |
| 21 | Total Phenolic Content, Biomass Composition, and Antioxidant Activity of Selected Marine Microalgal Species with Potential as Aquaculture Feed. <i>Antioxidants</i> , 2022, 11, 1320. | 5.1 | 18 |
| 22 | The efficiency of microalgae-based remediation as a green process for industrial wastewater treatment. <i>Algal Research</i> , 2022, 66, 102775. | 4.6 | 9 |
| 23 | Used Disposable Nappies: environmental burden or resource for biofuel production and material recovery?. <i>Resources, Conservation and Recycling</i> , 2022, 185, 106493. | 10.8 | 3 |
| 24 | Valorizing lignin-like dyes and textile dyeing wastewater by a newly constructed lipid-producing and lignin modifying oleaginous yeast consortium valued for biodiesel and bioremediation. <i>Journal of Hazardous Materials</i> , 2021, 403, 123575. | 12.4 | 65 |
| 25 | Olive Mill Wastewater (OMW) Polyphenols Adsorption onto Polymeric Resins: Part I Batch Anaerobic Digestion of OMW. <i>Waste and Biomass Valorization</i> , 2021, 12, 2271-2281. | 3.4 | 28 |
| 26 | Assessing the potential of <i>Chlorella vulgaris</i> for valorization of liquid digestates from agro-industrial and municipal organic wastes in a biorefinery approach. <i>Journal of Cleaner Production</i> , 2021, 280, 124352. | 9.3 | 45 |
| 27 | A nappies management by-product for the treatment of uranium-contaminated waters. <i>Journal of Hazardous Materials</i> , 2021, 404, 124147. | 12.4 | 16 |
| 28 | Biodegradation of creosote-treated wood by two novel constructed microbial consortia for the enhancement of methane production. <i>Bioresource Technology</i> , 2021, 323, 124544. | 9.6 | 26 |
| 29 | Used disposable nappies and expired food products co-digestion: A pilot-scale system assessment. <i>Renewable Energy</i> , 2021, 165, 109-117. | 8.9 | 7 |
| 30 | Expired food products and used disposable adult nappies mesophilic anaerobic co-digestion: Biochemical methane potential, feedstock pretreatment and two-stage system performance. <i>Renewable Energy</i> , 2021, 168, 309-318. | 8.9 | 14 |
| 31 | The application of pine-based adsorbents to remove potentially toxic elements from aqueous solutions. , 2021, , 113-133. | | 12 |
| 32 | Coupling azo dye degradation and biodiesel production by manganese-dependent peroxidase producing oleaginous yeasts isolated from wood-feeding termite gut symbionts. <i>Biotechnology for Biofuels</i> , 2021, 14, 61. | 6.2 | 56 |
| 33 | Effect of pH on the Economic Potential of Dark Fermentation Products from Used Disposable Nappies and Expired Food Products. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4099. | 2.5 | 12 |
| 34 | Dark Fermentation of Sweet Sorghum Stalks, Cheese Whey and Cow Manure Mixture: Effect of pH, Pretreatment and Organic Load. <i>Processes</i> , 2021, 9, 1017. | 2.8 | 15 |
| 35 | Degradation of conventional plastic wastes in the environment: A review on current status of knowledge and future perspectives of disposal. <i>Science of the Total Environment</i> , 2021, 771, 144719. | 8.0 | 258 |
| 36 | Life cycle assessment of the anaerobic co-digestion of used disposable nappies and expired food products. <i>Journal of Cleaner Production</i> , 2021, 304, 127118. | 9.3 | 6 |

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|----|--|------|-----------|
| 37 | Plastic wastes biodegradation: Mechanisms, challenges and future prospects. <i>Science of the Total Environment</i> , 2021, 780, 146590. | 8.0 | 173 |
| 38 | Assessment of Single- vs. Two-Stage Process for the Anaerobic Digestion of Liquid Cow Manure and Cheese Whey. <i>Energies</i> , 2021, 14, 5423. | 3.1 | 17 |
