

Jean-Philippe Steyer

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7404576/jean-philippe-steyer-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

134
papers

7,389
citations

43
h-index

83
g-index

139
ext. papers

8,400
ext. citations

7.4
avg, IF

6.1
L-index

#	Paper	IF	Citations
134	Agronomic characterization of anaerobic digestates with near-infrared spectroscopy. <i>Journal of Environmental Management</i> , 2022 , 317, 115393	7.9	
133	Recirculation of solid digestate to enhance energy efficiency of biogas plants: Strategies, conditions and impacts. <i>Energy Conversion and Management</i> , 2021 , 231, 113759	10.6	4
132	Unveiling non-linear water effects in near infrared spectroscopy: A study on organic wastes during drying using chemometrics. <i>Waste Management</i> , 2021 , 122, 36-48	8.6	6
131	Relating Near-Infrared Light Path-Length Modifications to the Water Content of Scattering Media in Near-Infrared Spectroscopy: Toward a New Bouguer-Beer-Lambert Law. <i>Analytical Chemistry</i> , 2021 , 93, 6817-6823	7.8	4
130	Ultrasonication affects the bio-accessibility of primary dairy cow manure digestate for secondary post-digestion. <i>Fuel</i> , 2021 , 291, 120140	7.1	4
129	Fast at-line characterization of solid organic waste: Comparing analytical performance of different compact near infrared spectroscopic systems with different measurement configurations. <i>Waste Management</i> , 2021 , 126, 664-673	8.6	4
128	On-site substrate characterization in the anaerobic digestion context: A dataset of near infrared spectra acquired with four different optical systems on freeze-dried and ground organic waste. <i>Data in Brief</i> , 2021 , 36, 107126	1.2	
127	Multivariable Robust Regulation of Alkalinities in Continuous Anaerobic Digestion Processes: Experimental Validation. <i>Processes</i> , 2021 , 9, 1153	2.9	1
126	A vision of European biogas sector development towards 2030: Trends and challenges. <i>Journal of Cleaner Production</i> , 2021 , 287, 125065	10.3	25
125	ALBA: A comprehensive growth model to optimize algae-bacteria wastewater treatment in raceway ponds. <i>Water Research</i> , 2021 , 190, 116734	12.5	15
124	Data-driven techniques for fault detection in anaerobic digestion process. <i>Chemical Engineering Research and Design</i> , 2021 , 146, 905-915	5.5	13
123	Insights into bioflocculation of filamentous cyanobacteria, microalgae and their mixture for a low-cost biomass harvesting system. <i>Environmental Research</i> , 2021 , 199, 111359	7.9	4
122	Microalgae-bacteria consortia in high-rate ponds for treating urban wastewater: Elucidating the key state indicators under dynamic conditions. <i>Journal of Environmental Management</i> , 2020 , 261, 110244	7.9	24
121	Physical assessments of termites (Termitidae) under 2.45 GHz microwave irradiation. <i>Scientific Reports</i> , 2020 , 10, 5197	4.9	3
120	Robust Data-Driven Soft Sensors for Online Monitoring of Volatile Fatty Acids in Anaerobic Digestion Processes. <i>Processes</i> , 2020 , 8, 67	2.9	16
119	Data-driven fault detection methods for detecting small-magnitude faults in anaerobic digestion process. <i>Water Science and Technology</i> , 2020 , 81, 1740-1748	2.2	6
118	Performance of a membrane-coupled high-rate algal pond for urban wastewater treatment at demonstration scale. <i>Bioresource Technology</i> , 2020 , 301, 122672	11	13

