

Birgitte K Ahring

List of Publications by Year in descending order

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136
papers

7,679
citations

38660

50
h-index

62479

80
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137
all docs

137
docs citations

137
times ranked

7745
citing authors

#	ARTICLE	IF	CITATIONS
1	Homo-Acetogens: Their Metabolism and Competitive Relationship with Hydrogenotrophic Methanogens. <i>Microorganisms</i> , 2022, 10, 397.	1.6	24
2	Degrading chlorinated aliphatics by reductive dechlorination of groundwater samples from the Santa Susana Field Laboratory. <i>Chemosphere</i> , 2022, 298, 134115.	4.2	7
3	Anaerobic Digestion of Digested Manure Fibers: Influence of Thermal and Alkaline Thermal Pretreatment on the Biogas Yield. <i>Bioenergy Research</i> , 2021, 14, 891-900.	2.2	13
4	Increasing the Production of Volatile Fatty Acids from Corn Stover Using Bioaugmentation of a Mixed Rumen Culture with Homoacetogenic Bacteria. <i>Microorganisms</i> , 2021, 9, 337.	1.6	20
5	Influence of wet oxidation pretreatment with hydrogen peroxide and addition of clarified manure on anaerobic digestion of oil palm empty fruit bunches. <i>Bioresource Technology</i> , 2021, 332, 125033.	4.8	11
6	Anaerobic Biodegradation of Wheat Straw Lignin: The Influence of Wet Explosion Pretreatment. <i>Energies</i> , 2021, 14, 5940.	1.6	10
7	Improving methane yield of oil palm empty fruit bunches by wet oxidation pretreatment: Mesophilic and thermophilic anaerobic digestion conditions and the associated global warming potential effects. <i>Energy Conversion and Management</i> , 2020, 225, 113438.	4.4	35
8	Enhancing the hydrolysis process in a dry anaerobic digestion process for the organic fraction of municipal solid waste. <i>Bioresource Technology Reports</i> , 2020, 11, 100542.	1.5	2
9	Sugar Production from Hybrid Poplar Sawdust: Optimization of Enzymatic Hydrolysis and Wet Explosion Pretreatment. <i>Molecules</i> , 2020, 25, 3396.	1.7	14
10	Continuous in-situ extraction of acetic acid produced by <i>Acetobacterium woodii</i> during fermentation of hydrogen and carbon dioxide using Amberlite FPA53 ion exchange resins. <i>Bioresource Technology Reports</i> , 2020, 12, 100568.	1.5	11
11	Rheology of Polyacrylonitrile/Lignin Blends in Ionic Liquids under Melt Spinning Conditions. <i>Molecules</i> , 2019, 24, 2650.	1.7	7
12	Kinetic Study on Heterotrophic Growth of <i>Acetobacterium woodii</i> on Lignocellulosic Substrates for Acetic Acid Production. <i>Fermentation</i> , 2019, 5, 17.	1.4	19
13	Engineering an Associate Degree-Level STEM Workforce Education Curriculum. <i>Community College Journal of Research and Practice</i> , 2018, 42, 405-421.	0.8	3
14	Anaerobic digestion of organic fraction from hydrothermal liquefied algae wastewater byproduct. <i>Bioresource Technology</i> , 2018, 247, 250-258.	4.8	74
15	Identification of metabolite and protein explanatory variables governing microbiome establishment and re-establishment within a cellulose-degrading anaerobic bioreactor. <i>PLoS ONE</i> , 2018, 13, e0204831.	1.1	0
16	A comparison of <i>Agrobacterium</i> -mediated transformation and protoplast-mediated transformation with CRISPR-Cas9 and bipartite gene targeting substrates, as effective gene targeting tools for <i>Aspergillus carbonarius</i> . <i>Journal of Microbiological Methods</i> , 2017, 135, 26-34.	0.7	52
17	Alkane biosynthesis by <i>Aspergillus carbonarius</i> ITEM 5010 through heterologous expression of <i>Synechococcus elongatus</i> acyl-ACP/CoA reductase and aldehyde deformylating oxygenase genes. <i>AMB Express</i> , 2017, 7, 18.	1.4	19
18	Biochemical Production and Separation of Carboxylic Acids for Biorefinery Applications. <i>Fermentation</i> , 2017, 3, 22.	1.4	105

