

Christian Kennes

List of Publications by Year in Descending Order

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

178
papers

5,111
citations

42
h-index

63
g-index

190
ext. papers

5,679
ext. citations

6.9
avg, IF

6.05
L-index

#	Paper	IF	Citations
178	Engineering <i>Acetobacterium woodii</i> for the production of isopropanol and acetone from carbon dioxide and hydrogen.. <i>Biotechnology Journal</i> , 2022 , e2100515	5.6	2
177	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	7.6	1
176	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	7.9	6
175	Selective butanol production from carbon monoxide by an enriched anaerobic culture. <i>Science of the Total Environment</i> , 2022 , 806, 150579	10.2	4
174	Effect of Endogenous and Exogenous Butyric Acid on Butanol Production From CO by Enriched .. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022 , 10, 828316	5.8	2
173	Enhanced solventogenesis in syngas bioconversion: Role of process parameters and thermodynamics.. <i>Chemosphere</i> , 2022 , 134425	8.4	1
172	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 ⁴	3.6	4
171	Influence of feedstock mix ratio on microbial dynamics during acidogenic fermentation for polyhydroxyalkanoates production. <i>Journal of Environmental Management</i> , 2021 , 303, 114132	7.9	1
170	Polyhydroxyalkanoates production from syngas fermentation effluents: Effect of nitrogen availability. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106662	6.8	1
169	Treatment of waste gas contaminated with dichloromethane using photocatalytic oxidation, biodegradation and their combinations. <i>Journal of Hazardous Materials</i> , 2021 , 405, 123735	12.8	10
168	Bioproducts generation from carboxylate platforms by the non-conventional yeast <i>Yarrowia lipolytica</i> . <i>FEMS Yeast Research</i> , 2021 , 21,	3.1	3
167	Autotrophic (C-gas) versus heterotrophic (fructose) accumulation of acetic acid and ethanol in <i>Clostridium aceticum</i> . <i>Bioresource Technology</i> , 2021 , 337, 125485	11	4
166	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	11	5
165	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 CO2 Utilization</i> , 2021 , 52, 101668	7.6	1
164	Enhanced Ethanol Production From Carbon Monoxide by Enriched Bacteria. <i>Frontiers in Microbiology</i> , 2021 , 12, 754713	5.7	1
163	Effect of tungsten and selenium on C gas bioconversion by an enriched anaerobic sludge and microbial community analysis. <i>Chemosphere</i> , 2020 , 250, 126105	8.4	8
162	Cheese whey fermentation into volatile fatty acids in an anaerobic sequencing batch reactor. <i>Bioresource Technology</i> , 2020 , 308, 123226	11	19

161	Effect of pH, yeast extract and inorganic carbon on chain elongation for hexanoic acid production. <i>Bioresource Technology</i> , 2020 , 300, 122659	11	21
160	Valorization of sewage sludge in co-digestion with cheese whey to produce volatile fatty acids. <i>Waste Management</i> , 2020 , 118, 541-551	8.6	8
159	Effect of salinity on C1-gas fermentation by <i>Clostridium carboxidivorans</i> producing acids and alcohols. <i>AMB Express</i> , 2019 , 9, 110	4.1	7
158	Influence of electron acceptors on hexanoic acid production by <i>Clostridium kluyveri</i> . <i>Journal of Environmental Management</i> , 2019 , 242, 515-521	7.9	14
157	Solventogenesis in <i>Clostridium aceticum</i> producing high concentrations of ethanol from syngas. <i>Bioresource Technology</i> , 2019 , 292, 121941	11	25
156	Syngas Fermentation for Bioethanol and Bioproducts 2019 , 207-221		5
155	Valorization of sewage sludge for volatile fatty acids production and role of microbiome on acidogenic fermentation. <i>Bioresource Technology</i> , 2019 , 291, 121817	11	37
154	Gas-Phase Bioreactors 2019 , 446-463		0
153	Selective anaerobic fermentation of syngas into either C-C organic acids or ethanol and higher alcohols. <i>Bioresource Technology</i> , 2019 , 280, 387-395	11	30
152	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	12.8	15
151	Enrichment of a solventogenic anaerobic sludge converting carbon monoxide and syngas into acids and alcohols. <i>Bioresource Technology</i> , 2019 , 272, 130-136	11	27
150	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	10.2	17
149	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	3.5	16
148	Production of acids and alcohols from syngas in a two-stage continuous fermentation process. <i>Bioresource Technology</i> , 2018 , 253, 227-234	11	27
147	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	2.6	13
146	Mineralization of dichloromethane using solar-oxidation and activated TiO ₂ : Pilot scale study. <i>Solar Energy</i> , 2018 , 172, 116-127	6.8	11
145	Current advances of VOCs degradation by bioelectrochemical systems: A review. <i>Chemical Engineering Journal</i> , 2018 , 334, 2625-2637	14.7	135
144	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	12.8	46

