

# Christian Kennes

## List of Publications by Year in descending order

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161  
papers

6,484  
citations

50273

46  
h-index

85537

71  
g-index

192  
all docs

192  
docs citations

192  
times ranked

4019  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review: Waste gas biotreatment technology. <i>Journal of Chemical Technology and Biotechnology</i> , 1998, 72, 303-319.	3.2	236
2	Bioprocesses for air pollution control. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 1419-1436.	3.2	218
3	Fungal biocatalysts in the biofiltration of VOC-polluted air. <i>Journal of Biotechnology</i> , 2004, 113, 305-319.	3.8	208
4	Biological conversion of carbon monoxide: rich syngas or waste gases to bioethanol. <i>Biofuels, Bioproducts and Biorefining</i> , 2011, 5, 93-114.	3.7	201
5	Current advances of VOCs degradation by bioelectrochemical systems: A review. <i>Chemical Engineering Journal</i> , 2018, 334, 2625-2637.	12.7	199
6	Bioprocesses for the removal of nitrogen oxides from polluted air. <i>Journal of Chemical Technology and Biotechnology</i> , 2005, 80, 483-494.	3.2	130
7	Bioethanol production from biomass: carbohydrate vs syngas fermentation. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 304-317.	3.2	129
8	Carbon monoxide fermentation to ethanol by <i>Clostridium autoethanogenum</i> in a bioreactor with no accumulation of acetic acid. <i>Bioresource Technology</i> , 2015, 186, 122-127.	9.6	116
9	Kinetics of inhibition in the biodegradation of monoaromatic hydrocarbons in presence of heavy metals. <i>Bioresource Technology</i> , 2001, 78, 181-185.	9.6	113
10	H <sub>2</sub> -driven (hexanol-butanol-ethanol) fermentation for the production of higher alcohols from syngas/waste gas. <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 712-731.	3.2	109
11	Isolation and Characterization of Thermophilic Bacteria from Jordanian Hot Springs: <i>Bacillus licheniformis</i> and <i>Thermomonas hydrothermalis</i> Isolates as Potential Producers of Thermostable Enzymes. <i>International Journal of Microbiology</i> , 2017, 2017, 1-12.	2.3	102
12	Biological conversion of carbon monoxide to ethanol: Effect of pH, gas pressure, reducing agent and yeast extract. <i>Bioresource Technology</i> , 2012, 114, 518-522.	9.6	93
13	Treatment of gaseous toluene in three biofilters inoculated with fungi/bacteria: Microbial analysis, performance and starvation response. <i>Journal of Hazardous Materials</i> , 2016, 303, 83-93.	12.4	93
14	Mesophilic and thermophilic biotreatment of BTEX-polluted air in reactors. <i>Biotechnology and Bioengineering</i> , 2007, 97, 1423-1438.	3.3	92
15	Removal of dichloromethane from waste gases in one- and two-liquid-phase stirred tank bioreactors and biotrickling filters. <i>Water Research</i> , 2009, 43, 11-20.	11.3	91
16	Phenol biodegradation and its effect on the nitrification process. <i>Water Research</i> , 2005, 39, 2915-2920.	11.3	90
17	Biodegradation of BTEX in a fungal biofilter: Influence of operational parameters, effect of shock-loads and substrate stratification. <i>Bioresource Technology</i> , 2012, 116, 204-213.	9.6	89
18	Performance optimization of the fungal biodegradation of $\alpha$ -pinene in gas-phase biofilter. <i>Process Biochemistry</i> , 2006, 41, 1722-1728.	3.7	88