117	Assessment of fungal and thermo-alkaline post-treatments of solid digestate in a recirculation scheme to increase flexibility in feedstocks supply management of biogas plants. <i>Renewable Energy</i> , 2020 , 149, 641-651	8.1	10
116	Bioflocculation and settling studies of native wastewater filamentous cyanobacteria using different cultivation systems for a low-cost and easy to control harvesting process. <i>Journal of Environmental Management</i> , 2020 , 256, 109957	7.9	14
115	Mitigating the variability of hydrogen production in mixed culture through bioaugmentation with exogenous pure strains. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 2617-2626	6.7	7
114	Impact of the microbial inoculum source on pre-treatment efficiency for fermentative H ₂ production from glycerol. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 1597-1607	6.7	9
113	Fault detection and diagnosis in water resource recovery facilities using incremental PCA. <i>Water Science and Technology</i> , 2020 , 82, 2711-2724	2.2	6
112	Modelling hydrolysis: Simultaneous versus sequential biodegradation of the hydrolysable fractions. <i>Waste Management</i> , 2020 , 101, 150-160	8.6	5
111	Reversibility of hydrolysis inhibition at high hydrogen partial pressure in dry anaerobic digestion processes fed with wheat straw and inoculated with anaerobic granular sludge. <i>Waste Management</i> , 2019 , 85, 498-505	8.6	15
110	Importance of ecological interactions during wastewater treatment using High Rate Algal Ponds under different temperate climates. <i>Algal Research</i> , 2019 , 40, 101508	5	29
109	Modelling non-ideal bio-physical-chemical effects on high-solids anaerobic digestion of the organic fraction of municipal solid waste. <i>Journal of Environmental Management</i> , 2019 , 238, 408-419	7.9	5
108	Microalgae and cyanobacteria modeling in water resource recovery facilities: A critical review. <i>Water Research X</i> , 2019 , 2, 100024	8.1	39
107	Assessing practical identifiability during calibration and cross-validation of a structured model for high-solids anaerobic digestion. <i>Water Research</i> , 2019 , 164, 114932	12.5	5
106	Improvement of biohydrogen production from glycerol in micro-oxidative environment. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 17802-17812	6.7	11
105	A tool to guide the selection of impact categories for LCA studies by using the representativeness index. <i>Science of the Total Environment</i> , 2019 , 658, 768-776	10.2	8
104	Near-Infrared Spectrum Analysis to Determine Relationships between Biochemical Composition and Anaerobic Digestion Performances. <i>Chemical Engineering and Technology</i> , 2018 , 41, 727-738	2	4
103	Methanosarcina plays a main role during methanogenesis of high-solids food waste and cardboard. <i>Waste Management</i> , 2018 , 76, 423-430	8.6	26
102	The reuse of reclaimed water for irrigation around the Mediterranean Rim: a step towards a more virtuous cycle?. <i>Regional Environmental Change</i> , 2018 , 18, 693-705	4.3	36
101	On the derivation of a simple dynamic model of anaerobic digestion including the evolution of hydrogen. <i>Water Research</i> , 2018 , 134, 209-225	12.5	18
100	Biological pretreatments of biomass for improving biogas production: an overview from lab scale to full-scale. <i>Renewable and Sustainable Energy Reviews</i> , 2018 , 90, 583-604	16.2	73