143	H-B-E (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	3.5	73
142	Effect of pH control on the anaerobic H-B-E fermentation of syngas in bioreactors. <i>Journal of Chemical Technology and Biotechnology</i> , 2017 , 92, 1178-1185	3.5	26
141	Production of chemicals from C1 gases (CO, CO) by <i>Clostridium carboxidivorans</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2017 , 33, 43	4.4	39
140	Integrated bioconversion of syngas into bioethanol and biopolymers. <i>Bioresource Technology</i> , 2017 , 239, 244-249	11	47
139	Anaerobic digestion of tuna waste for the production of volatile fatty acids. <i>Waste Management</i> , 2017 , 68, 96-102	8.6	53
138	Isolation and Characterization of Thermophilic Bacteria from Jordanian Hot Springs: and Isolates as Potential Producers of Thermostable Enzymes. <i>International Journal of Microbiology</i> , 2017 , 2017, 6943952	3.6	61
137	Improved biodegradation potential of chlorobenzene by a mixed fungal-bacterial consortium. <i>International Biodeterioration and Biodegradation</i> , 2017 , 123, 276-285	4.8	25
136	Glucose bioconversion profile in the syngas-metabolizing species <i>Clostridium carboxidivorans</i> . <i>Bioresource Technology</i> , 2017 , 244, 552-559	11	20
135	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	4.8	35
134	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, 751-60	11	13
133	Removal of volatile sulfur compounds by solar advanced oxidation technologies and bioprocesses. <i>Solar Energy</i> , 2016 , 135, 348-358	6.8	9
132	Improved operating strategy for continuous fermentation of carbon monoxide to fuel-ethanol by clostridia. <i>Applied Energy</i> , 2016 , 169, 210-217	10.7	45
131	Efficient butanol-ethanol (B-E) production from carbon monoxide fermentation by <i>Clostridium carboxidivorans</i> . <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 3361-70	5.7	74
130	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	12.8	78
129	Optimization of polyhydroxyalkanoate storage using mixed cultures and brewery wastewater. <i>Journal of Chemical Technology and Biotechnology</i> , 2016 , 91, 2817-2826	3.5	29
128	Bioethanol production from biomass: carbohydrate vs syngas fermentation. <i>Journal of Chemical Technology and Biotechnology</i> , 2016 , 91, 304-317	3.5	100
127	Carbon monoxide bioconversion to butanol-ethanol by <i>Clostridium carboxidivorans</i> : kinetics and toxicity of alcohols. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 4231-40	5.7	32
126	Impact of cyclic pH shifts on carbon monoxide fermentation to ethanol by <i>Clostridium autoethanogenum</i> . <i>Fuel</i> , 2016 , 178, 56-62	7.1	44

