# Patrick Dabert

List of Publications by Year
in descending order



| 38 | 1,885 | 279487 23 | 315357 38 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 39 | 39 | 39 | 2502 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | An Innovative Solid-State Micro-Anaerobic Digestion Process to Valorize Food Waste: Technical Development Constraints and Consequences on Biological Performances. Waste and Biomass Valorization, 2022, 13, 617-630. | 1.8 | 5 |
| 2 | Circular Economy Applied to Organic Residues and Wastewater: Research Challenges. Waste and Biomass Valorization, 2022, 13, 1267-1276. | 1.8 | 26 |
| 3 | Methane production and microbial community acclimation of five manure inocula during psychrophilic anaerobic digestion of swine manure. Journal of Cleaner Production, 2022, 340, 130772. | 4.6 | 17 |
| 4 | Removal of a Mixture of Seven Volatile Organic Compounds (VOCs) Using an Industrial Pilot-Scale Process Combining Absorption in Silicone Oil and Biological Regeneration in a Two-Phase Partitioning Bioreactor (TPPB). Energies, 2022, 15, 4576. | 1.6 | 3 |
| 5 | Effect of starvation period on microbial community producing hydrogen from paperboard mill wastewater using anaerobic baffled reactor. Environmental Technology (United Kingdom), 2019, 40, 2389-2399. | 1.2 | 8 |
| 6 | Successful Biodegradation of a Refractory Pharmaceutical Compound by an Indigenous Phenol-Tolerant Pseudomonas aeruginosa Strain. Water, Air, and Soil Pollution, 2018, 229, 1. | 1.1 | 16 |
| 7 | Biochemical and microbial changes reveal how aerobic pre-treatment impacts anaerobic biodegradability of food waste. Waste Management, 2018, 80, 119-129. | 3.7 | 13 |
| 8 | Coupling of partial nitritation and anammox in two- and one-stage systems: Process operation, N2O emission and microbial community. Journal of Cleaner Production, 2018, 203, 559-573. | 4.6 | 56 |
| 9 | Physico-chemical, biochemical and nutritional characterisation of 42 organic wastes and residues from France. Data in Brief, 2018, 19, 1953-1962. | 0.5 | 12 |
| 10 | Characterization of a combined batch-continuous procedure for the culture of anammox biomass. Ecological Engineering, 2017, 106, 231-241. | 1.6 | 12 |
| 11 | Understanding the anaerobic biodegradability of food waste: Relationship between the typological, biochemical and microbial characteristics. Journal of Environmental Management, 2017, 188, 95-107. | 3.8 | 75 |
| 12 | Dissolution of particulate phosphorus in pig slurry through biological acidification: A critical step for maximum phosphorus recovery as struvite. Water Research, 2017, 124, 693-701. | 5.3 | 29 |
| 13 | Potential of using non-inoculated self-aerated immobilized biomass reactor for post-treatment of upflow anaerobic staged reactor treating high strength industrial wastewater. Journal of Chemical Technology and Biotechnology, 2017, 92, 1065-1075. | 1.6 | 15 |
| 14 | Batch enrichment of anammox bacteria and study of the underlying microbial community dynamics. Chemical Engineering Journal, 2016, 297, 217-228. | 6.6 | 54 |
| 15 | Magnetite/graphene oxide nano-composite for enhancement of hydrogen production from gelatinaceous wastewater. Bioresource Technology, 2016, 216, 520-528. | 4.8 | 69 |
| 16 | Improving composting as a post-treatment of anaerobic digestate. Bioresource Technology, 2016, 201, 293-303. | 4.8 | 88 |
| 17 | Characterizing the variability of food waste quality: A need for efficient valorisation through anaerobic digestion. Waste Management, 2016, 50, 264-274. | 3.7 | 218 |