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19	Efficient butanol-ethanol (B-E) production from carbon monoxide fermentation by <i>Clostridium carboxidivorans</i> . <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 3361-3370.	3.6	86
20	Design and Performance of Biofilters for the Removal of Alkylbenzene Vapors. <i>Journal of Chemical Technology and Biotechnology</i> , 1996, 66, 300-304.	3.2	85
21	Inert filter media for the biofiltration of waste gases – characteristics and biomass control. <i>Reviews in Environmental Science and Biotechnology</i> , 2002, 1, 201-214.	8.1	79
22	Fungal biofiltration of $\alpha$ -pinene: Effects of temperature, relative humidity, and transient loads. <i>Biotechnology and Bioengineering</i> , 2007, 96, 433-443.	3.3	77
23	Anaerobic digestion of tuna waste for the production of volatile fatty acids. <i>Waste Management</i> , 2017, 68, 96-102.	7.4	72
24	Biofiltration of waste gases with the fungi <i>Exophiala oligosperma</i> and <i>Paecilomyces variotii</i> . <i>Applied Microbiology and Biotechnology</i> , 2005, 67, 563-568.	3.6	71
25	Evaluation of the biomethane potential of solid fish waste. <i>Waste Management</i> , 2012, 32, 1347-1352.	7.4	70
26	Biodegradation of gas-phase styrene using the fungus <i>Sporothrix varicibatus</i> : Impact of pollutant load and transient operation. <i>Chemosphere</i> , 2010, 79, 221-227.	8.2	69
27	Autotrophic deodorization of hydrogen sulfide in a biotrickling filter. <i>Journal of Chemical Technology and Biotechnology</i> , 2005, 80, 998-1004.	3.2	68
28	Biodegradation of toluene by the new fungal isolates <i>Paecilomyces variotii</i> and <i>Exophiala oligosperma</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2005, 32, 33-37.	3.0	63
29	Co-treatment of hydrogen sulfide and methanol in a single-stage biotrickling filter under acidic conditions. <i>Chemosphere</i> , 2007, 68, 1186-1193.	8.2	63
30	Styrene removal from polluted air in one and two-liquid phase biotrickling filter: Steady and transient-state performance and pressure drop control. <i>Bioresource Technology</i> , 2011, 102, 6791-6800.	9.6	63
31	Valorization of sewage sludge for volatile fatty acids production and role of microbiome on acidogenic fermentation. <i>Bioresource Technology</i> , 2019, 291, 121817.	9.6	62
32	Hydrodynamic behaviour and comparison of technologies for the removal of excess biomass in gas-phase biofilters. <i>Water Research</i> , 2004, 38, 404-413.	11.3	60
33	Impact of cyclic pH shifts on carbon monoxide fermentation to ethanol by <i>Clostridium autoethanogenum</i> . <i>Fuel</i> , 2016, 178, 56-62.	6.4	60
34	Palliative therapy of melanoma patients with fotemustine. Inverse relationship between tumour load and treatment effectiveness. A multicentre phase II trial of the EORTC-Melanoma Cooperative Group (MCG). <i>Melanoma Research</i> , 1995, 5, 195.	1.2	59
35	Modelling the removal of volatile pollutants under transient conditions in a two-stage bioreactor using artificial neural networks. <i>Journal of Hazardous Materials</i> , 2017, 324, 100-109.	12.4	59
36	Integrated bioconversion of syngas into bioethanol and biopolymers. <i>Bioresource Technology</i> , 2017, 239, 244-249.	9.6	59

