

# Kenneth F Reardon

## List of Publications by Year in descending order

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135  
papers

5,513  
citations

66343

42  
h-index

91884

69  
g-index

142  
all docs

142  
docs citations

142  
times ranked

6766  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategies to achieve high productivity, high conversion, and high yield in yeast fermentation of algal biomass hydrolysate. <i>Engineering in Life Sciences</i> , 2022, 22, 119-131.	3.6	2
2	On-Line Monitoring of Biological Parameters in Microalgal Bioprocesses Using Optical Methods. <i>Energies</i> , 2022, 15, 875.	3.1	23
3	Inoculum microbiome composition impacts fatty acid product profile from cellulosic feedstock. <i>Bioresource Technology</i> , 2021, 323, 124532.	9.6	16
4	Electromagnetically-vibrated solid-phase microextraction for analysis of aqueous-miscible organic compound transport in soil columns. <i>Chemosphere</i> , 2021, 263, 127941.	8.2	3
5	Synthesis of Butyl-Exchanged Polyoxymethylene Ethers as Renewable Diesel Blendstocks with Improved Fuel Properties. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 6266-6273.	6.7	10
6	Property predictions demonstrate that structural diversity can improve the performance of polyoxymethylene ethers as potential bio-based diesel fuels. <i>Fuel</i> , 2021, 295, 120509.	6.4	21
7	Practical monitoring technologies for cells and substrates in biomanufacturing. <i>Current Opinion in Biotechnology</i> , 2021, 71, 225-230.	6.6	14
8	OUP accepted manuscript. <i>FEMS Yeast Research</i> , 2021, , .	2.3	7
9	Effects of blending C3-C4 alcohols on motor gasoline properties and performance of spark ignition engines: A review. <i>Fuel Processing Technology</i> , 2020, 197, 106194.	7.2	53
10	Digitalization and Bioprocessing: Promises and Challenges. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2020, 176, 57-69.	1.1	11
11	Identification of Promising Alternative Mono-Alcohol Fuel Blend Components for Spark Ignition Engines. <i>Energies</i> , 2020, 13, 1955.	3.1	1
12	Effects of dual-alcohol gasoline blends on physiochemical properties and volatility behavior. <i>Fuel</i> , 2019, 252, 542-552.	6.4	25
13	Bacterial community changes in an industrial algae production system. <i>Algal Research</i> , 2018, 31, 147-156.	4.6	55
14	Label-Free Proteomics of a Defined, Binary Co-culture Reveals Diversity of Competitive Responses Between Members of a Model Soil Microbial System. <i>Microbial Ecology</i> , 2018, 75, 701-719.	2.8	17
15	Grain and sweet sorghum ( <i>Sorghum bicolor</i> L. Moench) serves as a novel source of bioactive compounds for human health. <i>Critical Reviews in Food Science and Nutrition</i> , 2018, 58, 2867-2881.	10.3	58
16	Quantitative proteomic analysis of <i>Lactobacillus delbrueckii</i> ssp. <i>lactis</i> biofilms. <i>AIChE Journal</i> , 2018, 64, 4341-4350.	3.6	2
17	Near-azeotropic volatility behavior of hydrous and anhydrous ethanol gasoline mixtures and impact on droplet evaporation dynamics. <i>Fuel Processing Technology</i> , 2018, 181, 166-174.	7.2	24
18	Physiochemical Property Characterization of Hydrous and Anhydrous Ethanol Blended Gasoline. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 11239-11245.	3.7	15

