

Fabio Fava

List of Publications by Year in descending order

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174
papers

8,294
citations

44444

50
h-index

71088

80
g-index

175
all docs

175
docs citations

175
times ranked

11145
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Upgrading grape pomace contained ethanol into hexanoic acid, fuel additives and a sticky polyhydroxyalkanoate: an effective alternative to ethanol distillation. <i>Green Chemistry</i> , 2022, 24, 2882-2892. | 4.6 | 10 |
| 2 | Enzymatic Degradation of the Most Common Aliphatic Bio-Polyesters and Evaluation of the Mechanisms Involved: An Extended Study. <i>Polymers</i> , 2022, 14, 1850. | 2.0 | 32 |
| 3 | The bioeconomy in Italy and the new national strategy for a more competitive and sustainable country. <i>New Biotechnology</i> , 2021, 61, 124-136. | 2.4 | 29 |
| 4 | An Overview of the Transition to a Circular Economy in Emilia-Romagna Region, Italy Considering Technological, Legal and Regulatory and Financial Points of View: A Case Study. <i>Sustainability</i> , 2021, 13, 596. | 1.6 | 12 |
| 5 | The role of biotechnology in the transition from plastics to bioplastics: an opportunity to reconnect global growth with sustainability. <i>FEBS Open Bio</i> , 2021, 11, 967-983. | 1.0 | 35 |
| 6 | Improved recovery of carboxylic acids using sequential cationic-anionic adsorption steps: A highly competitive ion-equilibrium model. <i>Separation and Purification Technology</i> , 2021, 261, 118253. | 3.9 | 5 |
| 7 | A Multidisciplinary Perspective of Ultra-Processed Foods and Associated Food Processing Technologies: A View of the Sustainable Road Ahead. <i>Nutrients</i> , 2021, 13, 3948. | 1.7 | 28 |
| 8 | Containment of a genetically modified microorganism by an activated sludge system. <i>New Biotechnology</i> , 2020, 55, 58-64. | 2.4 | 5 |
| 9 | Microbial colonization of different microplastic types and biotransformation of sorbed PCBs by a marine anaerobic bacterial community. <i>Science of the Total Environment</i> , 2020, 705, 135790. | 3.9 | 79 |
| 10 | Mediterranean Sea bacteria as a potential source of long-chain polyunsaturated fatty acids. <i>FEMS Microbiology Letters</i> , 2020, 367, . | 0.7 | 5 |
| 11 | Biodegradation of polyvinyl chloride plastic films by enriched anaerobic marine consortia. <i>Marine Environmental Research</i> , 2020, 158, 104949. | 1.1 | 65 |
| 12 | Mineral-Doped Poly(L-lactide) Acid Scaffolds Enriched with Exosomes Improve Osteogenic Commitment of Human Adipose-Derived Mesenchymal Stem Cells. <i>Nanomaterials</i> , 2020, 10, 432. | 1.9 | 52 |
| 13 | Vascular Wall Mesenchymal Stem Cells Differentiation on 3D Biodegradable Highly Porous CaSi-DCPD Doped Poly (\pm -hydroxy) Acids Scaffolds for Bone Regeneration. <i>Nanomaterials</i> , 2020, 10, 243. | 1.9 | 18 |
| 14 | Ability of <i>Trichoderma hamatum</i> Isolated from Plastics-Polluted Environments to Attack Petroleum-Based, Synthetic Polymer Films. <i>Processes</i> , 2020, 8, 467. | 1.3 | 23 |
| 15 | Biodegradation of oil-based plastics in the environment: Existing knowledge and needs of research and innovation. <i>Science of the Total Environment</i> , 2019, 679, 148-158. | 3.9 | 143 |
| 16 | Biodegradation of mixture of plastic films by tailored marine consortia. <i>Journal of Hazardous Materials</i> , 2019, 375, 33-42. | 6.5 | 91 |
| 17 | Polyvinyl chloride biodegradation by <i>Pseudomonas citronellolis</i> and <i>Bacillus flexus</i> . <i>New Biotechnology</i> , 2019, 52, 35-41. | 2.4 | 147 |
| 18 | Highly porous polycaprolactone scaffolds doped with calcium silicate and dicalcium phosphate dihydrate designed for bone regeneration. <i>Materials Science and Engineering C</i> , 2019, 102, 341-361. | 3.8 | 47 |