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37	Production of chemicals from C1 gases (CO, CO <sub>2</sub> ) by <i>Clostridium carboxidivorans</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2017, 33, 43.	3.6	56
38	Improved operating strategy for continuous fermentation of carbon monoxide to fuel-ethanol by clostridia. <i>Applied Energy</i> , 2016, 169, 210-217.	10.1	55
39	Biofiltration of waste gases containing a mixture of formaldehyde and methanol. <i>Applied Microbiology and Biotechnology</i> , 2004, 65, 235-42.	3.6	54
40	Anaerobic dechlorination and mineralization of pentachlorophenol and 2,4,6-trichlorophenol by methanogenic pentachlorophenol-degrading granules. <i>Applied Microbiology and Biotechnology</i> , 1996, 44, 801-806.	3.6	53
41	Effects of pH, CO <sub>2</sub> , and flow pattern on the autotrophic degradation of hydrogen sulfide in a biotrickling filter. <i>Biotechnology and Bioengineering</i> , 2005, 92, 462-471.	3.3	53
42	Biodegradation and effect of formaldehyde and phenol on the denitrification process. <i>Water Research</i> , 2005, 39, 449-455.	11.3	53
43	Performance of a biofilter for the removal of high concentrations of styrene under steady and non-steady state conditions. <i>Journal of Hazardous Materials</i> , 2009, 168, 282-290.	12.4	50
44	Two-liquid-phase mesophilic and thermophilic biotrickling filters for the biodegradation of $\alpha$ -pinene. <i>Bioresource Technology</i> , 2010, 101, 9493-9499.	9.6	50
45	Selective anaerobic fermentation of syngas into either C <sub>2</sub> -C <sub>6</sub> organic acids or ethanol and higher alcohols. <i>Bioresource Technology</i> , 2019, 280, 387-395.	9.6	49
46	Experimental and neural model analysis of styrene removal from polluted air in a biofilter. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 941-948.	3.2	48
47	Carbon monoxide bioconversion to butanol-ethanol by <i>Clostridium carboxidivorans</i> : kinetics and toxicity of alcohols. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 4231-4240.	3.6	48
48	Effect of pH, yeast extract and inorganic carbon on chain elongation for hexanoic acid production. <i>Bioresource Technology</i> , 2020, 300, 122659.	9.6	47
49	Optimization of polyhydroxyalkanoate storage using mixed cultures and brewery wastewater. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 2817-2826.	3.2	46
50	Biofilter performance and characterization of a biocatalyst degrading alkylbenzene gases. <i>Biodegradation</i> , 1999, 10, 169-176.	3.0	45
51	Biofiltration of mixtures of gas-phase styrene and acetone with the fungus <i>Sporothrix variegatus</i> . <i>Journal of Hazardous Materials</i> , 2010, 184, 204-214.	12.4	45
52	Styrene removal in a biotrickling filter and a combined UV-activated biotrickling filter: Steady- and transient-state performance and microbial analysis. <i>Chemical Engineering Journal</i> , 2015, 275, 168-178.	12.7	44
53	Removal of formaldehyde, methanol, dimethylether and carbon monoxide from waste gases of synthetic resin-producing industries. <i>Chemosphere</i> , 2008, 70, 1357-1365.	8.2	43
54	Cheese whey fermentation into volatile fatty acids in an anaerobic sequencing batch reactor. <i>Bioresource Technology</i> , 2020, 308, 123226.	9.6	43