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19	Meta-proteomic analysis of protein expression distinctive to electricity-generating biofilm communities in air-cathode microbial fuel cells. <i>Biotechnology for Biofuels</i> , 2018, 11, 121.	6.2	11
20	Spectroscopic sensors for in-line bioprocess monitoring in research and pharmaceutical industrial application. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 651-666.	3.7	105
21	Sensors for disposable bioreactors. <i>Engineering in Life Sciences</i> , 2017, 17, 940-952.	3.6	44
22	Mitsuaria sp. and Burkholderia sp. from Arabidopsis rhizosphere enhance drought tolerance in Arabidopsis thaliana and maize ( <i>Zea mays</i> L.). <i>Plant and Soil</i> , 2017, 419, 523-539.	3.7	58
23	Growth inhibition of <i>Nannochloropsis</i> species by <i>Bacillus pumilus</i> . <i>Algal Research</i> , 2016, 20, 70-76.	4.6	31
24	Supplementing Blends of Sugars, Amino Acids, and Secondary Metabolites to the Diet of Termites ( <i>Reticulitermes flavipes</i> ) Drive Distinct Gut Bacterial Communities. <i>Microbial Ecology</i> , 2016, 72, 497-502.	2.8	4
25	Sensor systems for bioprocess monitoring. <i>Engineering in Life Sciences</i> , 2015, 15, 469-488.	3.6	149
26	Conversion of lipid-extracted <i>Nannochloropsis salina</i> biomass into fermentable sugars. <i>Algal Research</i> , 2015, 8, 145-152.	4.6	41
27	Monitoring of Microalgal Processes. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2015, 153, 89-142.	1.1	8
28	Diel light:dark cycles significantly reduce FFA accumulation in FFA producing mutants of <i>Synechocystis</i> sp. PCC 6803 compared to continuous light. <i>Algal Research</i> , 2015, 12, 487-496.	4.6	5
29	<i>Bacillus</i> spp. from rainforest soil promote plant growth under limited nitrogen conditions. <i>Journal of Applied Microbiology</i> , 2015, 118, 672-684.	3.1	51
30	Rhizosphere interactions: root exudates, microbes, and microbial communities. <i>Botany</i> , 2014, 92, 267-275.	1.0	547
31	Engineering in Life Sciences Editors. <i>Engineering in Life Sciences</i> , 2014, 14, 2-3.	3.6	0
32	Evaluation of quantitative performance of sequential immobilized metal affinity chromatographic enrichment for phosphopeptides. <i>Analytical Biochemistry</i> , 2014, 445, 30-37.	2.4	18
33	The quantitative proteomic response of <i>Synechocystis</i> sp. PCC6803 to phosphate acclimation. <i>Aquatic Biosystems</i> , 2013, 9, 5.	1.8	22
34	Monitoring of microalgal cultivations with on-line, flow-through microscopy. <i>Algal Research</i> , 2013, 2, 253-257.	4.6	42
35	A plastic total internal reflection photoluminescence device for enzymatic biosensing. <i>Lab on A Chip</i> , 2013, 13, 4775.	6.0	2
36	Molecular assessment of the sensitivity of sulfate-reducing microbial communities remediating mine drainage to aerobic stress. <i>Water Research</i> , 2013, 47, 5316-5325.	11.3	12