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|----|--|------|-----------|
| 19 | Universities, industries and sustainable development: Outcomes of the 2017 G7 Environment Ministerial Meeting. Sustainable Production and Consumption, 2019, 19, 1-10. | 5.7 | 27 |
| 20 | PLA-Based Mineral-Doped Scaffolds Seeded with Human Periapical Cyst-Derived MSCs: A Promising Tool for Regenerative Healing in Dentistry. Materials, 2019, 12, 597. | 1.3 | 74 |
| 21 | EDITORIAL - A SPECIAL ISSUE DEDICATED TO THE 9th INTERNATIONAL CONFERENCE ON ENVIRONMENTAL ENGINEERING AND MANAGEMENT, ICEEM09, 2017 September 6-9, 2017, Bologna, Italy. Environmental Engineering and Management Journal, 2019, 18, 1621-1624. | 0.2 | 0 |
| 22 | Potential use of ricotta cheese whey for the production of lactobionic acid by Pseudomonas taetrolens strains. New Biotechnology, 2018, 42, 71-76. | 2.4 | 34 |
| 23 | Optimization of washing conditions with biogenic mobilizing agents for marine fuel-contaminated beach sands. New Biotechnology, 2018, 43, 13-22. | 2.4 | 11 |
| 24 | The Need of Multidisciplinary Approaches and Engineering Tools for the Development and Implementation of the Smart City Paradigm. Proceedings of the IEEE, 2018, 106, 738-760. | 16.4 | 42 |
| 25 | Polylactic acid-based porous scaffolds doped with calcium silicate and dicalcium phosphate dihydrate designed for biomedical application. Materials Science and Engineering C, 2018, 82, 163-181. | 3.8 | 58 |
| 26 | Cheese whey integrated valorisation: Production, concentration and exploitation of carboxylic acids for the production of polyhydroxyalkanoates by a fed-batch culture. Chemical Engineering Journal, 2018, 336, 47-53. | 6.6 | 78 |
| 27 | Deterioration of irradiation/high-temperature pretreated, linear low-density polyethylene (LLDPE) by Bacillus amyloliquefaciens. International Biodeterioration and Biodegradation, 2018, 132, 259-267. | 1.9 | 62 |
| 28 | Assessment of genetic diversity and bioremediation potential of pseudomonads isolated from pesticide-contaminated artichoke farm soils. 3 Biotech, 2018, 8, 263. | 1.1 | 17 |
| 29 | Effect of oxygen mass transfer rate on the production of 2,3-butanediol from glucose and agro-industrial byproducts by Bacillus licheniformis ATCC9789. Biotechnology for Biofuels, 2018, 11, 145. | 6.2 | 21 |
| 30 | Bacterial polyextremotolerant bioemulsifiers from arid soils improve water retention capacity and humidity uptake in sandy soil. Microbial Cell Factories, 2018, 17, 83. | 1.9 | 20 |
| 31 | Pseudomonas rhizophila S211, a New Plant Growth-Promoting Rhizobacterium with Potential in Pesticide-Bioremediation. Frontiers in Microbiology, 2018, 9, 34. | 1.5 | 74 |
| 32 | EDITORIAL - Green and Circular Economy ECOMONDO 2017 21th International Trade Fair of Material and Energy Recovery and Sustainable Development. Environmental Engineering and Management Journal, 2018, 17, 2285-2286. | 0.2 | 1 |
| 33 | CODEVELOP RESEARCH AND INNOVATION FOR BLUE JOBS AND GROWTH IN THE MEDITERRANEAN - THE BLUEMED INITIATIVE. Environmental Engineering and Management Journal, 2018, 17, 2313-2327. | 0.2 | 0 |
| 34 | Effect of Operational Parameters in the Continuous Anaerobic Fermentation of Cheese Whey on Titters, Yields, Productivities, and Microbial Community Structures. ACS Sustainable Chemistry and Engineering, 2017, 5, 1400-1407. | 3.2 | 55 |
| 35 | Bioremediation advances. New Biotechnology, 2017, 38, 41-42. | 2.4 | 31 |
| 36 | White grape pomace extracts, obtained by a sequential enzymatic plus ethanol-based extraction, exert antioxidant, anti-tyrosinase and anti-inflammatory activities. New Biotechnology, 2017, 39, 51-58. | 2.4 | 55 |