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19	Properties of plant nutrient: Comparison of two nutrient recovery techniques using liquid fraction of digestate from anaerobic digester treating pig manure. <i>Science of the Total Environment</i> , 2016, 544, 774-781.	3.9	62
20	Continuous fermentation of clarified corn stover hydrolysate for the production of lactic acid at high yield and productivity. <i>Biochemical Engineering Journal</i> , 2016, 109, 162-169.	1.8	60
21	Enhanced succinic acid production in <i>Aspergillus saccharolyticus</i> by heterologous expression of fumarate reductase from <i>Trypanosoma brucei</i> . <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 1799-1809.	1.7	27
22	Pretreatment of forest residues of Douglas fir by wet explosion for enhanced enzymatic saccharification. <i>Bioresource Technology</i> , 2015, 192, 46-53.	4.8	23
23	Heterologous expression of cellobiohydrolases in filamentous fungi – An update on the current challenges, achievements and perspectives. <i>Process Biochemistry</i> , 2015, 50, 211-220.	1.8	25
24	Optimization of the Co-Digestion of Catch Crops with Manure Using a Central Composite Design and Reactor Operation. <i>Applied Biochemistry and Biotechnology</i> , 2015, 175, 1710-1723.	1.4	6
25	Wet Explosion: a Universal and Efficient Pretreatment Process for Lignocellulosic Biorefineries. <i>Bioenergy Research</i> , 2015, 8, 1101-1116.	2.2	87
26	Biogas production from catch crops: Increased yield by combined harvest of catch crops and straw and preservation by ensiling. <i>Biomass and Bioenergy</i> , 2015, 79, 3-11.	2.9	18
27	Biochar of corn stover: Microwave-assisted pyrolysis condition induced changes in surface functional groups and characteristics. <i>Journal of Analytical and Applied Pyrolysis</i> , 2015, 115, 149-156.	2.6	102
28	Isomerization of hexoses from enzymatic hydrolysate of poplar sawdust using low leaching K_2MgSiO_4 catalysts for one-pot synthesis of HMF. <i>RSC Advances</i> , 2015, 5, 96990-96996.	1.7	1
29	Making lignin accessible for anaerobic digestion by wet-explosion pretreatment. <i>Bioresource Technology</i> , 2015, 175, 182-188.	4.8	86
30	Performance and stability of Amberlite, IRA-67 ion exchange resin for product extraction and pH control during homolactic fermentation of corn stover sugars. <i>Biochemical Engineering Journal</i> , 2015, 94, 1-8.	1.8	32
31	Comparison of SHF and SSF of wet exploded corn stover and loblolly pine using in-house enzymes produced from <i>T. reesei</i> RUT C30 and <i>A. saccharolyticus</i> . <i>SpringerPlus</i> , 2014, 3, 516.	1.2	30
32	Integrated omics analysis for studying the microbial community response to a pH perturbation of a cellulose-degrading bioreactor culture. <i>FEMS Microbiology Ecology</i> , 2014, 90, 802-815.	1.3	10
33	Process Modeling of Enzymatic Hydrolysis of Wet-Exploded Corn Stover. <i>Bioenergy Research</i> , 2014, 7, 450-459.	2.2	13
34	Point mutation of the xylose reductase (XR) gene reduces xylitol accumulation and increases citric acid production in <i>Aspergillus carbonarius</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2014, 41, 733-739.	1.4	22
35	Design and optimization of a semi-continuous high pressure carbon dioxide extraction system for acetic acid. <i>Journal of Supercritical Fluids</i> , 2014, 95, 243-251.	1.6	6
36	Liquid-Liquid Extraction of Biomass Pyrolysis Bio-oil. <i>Energy & Fuels</i> , 2014, 28, 1207-1212.	2.5	84