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37	Variations in Diversity and Richness of Gut Bacterial Communities of Termites ( <i>Reticulitermes flavipes</i> ) Fed with Grassy and Woody Plant Substrates. <i>Microbial Ecology</i> , 2013, 65, 531-536.	2.8	61
38	Isolation and characterization of lignin-degrading bacteria from rainforest soils. <i>Biotechnology and Bioengineering</i> , 2013, 110, 1616-1626.	3.3	135
39	On-line monitoring of large cultivations of microalgae and cyanobacteria. <i>Trends in Biotechnology</i> , 2013, 31, 406-414.	9.3	102
40	Engineering in Life Sciences Editors. <i>Engineering in Life Sciences</i> , 2013, 13, NA-NA.	3.6	0
41	Modeling Sorption of Neutral Organic Compound Mixtures to Simulated Aquifer Sorbents with Pseudocompounds. <i>Journal of Environmental Quality</i> , 2013, 42, 852-860.	2.0	4
42	Lumping Analysis for Sorption of Neutral Organic Compounds in Mixtures to Simulated Aquifer Sorbents. <i>Journal of Environmental Engineering, ASCE</i> , 2012, 138, 552-561.	1.4	4
43	Phosphoproteomics and molecular cardiology: Techniques, applications and challenges. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 53, 354-368.	1.9	17
44	Fiber-Optic Biosensor for the Detection of Atrazine: Characterization and Continuous Measurements. <i>Analytical Letters</i> , 2012, 45, 251-261.	1.8	13
45	Response to P.K. et al.: Bacterial laccases still have a case. <i>Trends in Biotechnology</i> , 2012, 30, 362-363.	9.3	1
46	Concentration-dependent effects of the soy phytoestrogen genistein on the proteome of cultured cardiomyocytes. <i>Journal of Proteomics</i> , 2012, 75, 3592-3604.	2.4	12
47	Effect of bioaugmentation and biostimulation on sulfate-reducing column startup captured by functional gene profiling. <i>FEMS Microbiology Ecology</i> , 2012, 82, 135-147.	2.7	17
48	Testosterone-Mineralizing Culture Enriched from Swine Manure: Characterization of Degradation Pathways and Microbial Community Composition. <i>Environmental Science &amp; Technology</i> , 2011, 45, 6879-6886.	10.0	44
49	Effect of Organic Substrate on the Microbial Community Structure in Pilot-Scale Sulfate-Reducing Biochemical Reactors Treating Mine Drainage. <i>Environmental Engineering Science</i> , 2011, 28, 563-572.	1.6	66
50	Sorption of Neutral Organic Compounds in Mixtures to Mineral Surfaces and Humic Acid-Mineral Complexes. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2011, 15, 188-198.	2.0	4
51	Continuous combined Fenton's oxidation and biodegradation for the treatment of pentachlorophenol-contaminated water. <i>Water Research</i> , 2011, 45, 5705-5714.	11.3	17
52	Expression of industrially relevant laccases: prokaryotic style. <i>Trends in Biotechnology</i> , 2011, 29, 480-489.	9.3	163
53	Culturing and investigation of stress-induced lipid accumulation in microalgae using a microfluidic device. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 245-253.	3.7	42
54	Fiber optic monooxygenase biosensor for toluene concentration measurement in aqueous samples. <i>Biosensors and Bioelectronics</i> , 2011, 26, 2407-2412.	10.1	23

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55	Electromagnetically vibrated Solid-Phase Microextraction for the analysis of organic compounds. <i>International Journal of Environmental Technology and Management</i> , 2010, 12, 393.	0.2	1
56	On-line infrared spectroscopy for bioprocess monitoring. <i>Applied Microbiology and Biotechnology</i> , 2010, 88, 11-22.	3.6	119
57	Active community profiling via capillary electrophoresis single-strand conformation polymorphism analysis of amplified 16S rRNA and 16S rRNA genes. <i>Journal of Microbiological Methods</i> , 2010, 83, 286-290.	1.6	3
58	Detection and Quantification of Functional Genes of Cellulose-Degrading, Fermentative, and Sulfate-Reducing Bacteria and Methanogenic Archaea. <i>Applied and Environmental Microbiology</i> , 2010, 76, 2192-2202.	3.1	129
59	A multichannel fiber optic photoluminescence system for multiplex biosensor arrays. , 2010, , .		1
60	Environmental Applications of Photoluminescence-Based Biosensors. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2009, 116, 143-157.	1.1	7
61	Effect of gas evolution on mixing and conversion in a flow-through electrochemical reactor. <i>AIChE Journal</i> , 2009, 55, 2468-2476.	3.6	6
62	Bioremediation of nitroexplosive wastewater by an yeast isolate <i>Pichia sydowiorum</i> MCM Y-3 in fixed film bioreactor. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2009, 36, 253-260.	3.0	14
63	Identification of stress-related proteins in <i>Escherichia coli</i> using the pollutant <i>cis</i> -dichloroethylene. <i>Journal of Applied Microbiology</i> , 2009, 108, 2088-102.	3.1	63
64	Optical fiber enzymatic biosensor for reagentless measurement of ethylene dibromide. <i>Engineering in Life Sciences</i> , 2009, 9, 291-297.	3.6	26
65	Fenton's oxidation of pentachlorophenol. <i>Water Research</i> , 2009, 43, 1831-1840.	11.3	85
66	Sensors in Disposable Bioreactors Status and Trends. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2009, 115, 145-169.	1.1	36
67	Protein extraction and DE of water- and lipid-soluble proteins from bovine pericardium, a low-cellularity tissue. <i>Electrophoresis</i> , 2008, 29, 4508-4515.	2.4	11
68	Comparison of microbial community composition and activity in sulfate-reducing batch systems remediating mine drainage. <i>Biotechnology and Bioengineering</i> , 2008, 101, 702-713.	3.3	32
69	Association of humic acid with metal (hydr)oxide-coated sands at solid-water interfaces. <i>Journal of Colloid and Interface Science</i> , 2008, 317, 424-433.	9.4	28
70	Immunoproteomic identification of bovine pericardium xenoantigens. <i>Biomaterials</i> , 2008, 29, 3514-3520.	11.4	54
71	Microbial community analysis of two field-scale sulfate-reducing bioreactors treating mine drainage. <i>Environmental Microbiology</i> , 2008, 10, 2087-2097.	3.8	50
72	Environmental proteomics: applications of proteome profiling in environmental microbiology and biotechnology. <i>Briefings in Functional Genomics &amp; Proteomics</i> , 2008, 8, 75-87.	3.8	70