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55	Trophic relationships between <i>Saccharomyces cerevisiae</i> and <i>Lactobacillus plantarum</i> and their metabolism of glucose and citrate. <i>Applied and Environmental Microbiology</i> , 1991, 57, 1046-1051.	3.1	42
56	Performance of a thermophilic gas-phase biofilter treating high BTEX loads under steady- and transient-state operation. <i>International Biodeterioration and Biodegradation</i> , 2017, 119, 289-298.	3.9	41
57	Solventogenesis in <i>Clostridium aceticum</i> producing high concentrations of ethanol from syngas. <i>Bioresource Technology</i> , 2019, 292, 121941.	9.6	41
58	Performance of a fungal monolith bioreactor for the removal of styrene from polluted air. <i>Bioresource Technology</i> , 2010, 101, 2608-2615.	9.6	40
59	One-stage biotrickling filter for the removal of a mixture of volatile pollutants from air: Performance and microbial community analysis. <i>Bioresource Technology</i> , 2013, 138, 245-252.	9.6	39
60	Parameters affecting performance and modeling of biofilters treating alkylbenzene-polluted air. <i>Applied Microbiology and Biotechnology</i> , 2001, 55, 254-258.	3.6	38
61	Effect of pH control on the anaerobic $H_2$ fermentation of syngas in bioreactors. <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 1178-1185.	3.2	38
62	Improved biodegradation potential of chlorobenzene by a mixed fungal-bacterial consortium. <i>International Biodeterioration and Biodegradation</i> , 2017, 123, 276-285.	3.9	38
63	Enrichment of a solventogenic anaerobic sludge converting carbon monoxide and syngas into acids and alcohols. <i>Bioresource Technology</i> , 2019, 272, 130-136.	9.6	38
64	Replacement of Tryptophan Residues in Haloalkane Dehalogenase Reduces Halide Binding and Catalytic Activity. <i>FEBS Journal</i> , 1995, 228, 403-407.	0.2	38
65	Treatment of gas-phase methanol in conventional biofilters packed with lava rock. <i>Water Research</i> , 2005, 39, 2385-2393.	11.3	37
66	Combined post-ozonation and biological treatment of recalcitrant wastewater from a resin-producing factory. <i>Journal of Hazardous Materials</i> , 2007, 143, 285-290.	12.4	37
67	Bioplastic production using wood mill effluents as feedstock. <i>Water Science and Technology</i> , 2011, 63, 1196-1202.	2.5	37
68	Simultaneous nitrification and formaldehyde biodegradation in an activated sludge unit. <i>Bioresource Technology</i> , 2005, 96, 1914-1918.	9.6	36
69	Formaldehyde and urea removal in a denitrifying granular sludge blanket reactor. <i>Water Research</i> , 2004, 38, 3495-3502.	11.3	35
70	Steady- and transient-state operation of a two-stage bioreactor for the treatment of a gaseous mixture of hydrogen sulphide, methanol and $\alpha$ -pinene. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 336-348.	3.2	35
71	Production of acids and alcohols from syngas in a two-stage continuous fermentation process. <i>Bioresource Technology</i> , 2018, 253, 227-234.	9.6	35
72	Optimization of nutrient supply in a downflow gas-phase biofilter packed with an inert carrier. <i>Applied Microbiology and Biotechnology</i> , 2002, 59, 567-573.	3.6	34

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73	Removal of methanol from air in a low-pH trickling monolith bioreactor. <i>Process Biochemistry</i> , 2008, 43, 925-931.	3.7	33
74	Two-stage gas-phase bioreactor for the combined removal of hydrogen sulphide, methanol and pinene. <i>Environmental Technology (United Kingdom)</i> , 2009, 30, 1261-1272.	2.2	33
75	Influence of electron acceptors on hexanoic acid production by <i>Clostridium kluyveri</i> . <i>Journal of Environmental Management</i> , 2019, 242, 515-521.	7.8	33
76	Methanogenic degradation of p-cresol in batch and in continuous UASB reactors. <i>Water Research</i> , 1997, 31, 1549-1554.	11.3	32
77	Citrate metabolism by <i>Lactobacillus plantarum</i> isolated from orange juice. <i>Journal of Applied Bacteriology</i> , 1991, 70, 380-384.	1.1	30
78	Simultaneous biodegradation of p-cresol and phenol by the basidiomycete <i>Phanerochaete chrysosporium</i> . <i>Journal of Industrial Microbiology</i> , 1994, 13, 311-314.	0.9	30
79	Formaldehyde biodegradation and its inhibitory effect on nitrification. <i>Journal of Chemical Technology and Biotechnology</i> , 2004, 79, 499-504.	3.2	29
80	Development of a Novel Monolith-Bioreactor for the Treatment of VOC-polluted Air. <i>Environmental Technology (United Kingdom)</i> , 2006, 27, 1271-1277.	2.2	29
81	Ethanol and Acetic Acid Production from Carbon Monoxide in a <i>Clostridium</i> Strain in Batch and Continuous Gas-Fed Bioreactors. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 1029-1043.	2.6	29
82	Glucose bioconversion profile in the syngas-metabolizing species <i>Clostridium carboxidivorans</i> . <i>Bioresource Technology</i> , 2017, 244, 552-559.	9.6	29
83	Neural network models for biological waste-gas treatment systems. <i>New Biotechnology</i> , 2011, 29, 56-73.	4.4	28
84	Differences of cell surface characteristics between the bacterium <i>Pseudomonas veronii</i> and fungus <i>Ophiostoma stenoceras</i> and their different adsorption properties to hydrophobic organic compounds. <i>Science of the Total Environment</i> , 2019, 650, 2095-2106.	8.0	28
85	Effect of key parameters on the removal of formaldehyde and methanol in gas-phase biotrickling filters. <i>Journal of Hazardous Materials</i> , 2006, 138, 543-548.	12.4	27
86	Degradation of major compounds of creosotes (PAH and phenols) by <i>Phanerochaete chrysosporium</i> . <i>Biotechnology Letters</i> , 1994, 16, 759-764.	2.2	26
87	The SHARON process in the treatment of landfill leachate. <i>Water Science and Technology</i> , 2010, 61, 47-52.	2.5	26
88	Characterization of absorbent polymers for the removal of volatile hydrophobic pollutants from air. <i>Journal of Chemical Technology and Biotechnology</i> , 2011, 86, 47-53.	3.2	26
89	Combined biological and physicochemical waste-gas cleaning techniques. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2012, 47, 920-939.	1.7	26
90	Conventional Biofilters. <i>Environmental Pollution</i> , 2001, , 47-98.	0.4	26

