

Byoung-In Sang

List of Publications by Year in descending order

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119
papers

4,750
citations

87888

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h-index

106344

65
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119
all docs

119
docs citations

119
times ranked

6403
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of microalgae with high lipid content and their potential as sources of nutraceuticals. <i>Phytochemistry Reviews</i> , 2023, 22, 833-860.	6.5	38
2	Electronic wastes: A near inexhaustible and an unimaginably wealthy resource for water splitting electrocatalysts. <i>Journal of Hazardous Materials</i> , 2022, 421, 126687.	12.4	18
3	Metabolic cascade of complex organic wastes to medium-chain carboxylic acids: A review on the state-of-the-art multi-omics analysis for anaerobic chain elongation pathways. <i>Bioresource Technology</i> , 2022, 344, 126211.	9.6	27
4	Mass cultivation and harvesting of microalgal biomass: Current trends and future perspectives. <i>Bioresource Technology</i> , 2022, 344, 126406.	9.6	48
5	Chain elongation process for caproate production using lactate as electron donor in <i>Megasphaera hexanoica</i> . <i>Bioresource Technology</i> , 2022, 346, 126660.	9.6	15
6	Alkali Extraction to Detoxify Rice Husk-Derived Silica and Increase Its Biocompatibility. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 7811-7817.	6.7	6
7	Anisotropic Alignment of Bacterial Nanocellulose Ionogels for Unconventionally High Combination of Stiffness and Damping. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 30056-30066.	8.0	5
8	Anaerobic co-digestion of bioplastics as a sustainable mode of waste management with improved energy production – A review. <i>Bioresource Technology</i> , 2021, 322, 124537.	9.6	93
9	Impact of Attrition Ball-Mill on Characteristics and Biochemical Methane Potential of Food Waste. <i>Energies</i> , 2021, 14, 2085.	3.1	2
10	Dynamic Changes of Microbiome with the Utilization of Volatile Fatty Acids as Electron Donors for Denitrification. <i>Water (Switzerland)</i> , 2021, 13, 1556.	2.7	6
11	Recent advances in Bioprocess Technology-2020. <i>Bioresource Technology</i> , 2021, 327, 124824.	9.6	1
12	Two-Stage Continuous Process for the Extraction of Silica from Rice Husk Using Attrition Ball Milling and Alkaline Leaching Methods. <i>Sustainability</i> , 2021, 13, 7350.	3.2	17
13	Complete Genome Sequence of <i>Methanothermobacter</i> sp. Strain THM-1, a Thermophilic and Hydrogenotrophic Methanogen Isolated from an Anaerobic Reactor in South Korea. <i>Microbiology Resource Announcements</i> , 2021, 10, e0058721.	0.6	1
14	Characterisation of bacterial nanocellulose and nanostructured carbon produced from crude glycerol by <i>Komagataeibacter sucrofermentans</i> . <i>Bioresource Technology</i> , 2021, 342, 125918.	9.6	16
15	Anaerobic Digestion of Cigarette Butts: Microbial Community Analysis and Energy Production Estimation. <i>Energies</i> , 2021, 14, 8290.	3.1	1
16	Robust solid-state interface with a deformable glass interlayer in sulfide-based all-solid-state batteries. <i>Solid State Ionics</i> , 2020, 346, 115217.	2.7	11
17	Pretreatment strategies for enhanced biogas production from lignocellulosic biomass. <i>Bioresource Technology</i> , 2020, 301, 122725.	9.6	323
18	Bacterial nanocellulose as a green and flexible electrode matrix for efficient hydrogen evolution reaction in alkaline conditions. <i>Cellulose</i> , 2020, 27, 8135-8146.	4.9	11