| 39 | Recovery of Water from Secondary Effluent through Pilot Scale Ultrafiltration Membranes: Implementation at Patrasâ€™ Wastewater Treatment Plant. <i>Membranes</i> , 2021, 11, 663. | 3.0 | 6 |
| 40 | Wastewater-based microalgal biorefineries for the production of astaxanthin and co-products: Current status, challenges and future perspectives. <i>Bioresource Technology</i> , 2021, 342, 126018. | 9.6 | 22 |
| 41 | Artificial neural network (ANN) approach to optimize cultivation conditions of microalga <i>Chlorella vulgaris</i> in view of biodiesel production. <i>Biochemical Engineering Journal</i> , 2021, 173, 108072. | 3.6 | 29 |
| 42 | Construction of a novel microbial consortium valued for the effective degradation and detoxification of creosote-treated sawdust along with enhanced methane production. <i>Journal of Hazardous Materials</i> , 2021, 418, 126091. | 12.4 | 25 |
| 43 | Nanobiotechnological advancements in agriculture and food industry: Applications, nanotoxicity, and future perspectives. <i>Science of the Total Environment</i> , 2021, 792, 148359. | 8.0 | 92 |
| 44 | Wood-feeding termite gut symbionts as an obscure yet promising source of novel manganese peroxidase-producing oleaginous yeasts intended for azo dye decolorization and biodiesel production. <i>Biotechnology for Biofuels</i> , 2021, 14, 229. | 6.2 | 21 |
| 45 | Used disposable nappies and expired food products valorisation through one- & two-stage anaerobic co-digestion. <i>Renewable Energy</i> , 2020, 147, 610-619. | 8.9 | 43 |
| 46 | Two-stage anaerobic digestion harnesses more energy from the co-digestion of end-of-life dairy products with agro-industrial waste compared to the single-stage process. <i>Biochemical Engineering Journal</i> , 2020, 153, 107404. | 3.6 | 27 |
| 47 | Effect of pH on the Anaerobic Fermentation of Fruit/Vegetables and Disposable Nappies Hydrolysate for Bio-hydrogen Production. <i>Waste and Biomass Valorization</i> , 2020, 11, 539-551. | 3.4 | 23 |
| 48 | Construction of novel microbial consortia CS-5 and BC-4 valued for the degradation of catalpa sawdust and chlorophenols simultaneously with enhancing methane production. <i>Bioresource Technology</i> , 2020, 301, 122720. | 9.6 | 50 |
| 49 | Calcium-modified clinoptilolite as a recovery medium of phosphate and potassium from anaerobically digested olive mill wastewater. <i>Environmental Science and Pollution Research</i> , 2020, 27, 2977-2991. | 5.3 | 8 |
| 50 | Effect of nitrogen concentration on the growth rate and biochemical composition of the microalga, <i>Isochrysis galbana</i> . <i>Egyptian Journal of Aquatic Research</i> , 2020, 46, 153-158. | 2.2 | 100 |
| 51 | Biodegradation of Polyphenolic Compounds from Olive Mill Wastewaters (OMW) During Two-Stage Anaerobic Co-digestion of Agro-industrial Mixtures. <i>Waste and Biomass Valorization</i> , 2020, 11, 5783-5791. | 3.4 | 20 |
| 52 | Biodegradation of olive mill wastewater phenolic compounds in a thermophilic anaerobic upflow packed bed reactor and assessment of their toxicity in digester effluents. <i>Journal of Environmental Management</i> , 2020, 255, 109882. | 7.8 | 25 |
| 53 | Microalgal Biorefinery. , 2020 , 163-185. | | 8 |
| 54 | Microalgae-based Remediation of Wastewaters. , 2020 , 317-335. | | 11 |

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|----|---|------|-----------|