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|----|--|------|-----------|
| 37 | Impact of bio-palladium nanoparticles (bio-Pd NPs) on the activity and structure of a marine microbial community. <i>Environmental Pollution</i> , 2017, 220, 1068-1078. | 3.7 | 25 |
| 38 | Biodegradation of weathered polystyrene films in seawater microcosms. <i>Scientific Reports</i> , 2017, 7, 17991. | 1.6 | 121 |
| 39 | Microplastics Generation: Onset of Fragmentation of Polyethylene Films in Marine Environment Mesocosms. <i>Frontiers in Marine Science</i> , 2017, 4, . | 1.2 | 189 |
| 40 | Development of tailored indigenous marine consortia for the degradation of naturally weathered polyethylene films. <i>PLoS ONE</i> , 2017, 12, e0183984. | 1.1 | 82 |
| 41 | Identification of two organohalide-respiring Dehalococcoidia associated to different dechlorination activities in PCB-impacted marine sediments. <i>Microbial Cell Factories</i> , 2017, 16, 127. | 1.9 | 23 |
| 42 | Marinobacter sp. from marine sediments produce highly stable surface-active agents for combatting marine oil spills. <i>Microbial Cell Factories</i> , 2017, 16, 186. | 1.9 | 32 |
| 43 | EDITORIAL Material & Energy Recovery and Sustainable Development ECOMONDO 2016 20th International Trade Fair of Material & Energy Recovery and Sustainable Development. <i>Environmental Engineering and Management Journal</i> , 2017, 16, 1649-1650. | 0.2 | 0 |
| 44 | High impact biowastes from South European agro-industries as feedstock for second-generation biorefineries. <i>Critical Reviews in Biotechnology</i> , 2016, 36, 175-189. | 5.1 | 49 |
| 45 | Volatile fatty acids recovery from the effluent of an acidogenic digestion process fed with grape pomace by adsorption on ion exchange resins. <i>Chemical Engineering Journal</i> , 2016, 306, 629-639. | 6.6 | 73 |
| 46 | Genomic and phenotypic characterization of the species <i>Acinetobacter venetianus</i> . <i>Scientific Reports</i> , 2016, 6, 21985. | 1.6 | 23 |
| 47 | Recovery of polyphenols from red grape pomace and assessment of their antioxidant and anti-cholesterol activities. <i>New Biotechnology</i> , 2016, 33, 338-344. | 2.4 | 65 |
| 48 | Towards multi-purpose biorefinery platforms for the valorisation of red grape pomace: production of polyphenols, volatile fatty acids, polyhydroxyalkanoates and biogas. <i>Green Chemistry</i> , 2016, 18, 261-270. | 4.6 | 110 |
| 49 | Olive mill wastewater valorisation through phenolic compounds adsorption in a continuous flow column. <i>Chemical Engineering Journal</i> , 2016, 283, 293-303. | 6.6 | 84 |
| 50 | Recent Achievements in the Production of Biobased 1,3-Propanediol. , 2015, , 121-134. | | 1 |
| 51 | Assessment of catalytic dechlorination activity of suspended and immobilized bio-Pd NPs in different marine conditions. <i>Applied Catalysis B: Environmental</i> , 2015, 168-169, 62-67. | 10.8 | 9 |
| 52 | Production of polyhydroxyalkanoates from dephenolised and fermented olive mill wastewaters by employing a pure culture of <i>Cupriavidus necator</i> . <i>Biochemical Engineering Journal</i> , 2015, 97, 92-100. | 1.8 | 42 |
| 53 | Microbial dehalogenation of organohalides in marine and estuarine environments. <i>Current Opinion in Biotechnology</i> , 2015, 33, 287-295. | 3.3 | 99 |
| 54 | Biotechnological applications of extremophiles, extremozymes and extremolytes. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 7907-7913. | 1.7 | 196 |