| 18 | Part B: Global Assessment for Organic Resources and Waste Management ORBIT2012. Waste and Biomass Valorization, 2014, 5, 429-431. | 1.8 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Feasibility and interest of the anammox process as treatment alternative for anaerobic digester supernatants in manure processing â€“ An overview. Journal of Environmental Management, 2013, 131, 170-184. | 3.8 | 98 |
| 20 | Nitrogen Dynamic and Microbiological Evolution During Aerobic Treatment of Digested Sludge. Waste and Biomass Valorization, 2013, 5, 441. | 1.8 | 7 |
| 21 | Impact of biodegradation of organic matters on ammonia oxidation in compost. Bioresource Technology, 2013, 136, 49-57. | 4.8 | 43 |
| 22 | Homogeneity and Synchronous Dynamics of Microbial Communities in Particulate Biofilms: from Major Populations to Minor Groups. Microbes and Environments, 2012, 27, 142-148. | 0.7 | 5 |
| 23 | Fate of steroid hormones and endocrine activities in swine manure disposal and treatment facilities. Water Research, 2012, 46, 895-906. | 5.3 | 59 |
| 24 | Prediction of hydrogen sulphide production during anaerobic digestion of organic substrates. Bioresource Technology, 2012, 121, 419-424. | 4.8 | 85 |
| 25 | Changes in Concentrations of Fluoroquinolones and of Ciprofloxacin-resistant Enterobacteriaceae in Chicken Feces and Manure Stored in a Heap. Journal of Environmental Quality, 2012, 41, 754-763. | 1.0 | 18 |
| 26 | Nitrification and microbiological evolution during aerobic treatment of municipal solid wastes. Bioresource Technology, 2012, 110, 144-152. | 4.8 | 56 |
| 27 | Evaluation of Lactobacillus sobrius/L. amylovorus as a New Microbial Marker of Pig Manure. Applied and Environmental Microbiology, 2010, 76, 1456-1461. | 1.4 | 32 |
| 28 | Pig Manure Contamination Marker Selection Based on the Influence of Biological Treatment on the Dominant Fecal Microbial Groups. Applied and Environmental Microbiology, 2009, 75, 4967-4974. | 1.4 | 16 |
| 29 | Evolution of N-converting bacteria during the start-up of anaerobic digestion coupled biological nitrogen removal pilot-scale bioreactors treating high-strength animal waste slurry. Bioresource Technology, 2009, 100, 3678-3687. | 4.8 | 10 |
| 30 | Livestock waste treatment systems for environmental quality, food safety, and sustainability. Bioresource Technology, 2009, 100, 5527-5536. | 4.8 | 157 |
| 31 | Molecular diversity studies of bacterial communities of oil polluted microbial mats from the Etang de Berre (France). FEMS Microbiology Ecology, 2006, 58, 550-562. | 1.3 | 77 |
| 32 | Dynamics of a Pig Slurry Microbial Community during Anaerobic Storage and Management. Applied and Environmental Microbiology, 2006, 72, 3578-3585. | 1.4 | 104 |
| 33 | Characterisation of the microbial diversity in a pig manure storage pit using small subunit rDNA sequence analysis. FEMS Microbiology Ecology, 2005, 52, 229-242. | 1.3 | 137 |
| 34 | Monitoring the impact of bioaugmentation on the start up of biological phosphorus removal in a laboratory scale activated sludge ecosystem. Applied Microbiology and Biotechnology, 2005, 66, 575-588. | 1.7 | 32 |
| 35 | Contribution of molecular microbiology to the study in water pollution removal of microbial community dynamics. Reviews in Environmental Science and Biotechnology, 2002, 1, 39-49. | 3.9 | 29 |
| 36 | Characterisation of the microbial 16S rDNA diversity of an aerobic phosphorus-removal ecosystem and monitoring of its transition to nitrate respiration. Applied Microbiology and Biotechnology, 2001, 55, 500-509. | 1.7 | 104 |

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| 37 | Gene replacement with linear DNA in electroporated wild-type Escherichia coli. Nucleic Acids Research, 1999, 27, 1296-1299. | 6.5 | 31 |
| 38 | Microbial 16S rDNA diversity in an anaerobic digester. Water Science and Technology, 1997, 36, 49-55. | 1.2 | 67 |