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91	Efficient production of n-caproate from syngas by a co-culture of <i>Clostridium aceticum</i> and <i>Clostridium kluyveri</i> . <i>Journal of Environmental Management</i> , 2022, 302, 113992.	7.8	26
92	Effect of oil concentration and residence time on the biodegradation of $\alpha$ -pinene vapours in two-liquid phase suspended-growth bioreactors. <i>Journal of Biotechnology</i> , 2012, 157, 554-563.	3.8	25
93	Optimization of the treatment of carbon monoxide-polluted air in biofilters. <i>Chemosphere</i> , 2009, 74, 332-337.	8.2	24
94	An innovative nutritional slow-release packing material with functional microorganisms for biofiltration: Characterization and performance evaluation. <i>Journal of Hazardous Materials</i> , 2019, 366, 16-26.	12.4	23
95	Waste gas treatment in bioreactors: environmental engineering aspects This article is one of a selection of papers published in this Special Issue on Biological Air Treatment.. <i>Canadian Journal of Civil Engineering</i> , 2009, 36, 1887-1894.	1.3	22
96	Volatile fatty acids production from cheese whey: influence of pH, solid retention time and organic loading rate. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 1742-1747.	3.2	22
97	Biogas Technologies and Cleaning Techniques. <i>Environmental Chemistry for A Sustainable World</i> , 2012, , 347-377.	0.5	21
98	Effect of tungsten and selenium on C1 gas bioconversion by an enriched anaerobic sludge and microbial community analysis. <i>Chemosphere</i> , 2020, 250, 126105.	8.2	20
99	Transient-state studies and neural modeling of the removal of a gas-phase pollutant mixture in a biotrickling filter. <i>Journal of Hazardous Materials</i> , 2014, 269, 45-55.	12.4	19
100	Organic loading rate effect on the acidogenesis of cheese whey: a comparison between UASB and SBR reactors. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 3046-3054.	2.2	19
101	Treatment of waste gas contaminated with dichloromethane using photocatalytic oxidation, biodegradation and their combinations. <i>Journal of Hazardous Materials</i> , 2021, 405, 123735.	12.4	19
102	Co-digestion of cheese whey with sewage sludge for caproic acid production: Role of microbiome and polyhydroxyalkanoates potential production. <i>Bioresource Technology</i> , 2021, 337, 125388.	9.6	19
103	Engineering <i>Acetobacterium woodii</i> for the production of isopropanol and acetone from carbon dioxide and hydrogen. <i>Biotechnology Journal</i> , 2022, 17, e2100515.	3.5	18
104	Biofiltration of waste gases in a reactor with a split-feed. <i>Journal of Chemical Technology and Biotechnology</i> , 2003, 78, 703-708.	3.2	17
105	Autotrophic (C1-gas) versus heterotrophic (fructose) accumulation of acetic acid and ethanol in <i>Clostridium aceticum</i> . <i>Bioresource Technology</i> , 2021, 337, 125485.	9.6	17
106	Optimization of the landfill leachate treatment by the Fenton process. <i>Water and Environment Journal</i> , 2013, 27, 120-126.	2.2	16
107	Influence of feedstock mix ratio on microbial dynamics during acidogenic fermentation for polyhydroxyalkanoates production. <i>Journal of Environmental Management</i> , 2022, 303, 114132.	7.8	16
108	Methanogenic and perchloroethylene-dechlorinating activity of anaerobic granular sludge. <i>Applied Microbiology and Biotechnology</i> , 1998, 50, 484-488.	3.6	15