125	Styrene removal in a biotrickling filter and a combined UVBiotrickling filter: Steady- and transient-state performance and microbial analysis. <i>Chemical Engineering Journal</i> , 2015 , 275, 168-178	14.7	34
124	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	11	90
123	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, 1029-43	4.6	23
122	Influence of polymeric materials on the performance of a mesophilic biotrickling filter treating an α -pinene contaminated gas stream. <i>Journal of Chemical Technology and Biotechnology</i> , 2015 , 90, 658-668	3.5	6
121	Optimization of the performance of a thermophilic biotrickling filter for alpha-pinene removal from polluted air. <i>Environmental Technology (United Kingdom)</i> , 2014 , 35, 2466-75	2.6	6
120	Influence of solid polymers on the response of multi-phase bioreactors treating α -pinene-polluted air. <i>New Biotechnology</i> , 2014 , 31, 475-81	6.4	4
119	Waste gas treatment in bioreactors: environmental engineering aspects. <i>Journal of Environmental Engineering and Science</i> , 2014 , 9, 20-28	0.8	
118	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	12.8	12
117	Identification and Characterization of Microbial Communities in Bioreactors 2013 , 31-56		
116	Biogas 2013 , 319-343		
115	Bioscrubbers 2013 , 139-153		2
114	Innovative Bioreactors and Two-Stage Systems 2013 , 221-246		
113	Industrial Bioscrubbers for the Food and Waste Industries 2013 , 497-511		1
112	Biotrickling Filters for Removal of Volatile Organic Compounds from Air in the Coating Sector 2013 , 485-496		2
111	Steady- and transient-state performance of a thermophilic suspended-growth bioreactor for α -pinene removal from polluted air. <i>Chemosphere</i> , 2013 , 93, 2914-21	8.4	10
110	Desulfurization of Biogas in Biotrickling Filters 2013 , 513-523		4
109	Biogas Upgrading 2013 , 293-318		1
108	Bioprocesses for the Removal of Nitrogen Oxides 2013 , 275-291		

107	Rotating Biological Contactors 2013 , 207-220		2
106	Two-Phase Partitioning Bioreactors 2013 , 185-205		1
105	Biofilters 2013 , 57-119		5
104	Biodegradation and Bioconversion of Volatile Pollutants 2013 , 19-30		2
103	Introduction to Air Pollution 2013 , 1-18		0
102	Biohydrogen 2013 , 345-381		5
101	Catalytic Biodiesel Production 2013 , 383-397		3
100	Bioethanol 2013 , 431-463		6
99	Biotrickling Filtration of Waste Gases from the Viscose Industry 2013 , 465-484		
98	Optimization of the landfill leachate treatment by the Fenton process. <i>Water and Environment Journal</i> , 2013 , 27, 120-126	1.7	13
97	Biotrickling Filters 2013 , 121-138		2
96	Bioprocesses for the Removal of Volatile Sulfur Compounds from Gas Streams 2013 , 247-274		3
95	Membrane Bioreactors 2013 , 155-183		
94	Microalgal Biodiesel 2013 , 399-430		
93	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, 245-52	11	32
92	Full-Scale Biogas Upgrading 2013 , 525-544		
91	2013 ,		14
90	Biodegradation of BTEX in a fungal biofilter: influence of operational parameters, effect of shock-loads and substrate stratification. <i>Bioresource Technology</i> , 2012 , 116, 204-13	11	80