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73	Sorption of nonpolar neutral organic compounds to humic acid-coated sands: Contributions of organic and mineral components. <i>Chemosphere</i> , 2008, 70, 1290-1297.	8.2	31
74	Proteomic Analysis of Diaminochlorotriazine Adducts in Wister Rat Pituitary Glands and L <sup>12</sup> T2 Rat Pituitary Cells. <i>Chemical Research in Toxicology</i> , 2008, 21, 844-851.	3.3	23
75	Phosphorescence characteristics of ruthenium complex as an optical transducer for biosensors. <i>Applied Physics Letters</i> , 2008, 92, 081915.	3.3	10
76	Analysis of iTRAQ data using Mascot and Peaks quantification algorithms. <i>Briefings in Functional Genomics &amp; Proteomics</i> , 2008, 7, 119-126.	3.8	19
77	Effects of Agronomic Practices on Phytoremediation of an Aged PAH-Contaminated Soil. <i>Journal of Environmental Quality</i> , 2008, 37, 1439-1446.	2.0	40
78	EFFECT OF ORGANIC SUBSTRATE COMPOSITION ON MICROBIAL COMMUNITY STRUCTURE OF PILOT-SCALE BIOCHEMICAL REACTORS TREATING MINING INFLUENCED WATER. <i>Journal of the American Society of Mining and Reclamation</i> , 2008, 2008, 878-891.	0.3	4
79	Temperature dependence of oxygen sensitive transducer. , 2008, , .		0
80	Comparison of Plant Families in a Greenhouse Phytoremediation Study on an Aged Polycyclic Aromatic Hydrocarbon-Contaminated Soil. <i>Journal of Environmental Quality</i> , 2007, 36, 1461-1469.	2.0	75
81	The effect of inoculum on the performance of sulfate-reducing columns treating heavy metal contaminated water. <i>Water Research</i> , 2007, 41, 904-914.	11.3	77
82	Electrolytic trichloroethene degradation using mixed metal oxide coated titanium mesh electrodes. <i>Chemosphere</i> , 2007, 67, 1573-1581.	8.2	59
83	Comparison of CE-SSCP and DGGE for monitoring a complex microbial community remediating mine drainage. <i>Journal of Microbiological Methods</i> , 2007, 69, 52-64.	1.6	53
84	Optical Properties of Ru(dpp) <sub>3</sub> for Phosphorescence Biosensors. <i>Conference Proceedings - Lasers and Electro-Optics Society Annual Meeting-LEOS</i> , 2007, , .	0.0	1
85	2-DE proteomic analysis of the model cyanobacterium <i>Anabaena variabilis</i> . <i>Electrophoresis</i> , 2007, 28, 1624-1632.	2.4	16
86	A systematic evaluation of chip-based nanoelectrospray parameters for rapid identification of proteins from a complex mixture. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 1714-1725.	2.8	23
87	Metaproteomic Analysis of a Bacterial Community Response to Cadmium Exposure. <i>Journal of Proteome Research</i> , 2007, 6, 1145-1152.	3.7	105
88	Future Aspects of Bioprocess Monitoring. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2006, 105, 249-293.	1.1	48
89	Development of a Fiber Optic Enzymatic Biosensor for 1,2-dichloroethane. <i>Biotechnology Letters</i> , 2006, 28, 883-887.	2.2	52
90	Shotgun proteomics of cyanobacteria—applications of experimental and data-mining techniques. <i>Briefings in Functional Genomics</i> , 2006, 5, 121-132.	2.7	34