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109	A Comparative Study of Physical and Chemical Processes for Removal of Biomass in Biofilters. <i>Molecules</i> , 2011, 16, 6927-6949.	3.8	15
110	Mineralization of dichloromethane using solar-oxidation and activated TiO <sub>2</sub> : Pilot scale study. <i>Solar Energy</i> , 2018, 172, 116-127.	6.1	15
111	Valorization of sewage sludge in co-digestion with cheese whey to produce volatile fatty acids. <i>Waste Management</i> , 2020, 118, 541-551.	7.4	15
112	Bioproducts generation from carboxylate platforms by the non-conventional yeast <i>Yarrowia lipolytica</i> . <i>FEMS Yeast Research</i> , 2021, 21, .	2.3	15
113	Effect of phenol on the biological treatment of wastewaters from a resin producing industry. <i>Bioresource Technology</i> , 2008, 99, 3507-3512.	9.6	14
114	Valuable product production from wood mill effluents. <i>Water Science and Technology</i> , 2010, 62, 2294-2300.	2.5	14
115	Performance Evaluation and Neural Modeling of Gas-Phase Styrene Removal in One- and Two-Liquid Phase Suspended-Growth Bioreactors. <i>Industrial &amp; Engineering Chemistry Research</i> , 2011, 50, 6485-6495.	3.7	14
116	A composite microbial agent containing bacterial and fungal species: Optimization of the preparation process, analysis of characteristics, and use in the purification for volatile organic compounds. <i>Bioresource Technology</i> , 2016, 218, 751-760.	9.6	14
117	Removal of volatile sulfur compounds by solar advanced oxidation technologies and bioprocesses. <i>Solar Energy</i> , 2016, 135, 348-358.	6.1	14
118	Carbon dioxide bioconversion into single cell oils (lipids) in two reactors inoculated with <i>Acetobacterium woodii</i> and <i>Rhodospiridium toruloides</i> . <i>Journal of CO<sub>2</sub> Utilization</i> , 2021, 52, 101668.	6.8	14
119	Selective butanol production from carbon monoxide by an enriched anaerobic culture. <i>Science of the Total Environment</i> , 2022, 806, 150579.	8.0	13
120	Enhanced solventogenesis in syngas bioconversion: Role of process parameters and thermodynamics. <i>Chemosphere</i> , 2022, 299, 134425.	8.2	13
121	Valorization of agro-industrial wastes to produce volatile fatty acids: combined effect of substrate/inoculum ratio and initial alkalinity. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 3889-3899.	2.2	12
122	Biotechniques for air pollution control and bioenergy. <i>Journal of Chemical Technology and Biotechnology</i> , 2012, 87, 723-724.	3.2	10
123	Steady- and transient-state performance of a thermophilic suspended-growth bioreactor for $\alpha$ -pinene removal from polluted air. <i>Chemosphere</i> , 2013, 93, 2914-2921.	8.2	10
124	Effect of salinity on C <sub>1</sub> -gas fermentation by <i>Clostridium carboxidivorans</i> producing acids and alcohols. <i>AMB Express</i> , 2019, 9, 110.	3.0	10
125	Non-Biological Treatment Technologies. <i>Environmental Pollution</i> , 2001, , 17-46.	0.4	10
126	Fermentation of citrate by <i>Lactobacillus plantarum</i> in the presence of a yeast under acid conditions. <i>Applied Microbiology and Biotechnology</i> , 1991, 35, 369-372.	3.6	9