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19	Application of Computational Fluid Dynamics in Chlorine-Dynamics Modeling of In-Situ Chlorination Systems for Cooling Systems. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4455.	2.5	1
20	Enzymatic Esterification under High-pressure CO ₂ Conditions for in situ Recovery of Butyric Acid from Anaerobic Fermenters. <i>Biotechnology and Bioprocess Engineering</i> , 2020, 25, 616-622.	2.6	3
21	Efficient, Simple Production of Corresponding Alcohols from Supplemented C ₂ -C ₈ Carboxylic Acids in <i>Escherichia coli</i> Using Acyl-CoA Transferase from <i>Megasphaera hexanoica</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2020, 25, 599-606.	2.6	12
22	Antimicrobial Air Filter Coating with Plant Extracts Against Airborne Microbes. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 9120.	2.5	10
23	Impact of feedstocks and downstream processing technologies on the economics of caproic acid production in fermentation by <i>Megasphaera elsdenii</i> T81. <i>Bioresource Technology</i> , 2020, 301, 122794.	9.6	13
24	Innovations in environmental bioprocesses for sustainable development. <i>Environmental Science and Pollution Research</i> , 2020, 27, 27169-27171.	5.3	1
25	Complete Genomic Sequence of the Thermophilic and Hydrogenotrophic Methanogen <i>Methanothermobacter</i> sp. Strain KEPCO-1. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	2
26	An Efficient New Process for the Selective Production of Odd-Chain Carboxylic Acids by Simple Carbon Elongation Using <i>Megasphaera hexanoica</i> . <i>Scientific Reports</i> , 2019, 9, 11999.	3.3	28
27	Feasibility of Continuous Pretreatment of Corn Stover: A Comparison of Three Commercially Available Continuous Pulverizing Devices. <i>Energies</i> , 2019, 12, 1422.	3.1	8
28	Simultaneous production of methane and acetate by thermophilic mixed culture from carbon dioxide in bioelectrochemical system. <i>Bioresource Technology</i> , 2019, 281, 474-479.	9.6	30
29	Metal-organic framework derived NiMo polyhedron as an efficient hydrogen evolution reaction electrocatalyst. <i>Applied Surface Science</i> , 2019, 478, 916-923.	6.1	55
30	Tomographical analysis of electrochemical lithiation and delithiation of LiNi _{0.6} Co _{0.2} Mn _{0.2} O ₂ cathodes in all-solid-state batteries. <i>Scripta Materialia</i> , 2019, 165, 10-14.	5.2	16
31	Aerobic denitrification by a novel <i>Pseudomonas</i> sp. JN5 in different bioreactor systems. <i>Water-Energy Nexus</i> , 2019, 2, 37-45.	4.0	5
32	Comparison between OCl ⁻ -Injection and In Situ Electrochlorination in the Formation of Chlorate and Perchlorate in Seawater. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 229.	2.5	7
33	Selective Removal of Water Generated during Hydrogenotrophic Methanation from Culture Medium Using Membrane Distillation. <i>Energies</i> , 2019, 12, 4130.	3.1	5
34	Evaluation of relationship between biogas production and microbial communities in anaerobic co-digestion. <i>Korean Journal of Chemical Engineering</i> , 2018, 35, 179-186.	2.7	6
35	Enhanced extraction of butyric acid under high-pressure CO ₂ conditions to integrate chemical catalysis for value-added chemicals and biofuels. <i>Biotechnology for Biofuels</i> , 2018, 11, 119.	6.2	13
36	InGaZnO transistor based on porous Ag nanowire-functionalized gate electrode for detection of bio-relevant molecules. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 36-43.	7.8	7