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91	A novel, sensitive method for determining benzo[a]pyrene-diones using high-performance liquid chromatography with post-column zinc reduction. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 824, 166-174.	2.3	3
92	Protein engineering of toluene ortho-monooxygenase of <i>Burkholderia cepacia</i> G4 for regiospecific hydroxylation of indole to form various indigoid compounds. <i>Applied Microbiology and Biotechnology</i> , 2005, 66, 422-429.	3.6	111
93	Comparison of protein and peptide prefractionation methods for the shotgun proteomic analysis of <i>Synechocystis</i> sp. PCC 6803. <i>Proteomics</i> , 2005, 5, 2468-2478.	2.2	94
94	Protein Engineering of Epoxide Hydrolase from <i>Agrobacterium radiobacter</i> AD1 for Enhanced Activity and Enantioselective Production of (R)-1-Phenylethane-1,2-Diol. <i>Applied and Environmental Microbiology</i> , 2005, 71, 3995-4003.	3.1	79
95	Hydroxyl free radical reactivity toward aqueous chlorinated phenols. <i>Water Research</i> , 2005, 39, 865-869.	11.3	49
96	Microbial community activities during establishment, performance, and decline of bench-scale passive treatment systems for mine drainage. <i>Water Research</i> , 2005, 39, 4537-4551.	11.3	82
97	Saturation Mutagenesis of Toluene ortho-Monooxygenase of <i>Burkholderia cepacia</i> G4 for Enhanced 1-Naphthol Synthesis and Chloroform Degradation. <i>Applied and Environmental Microbiology</i> , 2004, 70, 3246-3252.	3.1	75
98	Active Site Engineering of the Epoxide Hydrolase from <i>Agrobacterium radiobacter</i> AD1 to Enhance Aerobic Mineralization of cis-1,2-Dichloroethylene in Cells Expressing an Evolved Toluene ortho-Monooxygenase. <i>Journal of Biological Chemistry</i> , 2004, 279, 46810-46817.	3.4	59
99	Metabolic pathway engineering to enhance aerobic degradation of chlorinated ethenes and to reduce their toxicity by cloning a novel glutathione S-transferase, an evolved toluene o-monooxygenase, and gamma-glutamylcysteine synthetase. <i>Environmental Microbiology</i> , 2004, 6, 491-500.	3.8	35
100	Proteomics: An exciting new science, but where are the chemical engineers?. <i>AIChE Journal</i> , 2003, 49, 2682-2686.	3.6	4
101	Proteomic changes in <i>Escherichia coli</i> TG1 after metabolic engineering for enhanced trichloroethene biodegradation. <i>Proteomics</i> , 2003, 3, 1066-1069.	2.2	10
102	The determination of protein phosphorylation on electrophoresis gel blots by laser ablation inductively coupled plasma-mass spectrometry. <i>Analyst</i> , 2002, 127, 459-461.	3.5	71
103	Biodegradation kinetics of aromatic hydrocarbon mixtures by pure and mixed bacterial cultures.. <i>Environmental Health Perspectives</i> , 2002, 110, 1005-1011.	6.0	87
104	Application of biologically based computer modeling to simple or complex mixtures.. <i>Environmental Health Perspectives</i> , 2002, 110, 957-963.	6.0	36
105	Two-dimensional electrophoresis analysis of protein production during growth of <i>Pseudomonas putida</i> F1 on toluene, phenol, and their mixture. <i>Electrophoresis</i> , 2002, 23, 2233.	2.4	17
106	Jay Bailey as mentor?The students' perspective. <i>Biotechnology and Bioengineering</i> , 2002, 79, 484-489.	3.3	1
107	A biologically based model of growth and senescence of Syrian hamster embryo (SHE) cells after exposure to arsenic.. <i>Environmental Health Perspectives</i> , 2001, 109, 1207-1213.	6.0	4
108	Flow cytometry in biotechnology. <i>Applied Microbiology and Biotechnology</i> , 2001, 56, 350-360.	3.6	162