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127	Polyhydroxyalkanoates production from syngas fermentation effluents: Effect of nitrogen availability. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106662.	6.7	9
128	New insights in biodegradation of organic pollutants. <i>Bioresource Technology</i> , 2022, 347, 126737.	9.6	8
129	Kinetics of growth of <i>Lactobacillus plantarum</i> with glucose, organic acids (malate, citrate, acetate) and ethanol. <i>Biotechnology Letters</i> , 1995, 17, 899-904.	2.2	7
130	Formaldehyde biodegradation in the presence of methanol under denitrifying conditions. <i>Journal of Chemical Technology and Biotechnology</i> , 2006, 81, 312-317.	3.2	7
131	Syngas Fermentation for Bioethanol and Bioproducts. , 2019, , 207-221.		7
132	Novel Bioreactors for Waste Gas Treatment. <i>Environmental Chemistry for A Sustainable World</i> , 2012, , 121-170.	0.5	6
133	Use of Styrene as Sole Carbon Source by the Fungus <i>Exophiala oligosperma</i> : Optimization and Modeling of Biodegradation, Pathway Elucidation, and Cell Membrane Composition. <i>Applied Biochemistry and Biotechnology</i> , 2012, 168, 1351-1371.	2.9	6
134	Optimization of the performance of a thermophilic biotrickling filter for $\alpha$ -pinene removal from polluted air. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 2466-2475.	2.2	6
135	Influence of polymeric materials on the performance of a mesophilic biotrickling filter treating an $\alpha$ -pinene contaminated gas stream. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 658-668.	3.2	6
136	Bioconversion Processes. <i>Fermentation</i> , 2018, 4, 21.	3.0	6
137	Fundamentals of Air Pollution. <i>Environmental Pollution</i> , 2001, , 3-15.	0.4	6
138	Review: Waste gas biotreatment technology. <i>Journal of Chemical Technology and Biotechnology</i> , 1998, 72, 303-319.	3.2	5
139	Bioproduction of acetic acid from carbon dioxide as single substrate and zero valent iron (ZVI) by clostridia. <i>Journal of CO2 Utilization</i> , 2022, 58, 101915.	6.8	5
140	Enhanced Ethanol Production From Carbon Monoxide by Enriched <i>Clostridium</i> Bacteria. <i>Frontiers in Microbiology</i> , 2021, 12, 754713.	3.5	5
141	Influence of solid polymers on the response of multi-phase bioreactors treating $\alpha$ -pinene-polluted air. <i>New Biotechnology</i> , 2014, 31, 475-481.	4.4	4
142	Computation of pH evolution versus ionic products concentration in a fermentation broth. <i>Biotechnology and Bioengineering</i> , 1993, 41, 830-832.	3.3	3
143	Biodegradation of Mono-Aromatic Hydrocarbons by Fungi. <i>Environmental Science and Engineering</i> , 2012, , 177-188.	0.2	3
144	Biotreatment of gas-phase VOC mixtures from fibreglass and composite manufacturing industry. <i>Journal of Biotechnology</i> , 2010, 150, 218-219.	3.8	2

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145	Biotreatment of a gas-phase volatile mixture from fibreglass and composite manufacturing industries. <i>New Biotechnology</i> , 2011, 29, 46-55.	4.4	2
146	Artificial Neural Network Modelling for Waste. , 0, , 224-263.		2
147	Effect of Endogenous and Exogenous Butyric Acid on Butanol Production From CO by Enriched Clostridia. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 828316.	4.1	2
148	FORMALDEHYDE BIODEGRADATION AND ITS EFFECT ON THE DENITRIFICATION PROCESS. <i>Environmental Technology (United Kingdom)</i> , 2007, 28, 1027-1033.	2.2	1
149	Air pollution control. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 307-308.	3.2	1
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