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37	Optimization of hexanoic acid production in recombinant <i>Escherichia coli</i> by precise flux rebalancing. <i>Bioresource Technology</i> , 2018, 247, 1253-1257.	9.6	21
38	Electrochemical behaviors of Li-argyrodite-based all-solid-state batteries under deep-freezing conditions. <i>Chemical Communications</i> , 2018, 54, 14116-14119.	4.1	30
39	Collateral hydrogenation over proton-conducting Ni/BaZr _{0.85} Y _{0.15} O _{3-δ} catalysts for promoting CO ₂ methanation. <i>RSC Advances</i> , 2018, 8, 32095-32101.	3.6	6
40	New coculture system of <i>Clostridium</i> spp. and <i>Megasphaera hexanoica</i> using submerged hollow-fiber membrane bioreactors for caproic acid production. <i>Bioresource Technology</i> , 2018, 270, 498-503.	9.6	24
41	Effects of water content on ball milling pretreatment and the enzymatic digestibility of corn stover. <i>Water-Energy Nexus</i> , 2018, 1, 61-65.	4.0	17
42	Quantitative Analysis of Microstructures and Reaction Interfaces on Composite Cathodes in All-Solid-State Batteries Using a Three-Dimensional Reconstruction Technique. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 23740-23747.	8.0	53
43	Catalytic behavior of metal catalysts in high-temperature RWGS reaction: In-situ FT-IR experiments and first-principles calculations. <i>Scientific Reports</i> , 2017, 7, 41207.	3.3	57
44	Preparation of high purity silica originated from rice husks by chemically removing metallic impurities. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 50, 79-85.	5.8	59
45	Simple quantification method for N-nitrosamines in atmospheric particulates based on facile pretreatment and GC-MS/MS. <i>Environmental Pollution</i> , 2017, 226, 324-334.	7.5	34
46	Effects of supplement additives on anaerobic biogas production. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 2678-2685.	2.7	16
47	A Hierarchically Modified Graphite Cathode with Au Nanoislands, Cysteamine, and Au Nanocolloids for Increased Electricity-Assisted Production of Isobutanol by Engineered <i>Shewanella oneidensis</i> MR-1. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 43563-43574.	8.0	14
48	Silica formation with nanofiber morphology via helical display of the silaffin R5 peptide on a filamentous bacteriophage. <i>Scientific Reports</i> , 2017, 7, 16212.	3.3	6
49	Perspectives for biocatalytic lignin utilization: cleaving 4-O-5 and C ₁ -C ₂ bonds in dimeric lignin model compounds catalyzed by a promiscuous activity of tyrosinase. <i>Biotechnology for Biofuels</i> , 2017, 10, 212.	6.2	11
50	<i>Megasphaera hexanoica</i> sp. nov., a medium-chain carboxylic acid-producing bacterium isolated from a cow rumen. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 2114-2120.	1.7	57
51	Production of medium-chain carboxylic acids by <i>Megasphaera</i> sp. MH with supplemental electron acceptors. <i>Biotechnology for Biofuels</i> , 2016, 9, 129.	6.2	60
52	Metal-oxide thin-film transistor-based pH sensor with a silver nanowire top gate electrode. <i>Journal of the Korean Physical Society</i> , 2016, 68, 901-907.	0.7	3
53	Plasmonic-based colorimetric and spectroscopic discrimination of acetic and butyric acids produced by different types of <i>Escherichia coli</i> through the different assembly structures formation of gold nanoparticles. <i>Analytica Chimica Acta</i> , 2016, 933, 196-206.	5.4	5
54	Pyrosequencing analysis of microbial communities in hollow fiber-membrane biofilm reactors system for treating high-strength nitrogen wastewater. <i>Chemosphere</i> , 2016, 163, 192-201.	8.2	33