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|----|--|-----|-----------|
| 55 | In situ groundwater and sediment bioremediation: barriers and perspectives at European contaminated sites. <i>New Biotechnology</i> , 2015, 32, 133-146. | 2.4 | 95 |
| 56 | The role of environmental biotechnology in exploring, exploiting, monitoring, preserving, protecting and decontaminating the marine environment. <i>New Biotechnology</i> , 2015, 32, 157-167. | 2.4 | 48 |
| 57 | Emerging pollutants in the environment: present and future challenges in biomonitoring, ecological risks and bioremediation. <i>New Biotechnology</i> , 2015, 32, 147-156. | 2.4 | 850 |
| 58 | Biowaste biorefinery in Europe: opportunities and research & development needs. <i>New Biotechnology</i> , 2015, 32, 100-108. | 2.4 | 162 |
| 59 | Uncoupled hydrogen and volatile fatty acids generation in a two-step biotechnological anaerobic process fed with actual site wastewater. <i>New Biotechnology</i> , 2015, 32, 341-346. | 2.4 | 8 |
| 60 | Acclimation to hypoxia in <i>Chlamydomonas reinhardtii</i> : can biophotolysis be the major trigger for long-term H ₂ production?. <i>New Phytologist</i> , 2014, 204, 890-900. | 3.5 | 31 |
| 61 | Biodegradation of low-ethoxylated nonylphenols in a bioreactor packed with a new ceramic support (Vukopor Å® S10). <i>Environmental Science and Pollution Research</i> , 2014, 21, 3241-3253. | 2.7 | 1 |
| 62 | Development of an attached-growth process for the on-site bioremediation of an aquifer polluted by chlorinated solvents. <i>Biodegradation</i> , 2014, 25, 337-350. | 1.5 | 17 |
| 63 | Changes in the functional properties of a sandy loam soil amended with biosolids at different application rates. <i>Geoderma</i> , 2014, 221-222, 40-49. | 2.3 | 24 |
| 64 | Application of a molecular based approach for the early detection of short term 3-chloroaniline shock loads on activated sludge bacterial community and functionality. <i>New Biotechnology</i> , 2013, 30, 763-771. | 2.4 | 5 |
| 65 | Electrochemical stimulation of microbial cis-dichloroethene (cis-DCE) oxidation by an ethene-assimilating culture. <i>New Biotechnology</i> , 2013, 30, 749-755. | 2.4 | 40 |
| 66 | Effect of hydraulic retention time on biohydrogen and volatile fatty acids production during acidogenic digestion of dephenolized olive mill wastewaters. <i>Biomass and Bioenergy</i> , 2013, 48, 51-58. | 2.9 | 64 |
| 67 | Biotechnology for the Bio- and Green Economy. <i>New Biotechnology</i> , 2013, 30, 581-584. | 2.4 | 0 |
| 68 | Innovative two-stage anaerobic process for effective codigestion of cheese whey and cattle manure. <i>Bioresource Technology</i> , 2013, 128, 779-783. | 4.8 | 51 |
| 69 | Trichloroethylene aerobic cometabolism by suspended and immobilized butane-growing microbial consortia: A kinetic study. <i>Bioresource Technology</i> , 2013, 144, 529-538. | 4.8 | 26 |
| 70 | Halo-alkalitolerant and thermostable cellulases with improved tolerance to ionic liquids and organic solvents from <i>Paenibacillus tarimensis</i> isolated from the Chott El Fejej, Sahara desert, Tunisia. <i>Bioresource Technology</i> , 2013, 150, 121-128. | 4.8 | 60 |
| 71 | Enzymatic hydrolysis studies on novel eco-friendly aliphatic thiocopolyesters. <i>Polymer Degradation and Stability</i> , 2013, 98, 934-942. | 2.7 | 32 |
| 72 | Environmentally friendly PBS-based copolyesters containing PEG-like subunit: Effect of block length on solid-state properties and enzymatic degradation. <i>Reactive and Functional Polymers</i> , 2013, 73, 764-771. | 2.0 | 59 |