99	Representativeness of environmental impact assessment methods regarding Life Cycle Inventories. <i>Science of the Total Environment</i> , 2018 , 621, 1264-1271	10.2	13
98	High-solids anaerobic digestion model for homogenized reactors. <i>Water Research</i> , 2018 , 142, 501-511	12.5	29
97	Comparative assessment of evaporation models in algal ponds. <i>Algal Research</i> , 2018 , 35, 283-291	5	11
96	Dry anaerobic digestion of food waste and cardboard at different substrate loads, solid contents and co-digestion proportions. <i>Bioresource Technology</i> , 2017 , 233, 166-175	11	69
95	Methane production and fertilizing value of organic waste: Organic matter characterization for a better prediction of valorization pathways. <i>Bioresource Technology</i> , 2017 , 241, 1012-1021	11	27
94	Fast ADM1 implementation for the optimization of feeding strategy using near infrared spectroscopy. <i>Water Research</i> , 2017 , 122, 27-35	12.5	11
93	Microbial ecology of fermentative hydrogen producing bioprocesses: useful insights for driving the ecosystem function. <i>FEMS Microbiology Reviews</i> , 2017 , 41, 158-181	15.1	127
92	Coupling dark fermentation and microbial electrolysis to enhance bio-hydrogen production from agro-industrial wastewaters and by-products in a bio-refinery framework. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 1609-1621	6.7	86
91	Robust assessment of both biochemical methane potential and degradation kinetics of solid residues in successive batches. <i>Waste Management</i> , 2017 , 70, 59-70	8.6	14
90	Kinetic study of dry anaerobic co-digestion of food waste and cardboard for methane production. <i>Waste Management</i> , 2017 , 69, 470-479	8.6	34
89	Fast characterization of solid organic waste content with near infrared spectroscopy in anaerobic digestion. <i>Waste Management</i> , 2017 , 59, 140-148	8.6	18
88	Food waste valorization via anaerobic processes: a review. <i>Reviews in Environmental Science and Biotechnology</i> , 2016 , 15, 499-547	13.9	144
87	Distribution of Polycyclic Aromatic Hydrocarbons (PAHs) in sludge organic matter pools as a driving force of their fate during anaerobic digestion. <i>Waste Management</i> , 2016 , 48, 389-396	8.6	32
86	Life cycle assessment of hydrogen production from biogas reforming. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 6064-6075	6.7	46
85	Persistence and Potential Viable but Non-culturable State of Pathogenic Bacteria during Storage of Digestates from Agricultural Biogas Plants. <i>Frontiers in Microbiology</i> , 2016 , 7, 1469	5.7	18
84	Influence of process dynamics on the microbial diversity in a nitrifying biofilm reactor: Correlation analysis and simulation study. <i>Biotechnology and Bioengineering</i> , 2016 , 113, 1962-74	4.9	7
83	Reply to the Comment on "Mathematical modeling of unicellular microalgae and cyanobacteria metabolism for biofuel production" by Baroukh et al. [Curr. Opin. Biotechnol. 2015, 33:198-205]. <i>Current Opinion in Biotechnology</i> , 2016 , 38, 200-2	11.4	1
82	Nutritional stress induces exchange of cell material and energetic coupling between bacterial species. <i>Nature Communications</i> , 2015 , 6, 6283	17.4	95

81	A new organic matter fractionation methodology for organic wastes: Bioaccessibility and complexity characterization for treatment optimization. <i>Bioresource Technology</i> , 2015 , 194, 344-53	11	43
80	Sea use impact category in life cycle assessment: characterization factors for life support functions. <i>International Journal of Life Cycle Assessment</i> , 2015 , 20, 970-981	4.6	13
79	Recommendations for Life Cycle Assessment of algal fuels. <i>Applied Energy</i> , 2015 , 154, 1089-1102	10.7	66
78	A state of the art of metabolic networks of unicellular microalgae and cyanobacteria for biofuel production. <i>Metabolic Engineering</i> , 2015 , 30, 49-60	9.7	49
77	Microalgae production in wastewater treatment systems, anaerobic digestion and modelling using ADM1. <i>Algal Research</i> , 2015 , 10, 55-63	5	55
76	Mathematical modeling of unicellular microalgae and cyanobacteria metabolism for biofuel production. <i>Current Opinion in Biotechnology</i> , 2015 , 33, 198-205	11.4	36
75	Bioaerosol emissions from open microalgal processes and their potential environmental impacts: what can be learned from natural and anthropogenic aquatic environments?. <i>Current Opinion in Biotechnology</i> , 2015 , 33, 279-86	11.4	10
74	New mechanistic model to simulate microalgae growth. <i>Algal Research</i> , 2015 , 12, 350-358	5	59
73	Instrumentation and control of anaerobic digestion processes: a review and some research challenges. <i>Reviews in Environmental Science and Biotechnology</i> , 2015 , 14, 615-648	13.9	84
72	Effects of grinding processes on anaerobic digestion of wheat straw. <i>Industrial Crops and Products</i> , 2015 , 74, 450-456	5.9	40
71	Kinetic modelling of anaerobic hydrolysis of solid wastes, including disintegration processes. <i>Waste Management</i> , 2015 , 35, 96-104	8.6	38
70	Similar PAH fate in anaerobic digesters inoculated with three microbial communities accumulating either volatile fatty acids or methane. <i>PLoS ONE</i> , 2015 , 10, e0125552	3.7	15
69	Combining chemical sequential extractions with 3D fluorescence spectroscopy to characterize sludge organic matter. <i>Waste Management</i> , 2014 , 34, 2572-80	8.6	29
68	Biodiesel from microalgae [Life cycle assessment and recommendations for potential improvements. <i>Renewable Energy</i> , 2014 , 71, 525-533	8.1	105
67	Coupling algal biomass production and anaerobic digestion: Production assessment of some native temperate and tropical microalgae. <i>Biomass and Bioenergy</i> , 2014 , 70, 564-569	5.3	20
66	How to take time into account in the inventory step: a selective introduction based on sensitivity analysis. <i>International Journal of Life Cycle Assessment</i> , 2014 , 19, 320-330	4.6	22
65	Sea-use impact category in life cycle assessment: state of the art and perspectives. <i>International Journal of Life Cycle Assessment</i> , 2014 , 19, 994-1006	4.6	16
64	Impact of xylan structure and lignin-xylan association on methane production from C5-sugars. <i>Biomass and Bioenergy</i> , 2014 , 63, 33-45	5.3	11