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37	Quantitative monitoring of yeast fermentation using Raman spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 4911-4919.	1.9	41
38	New generation NMR bioreactor coupled with high-resolution NMR spectroscopy leads to novel discoveries in <i>Moorella thermoacetica</i> metabolic profiles. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 8367-8375.	1.7	14
39	Wet explosion pretreatment of sugarcane bagasse for enhanced enzymatic hydrolysis. <i>Biomass and Bioenergy</i> , 2014, 61, 104-113.	2.9	65
40	On-site enzymes produced from <i>Trichoderma reesei</i> RUT-C30 and <i>Aspergillus saccharolyticus</i> for hydrolysis of wet exploded corn stover and loblolly pine. <i>Bioresource Technology</i> , 2014, 154, 282-289.	4.8	74
41	Screening of carbon sources for beta-glucosidase production by <i>Aspergillus saccharolyticus</i> . <i>International Biodeterioration and Biodegradation</i> , 2014, 93, 78-83.	1.9	24
42	Biogas production from catch crops: Evaluation of biomass yield and methane potential of catch crops in organic crop rotations. <i>Biomass and Bioenergy</i> , 2013, 59, 285-292.	2.9	36
43	Conversion of C6 and C5 sugars in undetoxified wet exploded bagasse hydrolysates using <i>Scheffersomyces (Pichia) stipitis</i> CBS6054. <i>AMB Express</i> , 2013, 3, 42.	1.4	23
44	Comparing oxidative and dilute acid wet explosion pretreatment of Cocksfoot grass at high dry matter concentration for cellulosic ethanol production. <i>Energy Science and Engineering</i> , 2013, 1, 89-98.	1.9	12
45	Aromatic hydrocarbons production from packed-bed catalysis coupled with microwave pyrolysis of Douglas fir sawdust pellets. <i>RSC Advances</i> , 2013, 3, 14609.	1.7	28
46	Fungal Beta-Glucosidases: A Bottleneck in Industrial Use of Lignocellulosic Materials. <i>Biomolecules</i> , 2013, 3, 612-631.	1.8	200
47	Coregulation of Terpenoid Pathway Genes and Prediction of Isoprene Production in <i>Bacillus subtilis</i> Using Transcriptomics. <i>PLoS ONE</i> , 2013, 8, e66104.	1.1	30
48	Recombinant thermostable AP exonuclease from <i>Thermoanaerobacter tengcongensis</i> : cloning, expression, purification, properties and PCR application. <i>Polish Journal of Microbiology</i> , 2013, 62, 121-9.	0.6	0
49	Identifying and characterizing the most significant Î ² -glucosidase of the novel species <i>Aspergillus saccharolyticus</i> . <i>Canadian Journal of Microbiology</i> , 2012, 58, 1035-1046.	0.8	18
50	Producing high sugar concentrations from loblolly pine using wet explosion pretreatment. <i>Bioresource Technology</i> , 2012, 121, 61-67.	4.8	57
51	Onsite Enzyme Production During Bioethanol Production from Biomass: Screening for Suitable Fungal Strains. <i>Applied Biochemistry and Biotechnology</i> , 2011, 164, 1058-1070.	1.4	63
52	Selective Hydrogenation of Trans,Trans-Î ² -Muconic Acid to Adipic Acid over a Titania-Supported Rhenium Catalyst. <i>ChemSusChem</i> , 2011, 4, 1071-1073.	3.6	32
53	<i>Aspergillus saccharolyticus</i> sp. nov., a black <i>Aspergillus</i> species isolated in Denmark. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 3077-3083.	0.8	30
54	Enhancing Isoprene Production by Genetic Modification of the 1-Deoxy- Xylulose-5-Phosphate Pathway in <i>Bacillus subtilis</i> . <i>Applied and Environmental Microbiology</i> , 2011, 77, 2399-2405.	1.4	103