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|----|--|-----|-----------|
| 73 | New advances in the integrated management of food processing by-products in Europe: sustainable exploitation of fruit and cereal processing by-products with the production of new food products (NAMASTE EU). <i>New Biotechnology</i> , 2013, 30, 647-655. | 2.4 | 52 |
| 74 | Environmental conditions and community evenness determine the outcome of biological invasion. <i>Nature Communications</i> , 2013, 4, 1383. | 5.8 | 129 |
| 75 | Bioremediation of Southern Mediterranean oil polluted sites comes of age. <i>New Biotechnology</i> , 2013, 30, 743-748. | 2.4 | 32 |
| 76 | ULIXES, unravelling and exploiting Mediterranean Sea microbial diversity and ecology for xenobiotics and pollutants clean up. <i>Reviews in Environmental Science and Biotechnology</i> , 2012, 11, 207-211. | 3.9 | 12 |
| 77 | Biotechnology for a more sustainable environment decontamination and energy production. <i>Journal of Biotechnology</i> , 2012, 157, 443-445. | 1.9 | 3 |
| 78 | Influence of chemical and architectural modifications on the enzymatic hydrolysis of poly(butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 4.6 | 84 |
| 79 | A continuous-flow approach for the development of an anaerobic consortium capable of an effective biomethanization of a mechanically sorted organic fraction of municipal solid waste as the sole substrate. <i>Water Research</i> , 2012, 46, 413-424. | 5.3 | 12 |
| 80 | Inhibition of photosystem 2 in starch-enriched <i>Chlamydomonas reinhardtii</i> cells prevents the efficient induction of H ₂ production in sulfur-depleted cultures. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 10604-10610. | 3.8 | 5 |
| 81 | Increasing the large scale feasibility of a solid phase extraction procedure for the recovery of natural antioxidants from olive mill wastewaters. <i>Chemical Engineering Journal</i> , 2012, 198-199, 103-109. | 6.6 | 37 |
| 82 | Selective extraction and purification of gallic acid from actual site olive mill wastewaters by means of molecularly imprinted microparticles. <i>Chemical Engineering Journal</i> , 2012, 198-199, 529-535. | 6.6 | 35 |
| 83 | Bioremediation. <i>Journal of Chemical Technology and Biotechnology</i> , 2012, 87, 1219-1221. | 1.6 | 3 |
| 84 | Bioaugmentation of a historically contaminated soil by polychlorinated biphenyls with <i>Lentinus tigrinus</i> . <i>Microbial Cell Factories</i> , 2012, 11, 35. | 1.9 | 36 |
| 85 | Slurry bioreactors with simultaneous electron acceptors for bioremediation of an agricultural soil polluted with lindane. <i>Process Biochemistry</i> , 2012, 47, 1640-1648. | 1.8 | 25 |
| 86 | Addition of maize stalks and soybean oil to a historically PCB-contaminated soil: effect on degradation performance and indigenous microbiota. <i>New Biotechnology</i> , 2012, 30, 69-79. | 2.4 | 24 |
| 87 | Frontiers and challenges in the bioremediation of contaminated sites. <i>New Biotechnology</i> , 2012, 30, 1-2. | 2.4 | 2 |
| 88 | The Most Important <i>Bacillus</i> Species in Biotechnology. , 2012, , 329-345. | | 15 |
| 89 | Acclimation of an anaerobic consortium capable of effective biomethanization of mechanically sorted organic fraction of municipal solid waste through a semi-continuous enrichment procedure. <i>Journal of Chemical Technology and Biotechnology</i> , 2012, 87, 1312-1319. | 1.6 | 34 |
| 90 | Enhancement of microbial reductive dechlorination of polychlorinated biphenyls (PCBs) in a marine sediment by nanoscale zerovalent iron (NZVI) particles. <i>Journal of Chemical Technology and Biotechnology</i> , 2012, 87, 1246-1253. | 1.6 | 41 |