89	Biological conversion of carbon monoxide to ethanol: effect of pH, gas pressure, reducing agent and yeast extract. <i>Bioresource Technology</i> , 2012 , 114, 518-22	11	80
88	Biogas Technologies and Cleaning Techniques. <i>Environmental Chemistry for A Sustainable World</i> , 2012 , 347-377	0.8	18
87	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, 920-39	2.3	25
86	Effect of oil concentration and residence time on the biodegradation of Pinene vapours in two-liquid phase suspended-growth bioreactors. <i>Journal of Biotechnology</i> , 2012 , 157, 554-63	3.7	20
85	Evaluation of the biomethane potential of solid fish waste. <i>Waste Management</i> , 2012 , 32, 1347-52	8.6	57
84	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, 1351-71	3.2	4
83	Novel Bioreactors for Waste Gas Treatment. <i>Environmental Chemistry for A Sustainable World</i> , 2012 , 121-130	1.80	5
82	Biodegradation of Mono-Aromatic Hydrocarbons by Fungi. <i>Environmental Science and Engineering</i> , 2012 , 177-188	0.2	3
81	A comparative study of physical and chemical processes for removal of biomass in biofilters. <i>Molecules</i> , 2011 , 16, 6927-49	4.8	12
80	Neural network models for biological waste-gas treatment systems. <i>New Biotechnology</i> , 2011 , 29, 56-73	6.4	21
79	Biotreatment of a gas-phase volatile mixture from fibreglass and composite manufacturing industries. <i>New Biotechnology</i> , 2011 , 29, 46-55	6.4	1
78	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	3.5	25
77	Biological conversion of carbon monoxide: rich syngas or waste gases to bioethanol. <i>Biofuels, Bioproducts and Biorefining</i> , 2011 , 5, 93-114	5.3	159
76	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, 6791-800	11	58
75	Performance Evaluation and Neural Modeling of Gas-Phase Styrene Removal in One- and Two-Liquid Phase Suspended-Growth Bioreactors. <i>Industrial & Engineering Chemistry Research</i> , 2011 , 50, 6485-6495	3.9	14
74	Bioplastic production using wood mill effluents as feedstock. <i>Water Science and Technology</i> , 2011 , 63, 1196-202	2.2	31
73	The SHARON process in the treatment of landfill leachate. <i>Water Science and Technology</i> , 2010 , 61, 47-52.	2	24
72	Valuable product production from wood mill effluents. <i>Water Science and Technology</i> , 2010 , 62, 2294-300.	2	13

71	Biodegradation of gas-phase styrene using the fungus <i>Sporothrix variecibatus</i> : impact of pollutant load and transient operation. <i>Chemosphere</i> , 2010 , 79, 221-7	8.4	64
70	Steady- and transient-state operation of a two-stage bioreactor for the treatment of a gaseous mixture of hydrogen sulphide, methanol and α -pinene. <i>Journal of Chemical Technology and Biotechnology</i> , 2010 , 85, 336-348	3.5	30
69	Biotreatment of gas-phase VOC mixtures from fibreglass and composite manufacturing industry. <i>Journal of Biotechnology</i> , 2010 , 150, 218-219	3.7	2
68	Biofiltration of mixtures of gas-phase styrene and acetone with the fungus <i>Sporothrix variecibatus</i> . <i>Journal of Hazardous Materials</i> , 2010 , 184, 204-214	12.8	40
67	Two-liquid-phase mesophilic and thermophilic biotrickling filters for the biodegradation of α -pinene. <i>Bioresource Technology</i> , 2010 , 101, 9493-9	11	45
66	Performance of a fungal monolith bioreactor for the removal of styrene from polluted air. <i>Bioresource Technology</i> , 2010 , 101, 2608-15	11	35
65	α -Pinene removal from air in one- and two- liquid-phase thermophilic and mesophilic biotrickling filters 2010 , 23-26		1
64	Biodegradation of gas phase mixtures of styrene and acetone in a biofilter inoculated with the fungus <i>Sporothrix variecibatus</i> 2010 , 331-334		
63	Bioprocesses for waste gas treatment 2010 , 3-7		
62	Performance of a monolith bioreactor for the removal of styrene from polluted air 2010 , 299-303		
61	Removal of α -pinene from waste gases through air diffusion into one- and two- liquid-phase suspended-growth bioreactors 2010 , 305-308		
60	Two-stage gas-phase bioreactor for the combined removal of hydrogen sulphide, methanol and α -pinene. <i>Environmental Technology (United Kingdom)</i> , 2009 , 30, 1261-72	2.6	24
59	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	3.5	41
58	Bioprocesses for air pollution control. <i>Journal of Chemical Technology and Biotechnology</i> , 2009 , 84, 1419-1436	3.56	191
57	Biotechniques for air pollution control (biotechniques 2009). <i>Reviews in Environmental Science and Biotechnology</i> , 2009 , 8, 321-323	13.9	
56	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, 282-90	12.8	43
55	Optimization of the treatment of carbon monoxide-polluted air in biofilters. <i>Chemosphere</i> , 2009 , 74, 332-7	8.4	21
54	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	12.5	84