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55	Production of methane by co-digestion of cassava pulp with various concentrations of pig manure. <i>Biomass and Bioenergy</i> , 2010, 34, 1117-1124.	2.9	133
56	Autohydrolysis of plant xylans by apoplastic expression of thermophilic bacterial endo-xylanases. <i>Plant Biotechnology Journal</i> , 2010, 8, 363-374.	4.1	40
57	Pre-treatment and ethanol fermentation potential of olive pulp at different dry matter concentrations. <i>Biomass and Bioenergy</i> , 2009, 33, 1643-1651.	2.9	31
58	Ethanol Production from Wet-Exploded Wheat Straw Hydrolysate by Thermophilic Anaerobic Bacterium <i>Thermoanaerobacter</i> BG1L1 in a Continuous Immobilized Reactor. <i>Applied Biochemistry and Biotechnology</i> , 2008, 145, 99-110.	1.4	105
59	Enzymatic Hydrolysis and Ethanol Fermentation of High Dry Matter Wet-Exploded Wheat Straw at Low Enzyme Loading. <i>Applied Biochemistry and Biotechnology</i> , 2008, 148, 35-44.	1.4	74
60	Hydrolysis of <i>Miscanthus</i> for bioethanol production using dilute acid presoaking combined with wet explosion pre-treatment and enzymatic treatment. <i>Bioresource Technology</i> , 2008, 99, 6602-6607.	4.8	161
61	ALIS-FLP: Amplified ligation selected fragment-length polymorphism method for microbial genotyping. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2008, 68, 720-730.	0.6	2
62	Coproduction of Bioethanol with Other Biofuels. , 2007, 108, 289-302.		14
63	Effect of temperature on ethanol tolerance of a thermophilic anaerobic ethanol producer <i>Thermoanaerobacter</i> A10: Modeling and simulation. <i>Biotechnology and Bioengineering</i> , 2007, 98, 1161-1170.	1.7	33
64	Archaeal diversity in Icelandic hot springs. <i>FEMS Microbiology Ecology</i> , 2007, 59, 71-80.	1.3	53
65	High ethanol tolerance of the thermophilic anaerobic ethanol producer <i>Thermoanaerobacter</i> BG1L1. <i>Open Life Sciences</i> , 2007, 2, 364-377.	0.6	23
66	Specific single-cell isolation and genomic amplification of uncultured microorganisms. <i>Applied Microbiology and Biotechnology</i> , 2007, 74, 926-935.	1.7	106
67	Evaluation of continuous ethanol fermentation of dilute-acid corn stover hydrolysate using thermophilic anaerobic bacterium <i>Thermoanaerobacter</i> BG1L1. <i>Applied Microbiology and Biotechnology</i> , 2007, 77, 61-68.	1.7	87
68	Anaerobic Codigestion of Municipal, Farm, and Industrial Organic Wastes: A Survey of Recent Literature. <i>Water Environment Research</i> , 2006, 78, 607-636.	1.3	131
69	An improved method for single cell isolation of prokaryotes from meso-, thermo- and hyperthermophilic environments using micromanipulation. <i>Applied Microbiology and Biotechnology</i> , 2006, 69, 510-514.	1.7	52
70	A simple model for simultaneous methanogenic-denitrification systems. <i>Journal of Chemical Technology and Biotechnology</i> , 2006, 81, 173-181.	1.6	9
71	A novel process configuration for anaerobic digestion of source-sorted household waste using hyper-thermophilic post-treatment. <i>Biotechnology and Bioengineering</i> , 2005, 90, 830-837.	1.7	51
72	Diversity of thermophilic and non-thermophilic crenarchaeota at 80 Å, Å°C. <i>FEMS Microbiology Letters</i> , 2005, 244, 61-68.	0.7	36