| 55 | Composting of anaerobic sludge from the co-digestion of used disposable nappies and expired food products. <i>Waste Management</i> , 2020, 118, 655-666. | 7.4 | 15 |
| 56 | Assessing the Economic Viability of an Animal Byproduct Rendering Plant: Case Study of a Slaughterhouse in Greece. <i>Sustainability</i> , 2020, 12, 5870. | 3.2 | 7 |
| 57 | Pretreatment of used disposable nappies: Super absorbent polymer deswelling. <i>Waste Management</i> , 2020, 112, 20-29. | 7.4 | 19 |
| 58 | Enhanced anaerobic digestion performance by two artificially constructed microbial consortia capable of woody biomass degradation and chlorophenols detoxification. <i>Journal of Hazardous Materials</i> , 2020, 389, 122076. | 12.4 | 47 |
| 59 | Molecular characterization of virulence and drug resistance genes-producing <i>Escherichia coli</i> isolated from chicken meat: Metal oxide nanoparticles as novel antibacterial agents. <i>Microbial Pathogenesis</i> , 2020, 143, 104164. | 2.9 | 21 |
| 60 | Polymeric Nanoparticles of <i>Pistacia lentiscus</i> var. <i>chia</i> Essential Oil for Cutaneous Applications. <i>Pharmaceutics</i> , 2020, 12, 353. | 4.5 | 18 |
| 61 | Life cycle assessment (LCA) of end-of-life dairy products (EoLDPs) valorization via anaerobic co-digestion with agroindustrial wastes for biogas production. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 3687-3697. | 3.2 | 4 |
| 62 | Inoculum origin and waste solid content influence the biochemical methane potential of olive mill wastewater under mesophilic and thermophilic conditions. <i>Biochemical Engineering Journal</i> , 2019, 151, 107301. | 3.6 | 20 |
| 63 | Effects of <i>Burkholderia thailandensis</i> rhamnolipids on the unicellular algae <i>Dunaliella tertiolecta</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 182, 109413. | 6.0 | 7 |
| 64 | Effect of organic carbon and nutrient supplementation on the digestate-grown microalga, <i>Parachlorella kessleri</i> . <i>Bioresource Technology</i> , 2019, 294, 122232. | 9.6 | 15 |
| 65 | <i>Chlorella vulgaris</i> as a green biofuel factory: Comparison between biodiesel, biogas and combustible biomass production. <i>Bioresource Technology</i> , 2019, 273, 237-243. | 9.6 | 63 |
| 66 | Sequential cultivation of microalgae in raw and recycled dairy wastewater: Microalgal growth, wastewater treatment and biochemical composition. <i>Bioresource Technology</i> , 2019, 273, 556-564. | 9.6 | 148 |
| 67 | The utilization of leaf-based adsorbents for dyes removal: A review. <i>Journal of Molecular Liquids</i> , 2019, 276, 728-747. | 4.9 | 312 |
| 68 | Anaerobic co-digestion of End-of-Life dairy products with agroindustrial wastes in a mesophilic pilot-scale two-stage system: Assessment of system's performance. <i>Energy Conversion and Management</i> , 2018, 165, 851-860. | 9.2 | 17 |
| 69 | Investigation on the feasibility of <i>Chlorella vulgaris</i> cultivation in a mixture of pulp and aquaculture effluents: Treatment of wastewater and lipid extraction. <i>Bioresource Technology</i> , 2018, 255, 104-110. | 9.6 | 95 |
| 70 | Selection of microalgae intended for valorization of digestate from agro-waste mixtures. <i>Waste Management</i> , 2018, 73, 123-129. | 7.4 | 43 |
| 71 | Bio-Based Products from Microalgae Cultivated in Digestates. <i>Trends in Biotechnology</i> , 2018, 36, 819-833. | 9.3 | 138 |
| 72 | Gate-to-gate life cycle assessment of biosurfactants and bioplasticizers production via biotechnological exploitation of fats and waste oils. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 2833-2841. | 3.2 | 36 |