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55	Feasibility of a facile butanol bioproduction using planetary mill pretreatment. <i>Bioresource Technology</i> , 2016, 199, 283-287.	9.6	15
56	Extracellular electron transfer from cathode to microbes: application for biofuel production. <i>Biotechnology for Biofuels</i> , 2016, 9, 11.	6.2	228
57	One-dimensional InGaZnO field-effect transistor on a polyimide wire substrate for an electronic textile. <i>Journal of the Korean Physical Society</i> , 2016, 68, 599-603.	0.7	9
58	Improved Sugar Production by Optimizing Planetary Mill Pretreatment and Enzyme Hydrolysis Process. <i>BioMed Research International</i> , 2015, 2015, 1-5.	1.9	0
59	In situ detoxification of lignocellulosic hydrolysate using a surfactant for butyric acid production by <i>Clostridium tyrobutyricum</i> ATCC 25755. <i>Process Biochemistry</i> , 2015, 50, 630-635.	3.7	21
60	Enhanced Light Scattering and Trapping Effect of Ag Nanowire Mesh Electrode for High Efficient Flexible Organic Solar Cell. <i>Small</i> , 2015, 11, 1905-1911.	10.0	78
61	Butyric acid production from red algae by a newly isolated <i>Clostridium</i> sp. S1. <i>Biotechnology Letters</i> , 2015, 37, 1837-1844.	2.2	10
62	Isobutanol production from an engineered <i>Shewanella oneidensis</i> MR-1. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 2147-2154.	3.4	27
63	Application of SPE followed by large-volume injection GC/MS for the analysis of geosmin and 2-methylisoborneol in water. <i>Analytical Methods</i> , 2015, 7, 6678-6685.	2.7	10
64	Enhanced electrochemical sensitivity of enzyme precipitate coating (EPC)-based glucose oxidase biosensors with increased free CNT loadings. <i>Bioelectrochemistry</i> , 2015, 101, 114-119.	4.6	25
65	<i>Caproiciproducens galactitolivorans</i> gen. nov., sp. nov., a bacterium capable of producing caproic acid from galactitol, isolated from a wastewater treatment plant. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 4902-4908.	1.7	153
66	Analysis of the Microbial Community in an Acidic Hollow-Fiber Membrane Biofilm Reactor (Hf-MBfR) Used for the Biological Conversion of Carbon Dioxide to Methane. <i>PLoS ONE</i> , 2015, 10, e0144999.	2.5	12
67	Analysis of Microbial Communities in Biofilms from CSTR-Type Hollow Fiber Membrane Biofilm Reactors for Autotrophic Nitrification and Hydrogenotrophic Denitrification. <i>Journal of Microbiology and Biotechnology</i> , 2015, 25, 1670-1679.	2.1	4
68	Effect of geometric lattice design on optical/electrical properties of transparent silver grid for organic solar cells. <i>Optics Express</i> , 2014, 22, 26891.	3.4	36
69	<i>Clostridium vulturis</i> sp. nov., isolated from the intestine of the cinereous vulture (<i>Aegypius</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5	3.7	14
70	A pilot scale two-stage anaerobic digester treating food waste leachate (FWL): Performance and microbial structure analysis using pyrosequencing. <i>Process Biochemistry</i> , 2014, 49, 301-308.	3.7	68
71	Hydrothermal gasification of pure and crude glycerol in supercritical water: A comparative study. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 1262-1273.	7.1	29
72	Co-culturing a novel <i>Bacillus</i> strain with <i>Clostridium tyrobutyricum</i> ATCC 25755 to produce butyric acid from sucrose. <i>Biotechnology for Biofuels</i> , 2013, 6, 35.	6.2	50