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|-----|--|-----|-----------|
| 91 | Development of a biofilm technology for the production of 1,3-propanediol (1,3-PDO) from crude glycerol. <i>Biochemical Engineering Journal</i> , 2012, 64, 84-90. | 1.8 | 55 |
| 92 | A <i>Chloroflexi</i> bacterium dechlorinates polychlorinated biphenyls in marine sediments under in situ-like biogeochemical conditions. <i>Journal of Hazardous Materials</i> , 2012, 209-210, 449-457. | 6.5 | 64 |
| 93 | REDUCTIVE DECHLORINATION OF POLYCHLORINATED BIPHENYLS (PCBs) BY MEANS OF NANOSCALE ZERO-VALENT NICKEL-IRON (NZVNI) PARTICLES. <i>Environmental Engineering and Management Journal</i> , 2012, 11, 1733-1739. | 0.2 | 4 |
| 94 | EDITORIAL - A SPECIAL ISSUE DEDICATED TO ENVIRONMENTAL BIOTECHNOLOGY FOR THE KNOWLEDGE-BASED BIO AND GREEN ECONOMY. <i>Environmental Engineering and Management Journal</i> , 2012, 11, 1731-1732. | 0.2 | 0 |
| 95 | Genotoxicity of 4-nonylphenol and nonylphenol ethoxylate mixtures by the use of <i>Saccharomyces cerevisiae</i> D7 mutation assay and use of this text to evaluate the efficiency of biodegradation treatments. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 253-258. | 2.9 | 44 |
| 96 | Metabolic engineering of <i>Pseudomonas fluorescens</i> for the production of vanillin from ferulic acid. <i>Journal of Biotechnology</i> , 2011, 156, 309-316. | 1.9 | 108 |
| 97 | Case studies on the use of biotechnologies and on biosafety provisions in four African countries. <i>Journal of Biotechnology</i> , 2011, 156, 370-381. | 1.9 | 7 |
| 98 | Selection of commercial hydrolytic enzymes with potential antifouling activity in marine environments. <i>Enzyme and Microbial Technology</i> , 2011, 49, 574-579. | 1.6 | 27 |
| 99 | A physicochemical "biotechnological approach for an integrated valorization of olive mill wastewater. <i>Bioresource Technology</i> , 2011, 102, 10273-10279. | 4.8 | 71 |
| 100 | Recovery of low molecular weight phenols through solid-phase extraction. <i>Chemical Engineering Journal</i> , 2011, 166, 994-1001. | 6.6 | 68 |
| 101 | Recovery of high added value natural polyphenols from actual olive mill wastewater through solid phase extraction. <i>Chemical Engineering Journal</i> , 2011, 171, 1287-1293. | 6.6 | 130 |
| 102 | Comparison of different pilot scale bioreactors for the treatment of a real wastewater from the textile industry. <i>International Biodeterioration and Biodegradation</i> , 2011, 65, 396-403. | 1.9 | 16 |
| 103 | Biotransformation of a highly chlorinated PCB mixture in an activated sludge collected from a Membrane Biological Reactor (MBR) subjected to anaerobic digestion. <i>Journal of Hazardous Materials</i> , 2011, 186, 2060-2067. | 6.5 | 21 |
| 104 | Biological fate of Diuron and Sea-nine® 211 and their effect on primary microbial activities in slurries of a contaminated sediment from Venice Lagoon. <i>Annals of Microbiology</i> , 2010, 60, 321-327. | 1.1 | 8 |
| 105 | Characterization of two diesel fuel degrading microbial consortia enriched from a non acclimated, complex source of microorganisms. <i>Microbial Cell Factories</i> , 2010, 9, 10. | 1.9 | 59 |
| 106 | The path to next generation biofuels: successes and challenges in the era of synthetic biology. <i>Microbial Cell Factories</i> , 2010, 9, 3. | 1.9 | 154 |
| 107 | Characterization of the microbial community from the marine sediment of the Venice lagoon capable of reductive dechlorination of coplanar polychlorinated biphenyls (PCBs). <i>Journal of Hazardous Materials</i> , 2010, 178, 417-426. | 6.5 | 43 |
| 108 | Anaerobic acidogenic digestion of olive mill wastewaters in biofilm reactors packed with ceramic filters or granular activated carbon. <i>Water Research</i> , 2010, 44, 4537-4549. | 5.3 | 75 |