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|----|---|------|-----------|
| 73 | Aloe vera waste biomass-based adsorbents for the removal of aquatic pollutants: A review. <i>Journal of Environmental Management</i> , 2018, 227, 354-364. | 7.8 | 110 |
| 74 | A review on halloysite-based adsorbents to remove pollutants in water and wastewater. <i>Journal of Molecular Liquids</i> , 2018, 269, 855-868. | 4.9 | 150 |
| 75 | Biogas production from energy crops in northern Greece: economics of electricity generation associated with heat recovery in a greenhouse. <i>Clean Technologies and Environmental Policy</i> , 2017, 19, 1147-1167. | 4.1 | 13 |
| 76 | Kinetics of growth and lipids accumulation in <i>Chlorella vulgaris</i> during batch heterotrophic cultivation: Effect of different nutrient limitation strategies. <i>Bioresource Technology</i> , 2017, 243, 356-365. | 9.6 | 44 |
| 77 | Integrated Biorefinery Approach for the Valorization of Olive Mill Waste Streams Towards Sustainable Biofuels and Bio-Based Products. , 2017, , 211-238. | | 7 |
| 78 | Microalgal post-treatment of anaerobically digested agro-industrial wastes for nutrient removal and lipids production. <i>Bioresource Technology</i> , 2017, 224, 473-480. | 9.6 | 34 |
| 79 | Evaluation of a battery of marine species-based bioassays against raw and treated municipal wastewaters. <i>Journal of Hazardous Materials</i> , 2017, 321, 537-546. | 12.4 | 10 |
| 80 | Multipurpose, Integrated 2nd Generation Biorefineries. <i>BioMed Research International</i> , 2016, 2016, 1-2. | 1.9 | 2 |
| 81 | Effect of pH on Continuous Biohydrogen Production from End-of-Life Dairy Products (EoL-DPs) via Dark Fermentation. <i>Waste and Biomass Valorization</i> , 2016, 7, 753-764. | 3.4 | 31 |
| 82 | Effect of pH on growth and lipid accumulation kinetics of the microalga <i>Chlorella vulgaris</i> grown heterotrophically under sulfur limitation. <i>Bioresource Technology</i> , 2016, 219, 694-701. | 9.6 | 87 |
| 83 | Investigation of olive mill wastewater (OMW) ozonation efficiency with the use of a battery of selected ecotoxicity and human toxicity assays. <i>Aquatic Toxicology</i> , 2015, 164, 135-144. | 4.0 | 23 |
| 84 | Polyhydroxyalkanoates from <i>Pseudomonas</i> sp. using synthetic and olive mill wastewater under limiting conditions. <i>International Journal of Biological Macromolecules</i> , 2015, 74, 202-210. | 7.5 | 60 |
| 85 | Purification of olive mill wastewater phenols through membrane filtration and resin adsorption/desorption. <i>Journal of Hazardous Materials</i> , 2015, 285, 69-76. | 12.4 | 209 |
| 86 | Anaerobic mesophilic co-digestion of ensiled sorghum, cheese whey and liquid cow manure in a two-stage CSTR system: Effect of hydraulic retention time. <i>Bioresource Technology</i> , 2015, 175, 553-562. | 9.6 | 90 |
| 87 | Optimization of thermo-chemical pretreatment and enzymatic hydrolysis of kitchen wastes. <i>Waste Management</i> , 2014, 34, 167-173. | 7.4 | 64 |
| 88 | Effect of pH on the anaerobic acidogenesis of agroindustrial wastewaters for maximization of bio-hydrogen production: A lab-scale evaluation using batch tests. <i>Bioresource Technology</i> , 2014, 162, 218-227. | 9.6 | 104 |
| 89 | Effect of hydraulic retention time (HRT) on the anaerobic co-digestion of agro-industrial wastes in a two-stage CSTR system. <i>Bioresource Technology</i> , 2014, 167, 407-415. | 9.6 | 129 |
| 90 | Optimization of thermo-chemical hydrolysis of kitchen wastes. <i>Waste Management</i> , 2013, 33, 740-745. | 7.4 | 98 |