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73	Continuous synthesis of lithium iron phosphate nanoparticles in supercritical water: Effect of process parameters. <i>Chemical Engineering Journal</i> , 2013, 229, 313-323.	12.7	24
74	In Situ Biphasic Extractive Fermentation for Hexanoic Acid Production from Sucrose by <i>Megasphaera elsdenii</i> NCIMB 702410. <i>Applied Biochemistry and Biotechnology</i> , 2013, 171, 1094-1107.	2.9	85
75	Conversion of levulinic acid to 2-butanone by acetoacetate decarboxylase from <i>Clostridium acetobutylicum</i> . <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 5627-5634.	3.6	28
76	Comparison of the Bacterial Communities in Anaerobic, Anoxic, and Oxic Chambers of a Pilot A2O Process Using Pyrosequencing Analysis. <i>Current Microbiology</i> , 2013, 66, 555-565.	2.2	62
77	In situ extractive fermentation for the production of hexanoic acid from galactitol by <i>Clostridium</i> sp. BS-1. <i>Enzyme and Microbial Technology</i> , 2013, 53, 143-151.	3.2	79
78	Thermostabilization of <i>Candida antarctica</i> lipase B by double immobilization: Adsorption on a macroporous polyacrylate carrier and R1 silaffin-mediated biosilicification. <i>Process Biochemistry</i> , 2013, 48, 1181-1187.	3.7	19
79	High-Speed Annealing of Hydrrous Ruthenium Oxide Nanoparticles by Intensely Pulsed White Light for Supercapacitors. <i>Journal of the Electrochemical Society</i> , 2013, 160, A1772-A1776.	2.9	8
80	ABE production from yellow poplar through alkaline pre-hydrolysis, enzymatic saccharification, and fermentation. <i>Biotechnology and Bioprocess Engineering</i> , 2013, 18, 965-971.	2.6	8
81	Supercritical ethanol as an enhanced medium for lignocellulosic biomass liquefaction: Influence of physical process parameters. <i>Energy</i> , 2013, 59, 173-182.	8.8	167
82	Silaffin Peptides as a Novel Signal Enhancer for Gravimetric Biosensors. <i>Applied Biochemistry and Biotechnology</i> , 2013, 170, 25-31.	2.9	16
83	Production of Hydrogen and Volatile Fatty Acid by <i>Enterobacter</i> sp. T4384 Using Organic Waste Materials. <i>Journal of Microbiology and Biotechnology</i> , 2013, 23, 189-194.	2.1	4
84	The Future of Butyric Acid in Industry. <i>Scientific World Journal</i> , The, 2012, 2012, 1-10.	2.1	146
85	Butyrate production enhancement by <i>Clostridium tyrobutyricum</i> using electron mediators and a cathodic electron donor. <i>Biotechnology and Bioengineering</i> , 2012, 109, 2494-2502.	3.3	130
86	Correlation between microbial community structure and biofouling in a laboratory scale membrane bioreactor with synthetic wastewater. <i>Desalination</i> , 2012, 287, 209-215.	8.2	98
87	Identification of <i>Escherichia coli</i> biomarkers responsive to various lignin-hydrolysate compounds. <i>Bioresource Technology</i> , 2012, 114, 450-456.	9.6	23
88	A biosensor based on the self-entrapment of glucose oxidase within biomimetic silica nanoparticles induced by a fusion enzyme. <i>Enzyme and Microbial Technology</i> , 2011, 49, 441-445.	3.2	55
89	Optimization of medium compositions favoring butanol and 1,3-propanediol production from glycerol by <i>Clostridium pasteurianum</i> . <i>Bioresource Technology</i> , 2011, 102, 10561-10568.	9.6	81
90	Global Gene Response in <i>Saccharomyces cerevisiae</i> Exposed to Silver Nanoparticles. <i>Applied Biochemistry and Biotechnology</i> , 2011, 164, 1278-1291.	2.9	47

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91	Effects of carbon source and metabolic engineering on butyrate production in <i>Escherichia coli</i> . <i>Korean Journal of Chemical Engineering</i> , 2011, 28, 1587-1592.	2.7	12
92	Highly stable enzyme precipitate coatings and their electrochemical applications. <i>Biosensors and Bioelectronics</i> , 2011, 26, 1980-1986.	10.1	54
93	Butanol production from thin stillage using <i>Clostridium pasteurianum</i> . <i>Bioresource Technology</i> , 2011, 102, 4934-4937.	9.6	91
94	Production of hexanoic acid from d-galactitol by a newly isolated <i>Clostridium</i> sp. BS-1. <i>Applied Microbiology and Biotechnology</i> , 2010, 88, 1161-1167.	3.6	82
95	Nanoscale enzyme reactors in mesoporous carbon for improved performance and lifetime of biosensors and biofuel cells. <i>Biosensors and Bioelectronics</i> , 2010, 26, 655-660.	10.1	45
96	Functional expression of anti-hepatitis B virus (HBV) preS2 antigen scFv by cspA promoter system in <i>Escherichia coli</i> and application as a recognition molecule for single-walled carbon nanotube (SWNT) field effect transistor (FET). <i>Biotechnology and Bioprocess Engineering</i> , 2010, 15, 810-816.	2.6	3
97	Development of Real-Time PCR Primer and Probe Sets for Detecting Degenerated and Non-degenerated Forms of the Butanol-Producing Bacterium <i>Clostridium acetobutylicum</i> ATCC 824. <i>Applied Biochemistry and Biotechnology</i> , 2010, 161, 75-83.	2.9	7
98	Microbial Fed-batch Production of 1,3-Propanediol Using Raw Glycerol with Suspended and Immobilized <i>Klebsiella pneumoniae</i> . <i>Applied Biochemistry and Biotechnology</i> , 2010, 161, 491-501.	2.9	107
99	Effect of Biodiesel-derived Raw Glycerol on 1,3-Propanediol Production by Different Microorganisms. <i>Applied Biochemistry and Biotechnology</i> , 2010, 161, 502-510.	2.9	81
100	Risk Reduction of Adverse Effects Due to Di-(2-Ethylhexyl) Phthalate (DEHP) by Utilizing Microbial Degradation. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2009, 72, 1388-1394.	2.3	12
101	A novel route for immobilization of proteins to silica particles incorporating silaffin domains. <i>Biotechnology Progress</i> , 2009, 25, 1643-1649.	2.6	31
102	Detoxification of model phenolic compounds in lignocellulosic hydrolysates with peroxidase for butanol production from <i>Clostridium beijerinckii</i> . <i>Applied Microbiology and Biotechnology</i> , 2009, 83, 1035-1043.	3.6	123
103	Continuous hydrogen and butyric acid fermentation by immobilized <i>Clostridium tyrobutyricum</i> ATCC 25755: Effects of the glucose concentration and hydraulic retention time. <i>Bioresource Technology</i> , 2009, 100, 5352-5355.	9.6	45
104	Analysis of the Toxic Mode of Action of Silver Nanoparticles Using Stress-Specific Bioluminescent Bacteria. <i>Small</i> , 2008, 4, 746-750.	10.0	374
105	A novel CSTR-type of hollow fiber membrane biofilm reactor for consecutive nitrification and denitrification. <i>Desalination</i> , 2008, 221, 526-533.	8.2	23
106	Effects of pH conditions on the biological conversion of carbon dioxide to methane in a hollow-fiber membrane biofilm reactor (Hf-MBfR). <i>Desalination</i> , 2008, 234, 409-415.	8.2	44
107	Continuous Butanol Production Using Suspended and Immobilized <i>Clostridium beijerinckii</i> NCIMB 8052 with Supplementary Butyrate. <i>Energy & Fuels</i> , 2008, 22, 3459-3464.	5.1	135
108	Performance Analysis of a Proton Exchange Membrane Fuel Cell (PEMFC) Integrated with a Trickling Bed Bioreactor for Biological High-Rate Hydrogen Production. <i>Energy & Fuels</i> , 2008, 22, 83-86.	5.1	17