53	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	20
52	Biofilters, Air Purification 2009 , 1		
51	Removal of formaldehyde, methanol, dimethylether and carbon monoxide from waste gases of synthetic resin-producing industries. <i>Chemosphere</i> , 2008 , 70, 1357-65	8.4	38
50	Removal of methanol from air in a low-pH trickling monolith bioreactor. <i>Process Biochemistry</i> , 2008 , 43, 925-931	4.8	29
49	Effect of phenol on the biological treatment of wastewaters from a resin producing industry. <i>Bioresource Technology</i> , 2008 , 99, 3507-12	11	12
48	Fungal biofiltration of alpha-pinene: effects of temperature, relative humidity, and transient loads. <i>Biotechnology and Bioengineering</i> , 2007 , 96, 433-43	4.9	73
47	Mesophilic and thermophilic biotreatment of BTEX-polluted air in reactors. <i>Biotechnology and Bioengineering</i> , 2007 , 97, 1423-38	4.9	83
46	Combined post-ozonation and biological treatment of recalcitrant wastewater from a resin-producing factory. <i>Journal of Hazardous Materials</i> , 2007 , 143, 285-90	12.8	26
45	Formaldehyde biodegradation and its effect on the denitrification process. <i>Environmental Technology (United Kingdom)</i> , 2007 , 28, 1027-33	2.6	1
44	Co-treatment of hydrogen sulfide and methanol in a single-stage biotrickling filter under acidic conditions. <i>Chemosphere</i> , 2007 , 68, 1186-93	8.4	53
43	Formaldehyde biodegradation in the presence of methanol under denitrifying conditions. <i>Journal of Chemical Technology and Biotechnology</i> , 2006 , 81, 312-317	3.5	4
42	Development of a novel monolith-bioreactor for the treatment of VOC-polluted air. <i>Environmental Technology (United Kingdom)</i> , 2006 , 27, 1271-7	2.6	28
41	Performance optimization of the fungal biodegradation of α -pinene in gas-phase biofilter. <i>Process Biochemistry</i> , 2006 , 41, 1722-1728	4.8	77
40	Effect of key parameters on the removal of formaldehyde and methanol in gas-phase biotrickling filters. <i>Journal of Hazardous Materials</i> , 2006 , 138, 543-8	12.8	25
39	Biodegradation and effect of formaldehyde and phenol on the denitrification process. <i>Water Research</i> , 2005 , 39, 449-55	12.5	48
38	Treatment of gas-phase methanol in conventional biofilters packed with lava rock. <i>Water Research</i> , 2005 , 39, 2385-93	12.5	35
37	Phenol biodegradation and its effect on the nitrification process. <i>Water Research</i> , 2005 , 39, 2915-20	12.5	83
36	Simultaneous nitrification and formaldehyde biodegradation in an activated sludge unit. <i>Bioresource Technology</i> , 2005 , 96, 1914-8	11	29