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|-----|--|------|-----------|
| 91 | Ozone pretreatment of olive mill wastewaters (OMW) and its effect on OMW biochemical methane potential (BMP). <i>Water Science and Technology</i> , 2013, 68, 2712-2717. | 2.5 | 8 |
| 92 | Olive oil mill wastewater toxicity in the marine environment: Alterations of stress indices in tissues of mussel <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , 2011, 101, 358-366. | 4.0 | 98 |
| 93 | Illegal trawling and induced invasive algal spread as collaborative factors in a <i>Posidonia oceanica</i> meadow degradation. <i>Biological Invasions</i> , 2011, 13, 669-678. | 2.4 | 38 |
| 94 | Exploitation of olive mill wastewater and liquid cow manure for biogas production. <i>Waste Management</i> , 2010, 30, 1841-1848. | 7.4 | 57 |
| 95 | Partial Nitrification/Denitrification Can Be Attributed to the Slow Response of Nitrite Oxidizing Bacteria to Periodic Anoxic Disturbances. <i>Environmental Science & Technology</i> , 2010, 44, 7245-7253. | 10.0 | 154 |
| 96 | Clay minerals used in sanitary landfills for the retention of organic and inorganic pollutants. <i>Applied Clay Science</i> , 2010, 49, 372-382. | 5.2 | 38 |
| 97 | On the fate of LAS, NPEOs and DEHP in municipal sewage sludge during composting. <i>Bioresource Technology</i> , 2009, 100, 1634-1642. | 9.6 | 51 |
| 98 | Using cheese whey for hydrogen and methane generation in a two-stage continuous process with alternative pH controlling approaches. <i>Bioresource Technology</i> , 2009, 100, 3713-3717. | 9.6 | 228 |
| 99 | Biogas production from anaerobic co-digestion of agroindustrial wastewaters under mesophilic conditions in a two-stage process. <i>Desalination</i> , 2009, 248, 891-906. | 8.2 | 80 |
| 100 | Production of PHAs from mixed and pure cultures of <i>Pseudomonas</i> sp. using short-chain fatty acids as carbon source under nitrogen limitation. <i>Desalination</i> , 2009, 248, 723-732. | 8.2 | 25 |
| 101 | Exploitation of olive oil mill wastewater for combined biohydrogen and biopolymers production. <i>Bioresource Technology</i> , 2009, 100, 3724-3730. | 9.6 | 157 |
| 102 | Valorisation of wastepaper using the fibrolytic/hydrogen producing bacterium <i>Ruminococcus albus</i> . <i>Bioresource Technology</i> , 2009, 100, 5928-5933. | 9.6 | 30 |
| 103 | Hydrogen production from sugars and sweet sorghum biomass using <i>Ruminococcus albus</i> . <i>International Journal of Hydrogen Energy</i> , 2008, 33, 1153-1163. | 7.1 | 154 |
| 104 | Biohydrogen and Methane Production from Cheese Whey in a Two-Stage Anaerobic Process. <i>Industrial & Engineering Chemistry Research</i> , 2008, 47, 5227-5233. | 3.7 | 158 |
| 105 | A pilot scale study of a sequencing batch reactor treating municipal wastewater operated via the UP-PND process. <i>Water Science and Technology</i> , 2008, 58, 435-438. | 2.5 | 26 |
| 106 | Impacts of a marine fish farm in Argolikos Gulf (Greece) on the water column and the sediment. <i>Desalination</i> , 2007, 210, 110-124. | 8.2 | 51 |
| 107 | On the complete aerobic microbial mineralization of linear alkylbenzene sulfonate. <i>Desalination</i> , 2007, 215, 198-208. | 8.2 | 8 |
| 108 | Matrix effect during the application of a rapid method using HS-SPME followed by GC-ECD for the analysis of 2,4,6-TCA in wine and cork soaks. <i>Food Chemistry</i> , 2007, 105, 681-690. | 8.2 | 34 |

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|-----|--|------|-----------|