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73	Anaerobic digestion of the organic fraction of municipal solid waste: Influence of co-digestion with manure. <i>Water Research</i> , 2005, 39, 1543-1552.	5.3	261
74	Cloning, sequencing, and sequence analysis of two novel plasmids from the thermophilic anaerobic bacterium <i>Anaerocellum thermophilum</i> . <i>Plasmid</i> , 2004, 52, 131-138.	0.4	15
75	Thermal and enzymatic pretreatment of sludge containing phthalate esters prior to mesophilic anaerobic digestion. <i>Biotechnology and Bioengineering</i> , 2004, 85, 561-567.	1.7	28
76	Wet oxidation pre-treatment of woody yard waste: parameter optimization and enzymatic digestibility for ethanol production. <i>Journal of Chemical Technology and Biotechnology</i> , 2004, 79, 889-895.	1.6	42
77	Efficiency of the Anaerobic Treatment of the Organic Fraction of Municipal Solid Waste: Collection and Pretreatment. <i>Waste Management and Research</i> , 2004, 22, 35-41.	2.2	42
78	Thermal Wet Oxidation Improves Anaerobic Biodegradability of Raw and Digested Biowaste. <i>Environmental Science & Technology</i> , 2004, 38, 3418-3424.	4.6	98
79	Identification of bacterial cultures from archaeological wood using molecular biological techniques. <i>International Biodeterioration and Biodegradation</i> , 2004, 53, 79-88.	1.9	34
80	Biological Degradation and Greenhouse Gas Emissions during Pre-Storage of Liquid Animal Manure. <i>Journal of Environmental Quality</i> , 2004, 33, 27-36.	1.0	112
81	Parameter Identification of Thermophilic Anaerobic Degradation of Valerate. <i>Applied Biochemistry and Biotechnology</i> , 2003, 109, 47-62.	1.4	20
82	Anaerobic degradation of linear alkylbenzene sulfonate. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 706-711.	2.2	32
83	A new VFA sensor technique for anaerobic reactor systems. <i>Biotechnology and Bioengineering</i> , 2003, 82, 54-61.	1.7	47
84	Dynamics of the anaerobic process: Effects of volatile fatty acids. <i>Biotechnology and Bioengineering</i> , 2003, 82, 791-801.	1.7	140
85	Production of cellulose and hemicellulose-degrading enzymes by filamentous fungi cultivated on wet-oxidised wheat straw. <i>Enzyme and Microbial Technology</i> , 2003, 32, 606-615.	1.6	91
86	Kinetics and Modeling of Anaerobic Digestion Process. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2003, 81, 57-93.	0.6	98
87	Mesophilic and thermophilic anaerobic digestion of primary and secondary sludge. Effect of pre-treatment at elevated temperature. <i>Water Research</i> , 2003, 37, 4561-4572.	5.3	339
88	Perspectives for Anaerobic Digestion. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2003, 81, 1-30.	0.6	85
89	NORTH AMERICA'S FIRST NEW TEMPERATURE PHASED ANAEROBIC DIGESTION SYSTEM – A SUCCESSFUL START-UP AT THE WESTERN LAKE SUPERIOR SANITARY DISTRICT (WLSSD). <i>Proceedings of the Water Environment Federation</i> , 2002, 2002, 452-470.	0.0	4
90	Characterization of degradation products from alkaline wet oxidation of wheat straw. <i>Bioresource Technology</i> , 2002, 82, 15-26.	4.8	351