63	Integrating microalgae production with anaerobic digestion: a biorefinery approach. <i>Biofuels, Bioproducts and Biorefining</i> , 2014 , 8, 516-529	5.3	108
62	Needles of <i>Pinus halepensis</i> as biomonitors of bioaerosol emissions. <i>PLoS ONE</i> , 2014 , 9, e112182	3.7	5
61	Predictive and explicative models of fermentative hydrogen production from solid organic waste: Role of butyrate and lactate pathways. <i>International Journal of Hydrogen Energy</i> , 2014 , 39, 7476-7485	6.7	56
60	New methods for impact assessment of biotic-resource depletion in life cycle assessment of fisheries: theory and application. <i>Journal of Cleaner Production</i> , 2014 , 73, 63-71	10.3	34
59	Prediction of anaerobic biodegradability and bioaccessibility of municipal sludge by coupling sequential extractions with fluorescence spectroscopy: towards ADM1 variables characterization. <i>Water Research</i> , 2014 , 50, 359-72	12.5	65
58	Anaerobic Biodegradation of Cellulose-Xylan-Lignin Nanocomposites as Model Assemblies of Lignocellulosic Biomass. <i>Waste and Biomass Valorization</i> , 2014 , 5, 293-304	3.2	12
57	DRUM: a new framework for metabolic modeling under non-balanced growth. Application to the carbon metabolism of unicellular microalgae. <i>PLoS ONE</i> , 2014 , 9, e104499	3.7	45
56	Temperature effect on microalgae: a crucial factor for outdoor production. <i>Reviews in Environmental Science and Biotechnology</i> , 2013 , 12, 153-164	13.9	242
55	Overview of the Oldest Existing Set of Substrate-optimized Anaerobic Processes: Digestive Tracts. <i>Bioenergy Research</i> , 2013 , 6, 1063-1081	3.1	13
54	Specific inhibition of biohydrogen-producing <i>Clostridium</i> sp. after dilute-acid pretreatment of sunflower stalks. <i>International Journal of Hydrogen Energy</i> , 2013 , 38, 12273-12282	6.7	63
53	A statistical comparison of protein and carbohydrate characterisation methodology applied on sewage sludge samples. <i>Water Research</i> , 2013 , 47, 1751-62	12.5	56
52	Total solids content: a key parameter of metabolic pathways in dry anaerobic digestion. <i>Biotechnology for Biofuels</i> , 2013 , 6, 164	7.8	99
51	Two-stage alkaline-enzymatic pretreatments to enhance biohydrogen production from sunflower stalks. <i>Environmental Science & Technology</i> , 2013 , 47, 12591-9	10.3	34
50	Application of optimized alkaline pretreatment for enhancing the anaerobic digestion of different sunflower stalks varieties. <i>Environmental Technology (United Kingdom)</i> , 2013 , 34, 2155-62	2.6	23
49	Sub-dominant bacteria as keystone species in microbial communities producing bio-hydrogen. <i>International Journal of Hydrogen Energy</i> , 2013 , 38, 4975-4985	6.7	70
48	Lignocellulosic Materials Into Biohydrogen and Biomethane: Impact of Structural Features and Pretreatment. <i>Critical Reviews in Environmental Science and Technology</i> , 2013 , 43, 260-322	11.1	265
47	Enhancement of methane production from sunflower oil cakes by dilute acid pretreatment. <i>Applied Energy</i> , 2013 , 102, 1105-1113	10.7	108
46	Total solids content drives high solid anaerobic digestion via mass transfer limitation. <i>Bioresource Technology</i> , 2012 , 111, 55-61	11	264