35	Effects of pH, CO ₂ , and flow pattern on the autotrophic degradation of hydrogen sulfide in a biotrickling filter. <i>Biotechnology and Bioengineering</i> , 2005 , 92, 462-71	4.9	53
34	Bioprocesses for the removal of nitrogen oxides from polluted air. <i>Journal of Chemical Technology and Biotechnology</i> , 2005 , 80, 483-494	3.5	107
33	Autotrophic deodorization of hydrogen sulfide in a biotrickling filter. <i>Journal of Chemical Technology and Biotechnology</i> , 2005 , 80, 998-1004	3.5	57
32	Biofiltration of waste gases with the fungi <i>Exophiala oligosperma</i> and <i>Paecilomyces variotii</i> . <i>Applied Microbiology and Biotechnology</i> , 2005 , 67, 563-8	5.7	66
31	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, 33-7	4.2	51
30	Biofiltration of waste gases containing a mixture of formaldehyde and methanol. <i>Applied Microbiology and Biotechnology</i> , 2004 , 65, 235-42	5.7	48
29	Formaldehyde biodegradation and its inhibitory effect on nitrification. <i>Journal of Chemical Technology and Biotechnology</i> , 2004 , 79, 499-504	3.5	22
28	Hydrodynamic behaviour and comparison of technologies for the removal of excess biomass in gas-phase biofilters. <i>Water Research</i> , 2004 , 38, 404-13	12.5	58
27	Formaldehyde and urea removal in a denitrifying granular sludge blanket reactor. <i>Water Research</i> , 2004 , 38, 3495-502	12.5	28
26	Fungal biocatalysts in the biofiltration of VOC-polluted air. <i>Journal of Biotechnology</i> , 2004 , 113, 305-19	3.7	194
25	Biofiltration of waste gases in a reactor with a split-feed. <i>Journal of Chemical Technology and Biotechnology</i> , 2003 , 78, 703-708	3.5	17
24	Optimization of nutrient supply in a downflow gas-phase biofilter packed with an inert carrier. <i>Applied Microbiology and Biotechnology</i> , 2002 , 59, 567-73	5.7	33
23	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	13.9	71
22	Parameters affecting performance and modeling of biofilters treating alkylbenzene-polluted air. <i>Applied Microbiology and Biotechnology</i> , 2001 , 55, 254-8	5.7	36
21	Kinetics of inhibition in the biodegradation of monoaromatic hydrocarbons in presence of heavy metals. <i>Bioresource Technology</i> , 2001 , 78, 181-5	11	89
20	Fundamentals of Air Pollution. <i>Environmental Pollution</i> , 2001 , 3-15	0	5
19	Non-Biological Treatment Technologies. <i>Environmental Pollution</i> , 2001 , 17-46	0	7
18	Conventional Biofilters. <i>Environmental Pollution</i> , 2001 , 47-98	0	25

17	Biofilter performance and characterization of a biocatalyst degrading alkylbenzene gases. <i>Biodegradation</i> , 1999 , 10, 169-76	4.1	37
16	Review: Waste gas biotreatment technology. <i>Journal of Chemical Technology and Biotechnology</i> , 1998 , 72, 303-319	3.5	200
15	Methanogenic and perchloroethylene-dechlorinating activity of anaerobic granular sludge. <i>Applied Microbiology and Biotechnology</i> , 1998 , 50, 484-8	5.7	14
14	Review: Waste gas biotreatment technology 1998 , 72, 303		4
13	Methanogenic degradation of p-cresol in batch and in continuous UASB reactors. <i>Water Research</i> , 1997 , 31, 1549-1554	12.5	26
12	Anaerobic dechlorination and mineralization of pentachlorophenol and 2,4,6-trichlorophenol by methanogenic pentachlorophenol-degrading granules. <i>Applied Microbiology and Biotechnology</i> , 1996 , 44, 801-6	5.7	50
11	Design and performance of biofilters for the removal of alkylbenzene vapors. <i>Journal of Chemical Technology and Biotechnology</i> , 1996 , 66, 300-304	3.5	69
10	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	3	6
9	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, 195-200	3.3	53
8	Simultaneous biodegradation of p-cresol and phenol by the basidiomycete <i>Phanerochaete chrysosporium</i> . <i>Journal of Industrial Microbiology</i> , 1994 , 13, 311-4		26
7	Degradation of major compounds of creosotes (PAH and phenols) by <i>Phanerochaete chrysosporium</i> . <i>Biotechnology Letters</i> , 1994 , 16, 759-764	3	22
6	Durable continuous fermentation of a model mixture of d(+)-glucose and l(-)-sodium monoglutamate under non-axenic conditions. <i>Applied Microbiology and Biotechnology</i> , 1993 , 40, 40	5.7	
5	Computation of pH evolution versus ionic products concentration in a fermentation broth. <i>Biotechnology and Bioengineering</i> , 1993 , 41, 830-2	4.9	2
4	Citrate metabolism by <i>Lactobacillus plantarum</i> isolated from orange juice. <i>Journal of Applied Bacteriology</i> , 1991 , 70, 380-384		30
3	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	5.7	8
2	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, 1046-51	4.8	26
1	Artificial Neural Network Modelling for Waste		224-263