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91	Inhibition of the anaerobic digestion process by linear alkylbenzene sulfonates. <i>Biodegradation</i> , 2002, 13, 201-209.	1.5	33
92	Effect of temperature increase from 55 to 65Å°C on performance and microbial population dynamics of an anaerobic reactor treating cattle manure. <i>Water Research</i> , 2001, 35, 2446-2452.	5.3	185
93	Amplification and Direct Sequence Analysis of the 23S rRNA Gene from Thermophilic Bacteria. <i>BioTechniques</i> , 2001, 30, 414-420.	0.8	13
94	A comprehensive study into the molecular methodology and molecular biology of methanogenic Archaea. <i>FEMS Microbiology Reviews</i> , 2001, 25, 553-571.	3.9	58
95	NEW PERSPECTIVES OF THERMOPHILIC ANAEROBIC DIGESTION. <i>Proceedings of the Water Environment Federation</i> , 2001, 2001, 426-431.	0.0	3
96	Granular sludge formation in upflow anaerobic sludge blanket (UASB) reactors. <i>Biotechnology and Bioengineering</i> , 2000, 49, 229-246.	1.7	409
97	In Situ Reverse Transcription-PCR for Monitoring Gene Expression in Individual <i>Methanosarcina mazei</i> S-6 Cells. <i>Applied and Environmental Microbiology</i> , 2000, 66, 1796-1800.	1.4	25
98	Extraction of Intact Ribosomal RNA from Anaerobic Bioreactor Samples for Molecular Ecological Studies. <i>BioTechniques</i> , 1999, 27, 1132-1138.	0.8	9
99	Stress Genes and Proteins in the Archaea. <i>Microbiology and Molecular Biology Reviews</i> , 1999, 63, 923-967.	2.9	188
100	Quantification of Syntrophic Fatty Acid-Î²-Oxidizing Bacteria in a Mesophilic Biogas Reactor by Oligonucleotide Probe Hybridization. <i>Applied and Environmental Microbiology</i> , 1999, 65, 4767-4774.	1.4	81
101	<i>Caldicellulosiruptor kristjanssonii</i> sp. nov., a cellulolytic, extremely thermophilic, anaerobic bacterium. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 1999, 49, 991-996.	0.8	73
102	A comprehensive model of anaerobic bioconversion of complex substrates to biogas. , 1999, 63, 363-372.		298
103	The genes coding for the hsp70(dnaK) molecular chaperone machine occur in the moderate thermophilic archaeon <i>Methanosarcina thermophila</i> TM-1. <i>Gene</i> , 1999, 238, 387-395.	1.0	11
104	Kinetics of Sulfate and Hydrogen Uptake by the Thermophilic Sulfate-Reducing Bacteria <i>Thermodesulfobacterium</i> sp. Strain JSP and <i>Thermodesulfobacterium</i> sp. Strain R1Ha3. <i>Applied and Environmental Microbiology</i> , 1999, 65, 1304-1307.	1.4	50
105	Purification and characterization of the 3-chloro-4-hydroxy-phenylacetate reductive dehalogenase of <i>Desulfitobacterium hafniense</i> . <i>FEBS Letters</i> , 1998, 436, 159-162.	1.3	70
106	Improved Dechlorinating Performance of Upflow Anaerobic Sludge Blanket Reactors by Incorporation of <i>Dehalospirillum multivorans</i> into Granular Sludge. <i>Applied and Environmental Microbiology</i> , 1998, 64, 1860-1863.	1.4	32
107	Heat-Shock Response in <i>Methanosarcina mazei</i> S-6. <i>Current Microbiology</i> , 1997, 35, 116-121.	1.0	14
108	Inactivation of virus during anaerobic digestion of manure in laboratory scale biogas reactors. <i>Antonie Van Leeuwenhoek</i> , 1996, 69, 25-31.	0.7	58