45	Impact of microalgae characteristics on their conversion to biofuel. Part I: Focus on cultivation and biofuel production. <i>Biofuels, Bioproducts and Biorefining</i> , 2012 , 6, 105-113	5.3	23
44	Three-reaction model for the anaerobic digestion of microalgae. <i>Biotechnology and Bioengineering</i> , 2012 , 109, 415-25	4.9	24
43	Effect of enzyme addition on fermentative hydrogen production from wheat straw. <i>International Journal of Hydrogen Energy</i> , 2012 , 37, 10639-10647	6.7	70
42	Online estimation of VFA, alkalinity and bicarbonate concentrations by electrical conductivity measurement during anaerobic fermentation. <i>Water Science and Technology</i> , 2012 , 65, 1281-9	2.2	21
41	Predictive models of biohydrogen and biomethane production based on the compositional and structural features of lignocellulosic materials. <i>Environmental Science & Technology</i> , 2012 , 46, 12217-23	19.3	155
40	Life cycle assessment of biomethane from offshore-cultivated seaweed. <i>Biofuels, Bioproducts and Biorefining</i> , 2012 , 6, 387-404	5.3	79
39	Impact of microalgae characteristics on their conversion to biofuel. Part II: Focus on biomethane production. <i>Biofuels, Bioproducts and Biorefining</i> , 2012 , 6, 205-218	5.3	161
38	Inhibition of fermentative hydrogen production by lignocellulose-derived compounds in mixed cultures. <i>International Journal of Hydrogen Energy</i> , 2012 , 37, 3150-3159	6.7	143
37	Towards a generalized physicochemical framework. <i>Water Science and Technology</i> , 2012 , 66, 1147-61	2.2	56
36	A new dynamic model for bioavailability and cometabolism of micropollutants during anaerobic digestion. <i>Water Research</i> , 2011 , 45, 4511-21	12.5	72
35	Solid-phase fluorescence spectroscopy to characterize organic wastes. <i>Waste Management</i> , 2011 , 31, 1916-23	8.6	38
34	Changes in hydrogenase genetic diversity and proteomic patterns in mixed-culture dark fermentation of mono-, di- and tri-saccharides. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 11654-7	6.7	36
33	ADD CONTROL: advanced control solutions for waste water treatment. <i>Reviews in Environmental Science and Biotechnology</i> , 2011 , 10, 3-7	13.9	1
32	Functional versus phylogenetic fingerprint analyses for monitoring hydrogen-producing bacterial populations in dark fermentation cultures. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 3870-3879	6.7	31
31	Development of membrane inlet mass spectrometry for examination of fermentation processes. <i>Talanta</i> , 2010 , 83, 482-92	6.2	25
30	Towards a Generalized Physicochemical Framework: WWTmod Workshop Position Paper. <i>Proceedings of the Water Environment Federation</i> , 2010 , 2010, 1054-1071		
29	Selecting the most relevant variables for anaerobic digestion imbalances: two case studies. <i>Water Environment Research</i> , 2010 , 82, 492-8	2.8	2
28	Optimal control of hydrogen production in a continuous anaerobic fermentation bioreactor. <i>International Journal of Hydrogen Energy</i> , 2010 , 35, 10710-10718	6.7	24