| 109 | Development and evaluation of alternative processes for sterilization and deodorization of cork barks and natural cork stoppers. <i>European Food Research and Technology</i> , 2007, 225, 653-663. | 3.3 | 15 |
| 110 | Sensitivity analysis of a biofilm model describing mixed growth of nitrite oxidisers in a CSTR. <i>Water Science and Technology</i> , 2006, 53, 313-320. | 2.5 | 2 |
| 111 | Impact of five selected xenobiotics on isolated ammonium oxidizers and on nitrifying activated sludge. <i>Environmental Toxicology</i> , 2006, 21, 310-316. | 4.0 | 14 |
| 112 | Biological treatment of wastewaters from a dye manufacturing company using a trickling filter. <i>Journal of Hazardous Materials</i> , 2006, 136, 95-102. | 12.4 | 242 |
| 113 | Safe Recycling of Sewage Sludge on Agricultural Land – Biowaste. <i>Chemical Engineering Research and Design</i> , 2006, 84, 253-257. | 5.6 | 12 |
| 114 | Effect of wall growth on the kinetic modeling of nitrite oxidation in a CSTR. <i>Biotechnology and Bioengineering</i> , 2006, 93, 718-726. | 3.3 | 11 |
| 115 | On the occasional biodegradation of pharmaceuticals in the activated sludge process: The example of the antibiotic sulfamethoxazole. <i>Journal of Hazardous Materials</i> , 2005, 122, 259-265. | 12.4 | 183 |
| 116 | On the Impact of Land Application of Secondary Sludge. <i>Water, Air and Soil Pollution</i> , 2004, 4, 349-357. | 0.8 | 4 |
| 117 | Combined chemical and biological treatment of azo dye-containing wastewaters. <i>Chemical Engineering Communications</i> , 2003, 190, 645-661. | 2.6 | 10 |
| 118 | Kinetic modeling of a mixed culture of <i>Pseudomonas Denitrificans</i> and <i>Bacillus subtilis</i> under aerobic and anoxic operating conditions. <i>Water Research</i> , 2003, 37, 1239-1251. | 11.3 | 59 |
| 119 | Removal of phenolics in olive mill wastewaters using the white-rot fungus <i>Pleurotus ostreatus</i> . <i>Water Research</i> , 2002, 36, 4735-4744. | 11.3 | 187 |
| 120 | Î ² -Carotene Production and Its Role in Sclerotial Differentiation of <i>Sclerotium rolfsii</i> . <i>Fungal Genetics and Biology</i> , 2001, 34, 11-20. | 2.1 | 47 |
| 121 | Kinetic modelling of biological phosphorus removal with a pure culture of <i>Acinetobacter</i> sp. under aerobic, anaerobic and transient operating conditions. <i>Water Research</i> , 1999, 33, 2769-2788. | 11.3 | 32 |
| 122 | Adaptive optimization of a nitrifying sequencing batch reactor. <i>Water Research</i> , 1999, 33, 3569-3576. | 11.3 | 22 |
| 123 | Kinetics of p -Aminoazobenzene Degradation by <i>Bacillus subtilis</i> Under Denitrifying Conditions. <i>Water Environment Research</i> , 1999, 71, 323-331. | 2.7 | 7 |
| 124 | Kinetic modelling of <i>pseudomonas denitrificans</i> growth and denitrification under aerobic, anoxic and transient operating conditions. <i>Water Research</i> , 1998, 32, 1912-1922. | 11.3 | 61 |
| 125 | Kinetics of aerobic growth of a denitrifying bacterium, <i>Pseudomonas denitrificans</i> , in the presence of nitrates and/or nitrites. <i>Water Research</i> , 1997, 31, 479-488. | 11.3 | 25 |
| 126 | Pretreatment of azo dyes using ozone. <i>Water Science and Technology</i> , 1997, 36, 155. | 2.5 | 35 |

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|-----|---|-----|-----------|
| 127 | Kinetics of denitrification by <i>Pseudomonas denitrificans</i> under growth conditions limited by carbon and/or nitrate or nitrite. <i>Water Environment Research</i> , 1996, 68, 934-945. | 2.7 | 55 |
| 128 | Nonlinear Reduced-Order Observer Design for State and Disturbance Estimation. , 0, , . | | 4 |