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109	Enzyme-Nanofiber Composites for Biocatalysis Applications. ACS Symposium Series, 2008, , 254-262.	0.5	2
110	Biohydrogen Production by Fermentative Process in Continuous Stirred-Tank Reactor. International Journal of Green Energy, 2007, 4, 385-395.	3.8	26
111	Stable and continuous long-term enzymatic reaction using an enzyme-“nanofiber composite. Applied Microbiology and Biotechnology, 2007, 75, 1301-1307.	3.6	42
112	Purification and Characterization of Fungal Poly(3-hydroxybutyrate) Depolymerase from Paecilomyces lilacinus F4-5 and Enzymatic Degradation of Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) Film. World Journal of Microbiology and Biotechnology, 2006, 22, 51-57.	3.6	11
113	CHEMOAUTOTROPHIC NITRIFICATION AND DENITRIFICATION BY AIR- AND HYDROGEN-BASED HOLLOW-FIBER MEMBRANE BIOFILM REACTOR. Proceedings of the Water Environment Federation, 2005, 2005, 4225-4231.	0.0	0
114	The removal of nitrogen using an autotrophic hybrid hollow-fiber membrane biofilm reactor. Desalination, 2005, 183, 447-454.	8.2	43
115	A mathematical description for the fungal degradation process of biodegradable plastics. Mathematics and Computers in Simulation, 2004, 65, 147-155.	4.4	3
116	The trade-offs and effect of carrier size and oxygen-loading on gaseous toluene removal performance of a three-phase circulating-bed biofilm reactor. Applied Microbiology and Biotechnology, 2003, 61, 214-219.	3.6	1
117	Fungal contribution to in situ biodegradation of poly(3-hydroxybutyrate- co -3-hydroxyvalerate) film in soil. Applied Microbiology and Biotechnology, 2002, 58, 241-247.	3.6	74
118	A kinetic analysis of the fungal degradation process of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) in soil. Biochemical Engineering Journal, 2001, 9, 175-184.	3.6	24
119	Shear effects on production of lignin peroxidase by Phanerochaete chrysosporium. Biotechnology and Bioprocess Engineering, 1996, 1, 26-31.	2.6	2