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|-----|--|-----|-----------|
| 109 | Valorisation of agro-industrial by-products, effluents and waste: concept, opportunities and the case of olive mill wastewaters. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 895-900. | 1.6 | 161 |
| 110 | Production of vanillin from wheat bran hydrolyzates via microbial bioconversion. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 1441-1448. | 1.6 | 22 |
| 111 | Membrane-based solvent extraction of vanillin in hollow fiber contactors. <i>Desalination</i> , 2009, 241, 357-364. | 4.0 | 41 |
| 112 | Nonylphenol polyethoxylate degradation in aqueous waste by the use of batch and continuous biofilm bioreactors. <i>Water Research</i> , 2009, 43, 2977-2988. | 5.3 | 27 |
| 113 | Isolation and characterisation of polychlorinated biphenyl (PCB) degrading fungi from a historically contaminated soil. <i>Microbial Cell Factories</i> , 2009, 8, 5. | 1.9 | 79 |
| 114 | Terminal-restriction fragment length polymorphism analysis of biphenyl dioxygenase genes from a polychlorinated biphenyl-polluted soil. <i>Research in Microbiology</i> , 2009, 160, 742-750. | 1.0 | 7 |
| 115 | Characterization of 4-nonylphenol-degrading bacterial consortium obtained from a textile wastewater pretreatment plant. <i>Archives of Microbiology</i> , 2008, 190, 673-683. | 1.0 | 14 |
| 116 | Sustainable decontamination of an actual site aged PCB-polluted soil through a biosurfactant-based washing followed by a photocatalytic treatment. <i>Biotechnology and Bioengineering</i> , 2008, 99, 1525-1534. | 1.7 | 24 |
| 117 | Role of <i>Enzyveba</i> in the aerobic bioremediation and detoxification of a soil freshly contaminated by two different diesel fuels. <i>International Biodeterioration and Biodegradation</i> , 2008, 62, 153-161. | 1.9 | 9 |
| 118 | A review on slurry bioreactors for bioremediation of soils and sediments. <i>Microbial Cell Factories</i> , 2008, 7, 5. | 1.9 | 153 |
| 119 | Microbial processes associated to the decontamination and detoxification of a polluted activated sludge during its anaerobic stabilization. <i>Water Research</i> , 2007, 41, 2407-2416. | 5.3 | 34 |
| 120 | Control of 2-chlorophenol vapour emissions by a trickling biofilter. <i>Journal of Biotechnology</i> , 2007, 128, 654-658. | 1.9 | 6 |
| 121 | Biodegradation of Polyethoxylated Nonylphenols in Packed-Bed Biofilm Reactors. <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 6681-6687. | 1.8 | 18 |
| 122 | Vanillin production using metabolically engineered <i>Escherichia coli</i> under non-growing conditions. <i>Microbial Cell Factories</i> , 2007, 6, 13. | 1.9 | 126 |
| 123 | Production of biovanillin from wheat bran. <i>Enzyme and Microbial Technology</i> , 2007, 41, 498-505. | 1.6 | 54 |
| 124 | Intensification of the aerobic bioremediation of an actual site soil historically contaminated by polychlorinated biphenyls (PCBs) through bioaugmentation with a non acclimated, complex source of microorganisms. <i>Microbial Cell Factories</i> , 2006, 5, 11. | 1.9 | 38 |
| 125 | Performances and microbial features of an aerobic packed-bed biofilm reactor developed to post-treat an olive mill effluent from an anaerobic GAC reactor. <i>Microbial Cell Factories</i> , 2006, 5, 16. | 1.9 | 12 |
| 126 | Polychlorinated biphenyl degradation in aqueous wastes by employing continuous fixed-bed bioreactors. <i>Process Biochemistry</i> , 2006, 41, 935-940. | 1.8 | 11 |