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109	Effects of electron acceptors, reducing agents, and toxic metabolites on anaerobic degradation of heterocyclic compounds. <i>Biodegradation</i> , 1996, 7, 83-90.	1.5	34
110	Granular sludge formation in upflow anaerobic sludge blanket (UASB) reactors. , 1996, 49, 229.		1
111	Extremely thermophilic cellulolytic anaerobes from icelandic hot springs. <i>Antonie Van Leeuwenhoek</i> , 1995, 68, 263-271.	0.7	9
112	Isolation and characterization of <i>Caldicellulosiruptor lactoaceticus</i> sp. nov., an extremely thermophilic, cellulolytic, anaerobic bacterium. <i>Archives of Microbiology</i> , 1995, 163, 223-230.	1.0	52
113	A two-stage thermophilic anaerobic process for the treatment of source sorted household solid waste. <i>Biotechnology Letters</i> , 1994, 16, 1097-1102.	1.1	10
114	Thermophilic anaerobic digestion of source-sorted household solid waste: the effects of enzyme additions. <i>Applied Microbiology and Biotechnology</i> , 1994, 40, 916-919.	1.7	38
115	Application of thermostable xylanase of <i>Dictyoglomus</i> sp. in enzymatic treatment of kraft pulps. <i>Applied Microbiology and Biotechnology</i> , 1994, 41, 130-133.	1.7	38
116	Thermophilic anaerobic digestion of source-sorted household solid waste: the effects of enzyme additions. <i>Applied Microbiology and Biotechnology</i> , 1994, 40, 916-919.	1.7	3
117	Anaerobic dechlorination of pentachlorophenol in fixed-film and upflow anaerobic sludge blanket reactors using different inocula. <i>Biodegradation</i> , 1993, 3, 399.	1.5	22
118	Xylanolytic anaerobic thermophiles from Icelandic hot-springs. <i>Applied Microbiology and Biotechnology</i> , 1993, 38, 537.	1.7	24
119	<i>Thermoanaerobium acetigenum</i> spec. nov., a new anaerobic, extremely thermophilic, xylanolytic non-spore-forming bacterium isolated from an Icelandic hot spring. <i>Archives of Microbiology</i> , 1993, 159, 460-464.	1.0	22
120	Temperature-dependent enumeration and characterization of anaerobic, thermophilic xylan-degrading bacteria present in two Icelandic hot springs. <i>FEMS Microbiology Ecology</i> , 1993, 12, 79-86.	1.3	6
121	Acetate Degradation at 70Å°C in Upflow Anaerobic Sludge Blanket Reactors and Temperature Response of Granules Grown at 70Å°C. <i>Applied and Environmental Microbiology</i> , 1993, 59, 1742-1746.	1.4	21
122	Influence of pH and Temperature on Enumeration of Cellulose- and Hemicellulose-Degrading Thermophilic Anaerobes in Neutral and Alkaline Icelandic Hot Springs. <i>Applied and Environmental Microbiology</i> , 1993, 59, 1963-1965.	1.4	7
123	The influence of sulphate on substrate utilization in a thermophilic sewage sludge digester. <i>Applied Microbiology and Biotechnology</i> , 1992, 36, 805.	1.7	8
124	Effects of ammonia on growth and morphology of thermophilic hydrogen-oxidizing methanogenic bacteria. <i>FEMS Microbiology Letters</i> , 1991, 85, 241-246.	0.7	42
125	Acetate oxidation in a thermophilic anaerobic sewage-sludge digester: the importance of non-aceticlastic methanogenesis from acetate. <i>FEMS Microbiology Letters</i> , 1991, 86, 149-158.	0.7	93
126	Kinetics of lactate, acetate and propionate in unadapted and lactate-adapted thermophilic, anaerobic sewage sludge: the influence of sludge adaptation for start-up of thermophilic UASB-reactors. <i>Applied Microbiology and Biotechnology</i> , 1991, 34, 823.	1.7	57

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127	Analysis of sulfate in sewage sludge using ion chromatographic techniques. Journal of Microbiological Methods, 1990, 12, 225-230.	0.7	5
128	Threshold Acetate Concentrations for Acetate Catabolism by Aceticlastic Methanogenic Bacteria. Applied and Environmental Microbiology, 1989, 55, 514-515.	1.4	94
129	Temperature Compensation in <i>Methanosarcina barkeri</i> by Modulation of Hydrogen and Acetate Affinity. Applied and Environmental Microbiology, 1989, 55, 1262-1266.	1.4	88
130	Acetate Production by Methanogenic Bacteria. Applied and Environmental Microbiology, 1989, 55, 2257-2261.	1.4	36
131	Product Inhibition of Butyrate Metabolism by Acetate and Hydrogen in a Thermophilic Coculture. Applied and Environmental Microbiology, 1988, 54, 2393-2397.	1.4	127
132	Thermophilic Anaerobic Degradation of Butyrate by a Butyrate-Utilizing Bacterium in Coculture and Triculture with Methanogenic Bacteria. Applied and Environmental Microbiology, 1987, 53, 429-433.	1.4	75
133	Kinetics of Butyrate, Acetate, and Hydrogen Metabolism in a Thermophilic, Anaerobic, Butyrate-Degrading Triculture. Applied and Environmental Microbiology, 1987, 53, 434-439.	1.4	90
134	Methanogenesis from acetate: Physiology of a thermophilic, acetate-utilizing methanogenic bacterium. FEMS Microbiology Letters, 1985, 28, 15-19.	0.7	32
135	Sensitivity of thermophilic methanogenic bacteria to heavy metals. Current Microbiology, 1985, 12, 273-276.	1.0	57
136	Isolation and characterization of a thermophilic, acetate-utilizing methanogenic bacterium. FEMS Microbiology Letters, 1984, 25, 47-52.	0.7	25