27	Hydrogen production from agricultural waste by dark fermentation: A review. <i>International Journal of Hydrogen Energy</i> , 2010 , 35, 10660-10673	6.7	562
26	Development and application of a functional CE-SSCP fingerprinting method based on [FeFe]-hydrogenase genes for monitoring hydrogen-producing <i>Clostridium</i> in mixed cultures. <i>International Journal of Hydrogen Energy</i> , 2010 , 35, 13158-13167	6.7	27
25	Screening <i>Escherichia coli</i> , <i>Enterococcus faecalis</i> , and <i>Clostridium perfringens</i> as indicator organisms in evaluating pathogen-reducing capacity in biogas plants. <i>Microbial Ecology</i> , 2009 , 58, 221-304	4.4	44
24	GISCOD: general integrated solid waste co-digestion model. <i>Water Research</i> , 2009 , 43, 2717-27	12.5	64
23	Modeling microbial diversity in anaerobic digestion through an extended ADM1 model. <i>Water Research</i> , 2009 , 43, 2787-800	12.5	56
22	Modified ADM1 disintegration/hydrolysis structures for modeling batch thermophilic anaerobic digestion of thermally pretreated waste activated sludge. <i>Water Research</i> , 2009 , 43, 3479-92	12.5	62
21	Life-cycle assessment of biodiesel production from microalgae. <i>Environmental Science & Technology</i> , 2009 , 43, 6475-81	10.3	1110
20	Using timed automata and model-checking to simulate material flow in agricultural production systemsApplication to animal waste management. <i>Computers and Electronics in Agriculture</i> , 2008 , 63, 183-192	6.5	10
19	Optimization of WWTP control by means of multi-objective genetic algorithms and sensitivity analysis. <i>Computer Aided Chemical Engineering</i> , 2008 , 25, 539-544	0.6	15
18	Competition between planktonic and fixed microorganisms during the start-up of methanogenic biofilm reactors. <i>Water Research</i> , 2008 , 42, 792-800	12.5	30
17	A pseudo-stoichiometric dynamic model of anaerobic hydrogen production from molasses. <i>Water Research</i> , 2008 , 42, 2539-50	12.5	33
16	Robust Control of Volatile Fatty Acids in Anaerobic Digestion Processes. <i>Industrial & Engineering Chemistry Research</i> , 2008 , 47, 7715-7720	3.9	34
15	Monitoring and control of the biogas process based on propionate concentration using online VFA measurement. <i>Water Science and Technology</i> , 2008 , 57, 661-6	2.2	25
14	Experimental determination by principal component analysis of a reaction pathway of biohydrogen production by anaerobic fermentation. <i>Chemical Engineering and Processing: Process Intensification</i> , 2008 , 47, 1968-1975	3.7	30
13	Data mining to support anaerobic WWTP monitoring. <i>Control Engineering Practice</i> , 2007 , 15, 987-999	3.9	11
12	Instrumentation for synchrotron-radiation macromolecular crystallography. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2006 , 62, 12-8		7
11	A tunable multivariable nonlinear robust observer for biological systems. <i>Comptes Rendus - Biologies</i> , 2005 , 328, 317-25	1.4	11
10	On-line diagnosis and uncertainty management using evidence theoryExperimental illustration to anaerobic digestion processes. <i>Journal of Process Control</i> , 2004 , 14, 747-763	3.9	26

9	Nonlinear adaptive control for bioreactors with unknown kinetics. <i>Automatica</i> , 2004 , 40, 1379-1385	5.7	130
8	Pattern analysis techniques to process fermentation curves: application to discrimination of enological alcoholic fermentations. <i>Biotechnology and Bioengineering</i> , 2002 , 79, 804-15	4.9	21
7	Dynamical model development and parameter identification for an anaerobic wastewater treatment process. <i>Biotechnology and Bioengineering</i> , 2001 , 75, 424-38	4.9	383
6	Nonparametric identification and adaptive control of an anaerobic fluidized bed digester. <i>Control Engineering Practice</i> , 2000 , 8, 367-376	3.9	22
5	Integrated Fault Detection and Isolation: Application to a Winery's Wastewater Treatment Plant. <i>Applied Intelligence</i> , 2000 , 13, 59-76	4.9	16
4	A fuzzy logic based diagnosis system for the on-line supervision of an anaerobic digester pilot-plant. <i>Biochemical Engineering Journal</i> , 1999 , 3, 171-183	4.2	45
3	Advanced control of anaerobic digestion processes through disturbances monitoring. <i>Water Research</i> , 1999 , 33, 2059-2068	12.5	83
2	Comprehensive modeling of methanogenic biofilms in fluidized bed systems: Mass transfer limitations and multisubstrate aspects. <i>Biotechnology and Bioengineering</i> , 1995 , 48, 725-36	4.9	37
1	Circular Economy Applied to Organic Residues and Wastewater: Research Challenges. <i>Waste and Biomass Valorization</i> , 1	3.2	1