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|-----|--|-----|-----------|
| 127 | Degradation of Low-Ethoxylated Nonylphenols by a <i>Stenotrophomonas</i> Strain and Development of New Phylogenetic Probes for <i>Stenotrophomonas</i> spp. Detection. <i>Current Microbiology</i> , 2006, 52, 13-20. | 1.0 | 16 |
| 128 | Development and assessment of an innovative soil-washing process based on the use of cholic acid-derivatives as pollutant-mobilizing agents. <i>Biotechnology and Bioengineering</i> , 2006, 93, 761-770. | 1.7 | 8 |
| 129 | Removal of organic xenobiotics in activated sludges under aerobic conditions and anaerobic digestion of the adsorbed species. <i>Journal of Chemical Technology and Biotechnology</i> , 2006, 81, 1496-1505. | 1.6 | 46 |
| 130 | Biological Assessment and Remediation of Contaminated Sediments. NATO Science Series Series IV, Earth and Environmental Sciences, 2006, , 179-238. | 0.3 | 4 |
| 131 | Uncertainty and Research Needs in the Area of the Biological Restoration of Contaminated Sediments. , 2006, , 239-246. | | 2 |
| 132 | Enhanced biodegradation of transformer oil in soils with cyclodextrin ? from the laboratory to the field. <i>Biodegradation</i> , 2005, 16, 159-168. | 1.5 | 49 |
| 133 | T-RFLP analysis of bacterial communities in cyclodextrin-amended bioreactors developed for biodegradation of polychlorinated biphenyls. <i>Research in Microbiology</i> , 2005, 156, 201-210. | 1.0 | 30 |
| 134 | Performances and microbial features of a granular activated carbon packed-bed biofilm reactor capable of an efficient anaerobic digestion of olive mill wastewaters. <i>FEMS Microbiology Ecology</i> , 2004, 48, 413-423. | 1.3 | 40 |
| 135 | Effects of cyclodextrins, humic substances, and rhamnolipids on the washing of a historically contaminated soil and on the aerobic bioremediation of the resulting effluents. <i>Biotechnology and Bioengineering</i> , 2004, 88, 111-120. | 1.7 | 40 |
| 136 | Effects of humic substances and soya lecithin on the aerobic bioremediation of a soil historically contaminated by polycyclic aromatic hydrocarbons (PAHs). <i>Biotechnology and Bioengineering</i> , 2004, 88, 214-223. | 1.7 | 63 |
| 137 | Anaerobic digestion of olive mill wastewaters in biofilm reactors packed with granular activated carbon and "Manville" silica beads. <i>Water Research</i> , 2004, 38, 3167-3178. | 5.3 | 57 |
| 138 | Aggregation-based cooperation during bacterial aerobic degradation of polyethoxylated nonylphenols. <i>Research in Microbiology</i> , 2004, 155, 761-769. | 1.0 | 35 |
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