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109	Simultaneous grinding and dissolution of TNT solids in an agitated slurry. <i>AIChE Journal</i> , 2001, 47, 572-581.	3.6	4
110	Biodegradation kinetics of benzene, toluene, and phenol as single and mixed substrates for <i>Pseudomonas putida</i> F1. <i>Biotechnology and Bioengineering</i> , 2000, 69, 385-400.	3.3	313
111	Modeling substrate interactions during the biodegradation of mixtures of toluene and phenol by <i>Burkholderia</i> species JS150. <i>Biotechnology and Bioengineering</i> , 2000, 70, 428-435.	3.3	28
112	Use of 16S-rRNA to investigate microbial population dynamics during biodegradation of toluene and phenol by a binary culture. <i>Biotechnology and Bioengineering</i> , 2000, 70, 436-445.	3.3	15
113	Use of 16S-rRNA to investigate microbial population dynamics during biodegradation of toluene and phenol by a binary culture. <i>Biotechnology and Bioengineering</i> , 2000, 70, 436-45.	3.3	5
114	Bioanalytics: detailed insight into bioprocesses. <i>Analytica Chimica Acta</i> , 1999, 400, 121-134.	5.4	57
115	Species-Specific Oligonucleotides for Enumeration of <i>Pseudomonas putida</i> F1, <i>Burkholderia</i> sp. Strain JS150, and <i>Bacillus subtilis</i> ATCC 7003 in Biodegradation Experiments. <i>Applied and Environmental Microbiology</i> , 1998, 64, 4994-4999.	3.1	37
116	Integrated Approaches for the Analysis of Toxicologic Interactions of Chemical Mixtures. <i>Critical Reviews in Toxicology</i> , 1997, 27, 175-197.	3.9	33
117	A proposed approach to study the toxicology of complex mixtures of petroleum products: the integrated use of QSAR, lumping analysis and PBPK/PD modeling.. <i>Environmental Health Perspectives</i> , 1997, 105, 179-195.	6.0	40
118	Kinetics and population dynamics during biodegradation of phenol by a binary mixed culture. , 1997, , 513-517.		0
119	A bioreactor system for the nitrogen loop in a Controlled Ecological Life Support System. <i>Advances in Space Research</i> , 1996, 18, 289-292.	2.6	2
120	Medium optimization for recombinant protein production by <i>Bacillus subtilis</i> . <i>Biotechnology Letters</i> , 1996, 18, 737-740.	2.2	13
121	Challenges for in Situ Bioremediation of Chemical Mixtures. , 1994, , 505-538.		1
122	Immuno- and flow cytometric analytical methods for biotechnological research and process monitoring. <i>Journal of Biotechnology</i> , 1992, 25, 115-144.	3.8	42
123	Environmental influences on diethyl phthalate biodegradation kinetics. <i>Applied Biochemistry and Biotechnology</i> , 1992, 34-35, 753-765.	2.9	7
124	Activity regeneration in continuous <i>Clostridium acetobutylicum</i> bioconversions of glucose. <i>Biotechnology Progress</i> , 1992, 8, 316-326.	2.6	5
125	Two fibre-optic sensors with confined enzymes and coenzymes: development and application. <i>Analytica Chimica Acta</i> , 1991, 255, 223-229.	5.4	26
126	Novel applications of fluorescence sensors. <i>Applied Biochemistry and Biotechnology</i> , 1990, 24-25, 363-374.	2.9	6



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127	Parametric study of diethyl phthalate biodegradation. <i>Biotechnology Letters</i> , 1990, 12, 699-704.	2.2	23
128	Metabolic Pathway Rates and Fluorescence Measurements During Bioconversions by Non-Growing Immobilized <i>Clostridium Acetobutylicum</i> . <i>Biotechnology Progress</i> , 1989, 5, 144-157.	2.6	6
129	Effects of pH and added metabolites on bioconversions by immobilized non-growing <i>Clostridium acetobutylicum</i> . <i>Biotechnology and Bioengineering</i> , 1989, 34, 825-837.	3.3	14
130	Redirection of Cellular Metabolism.. <i>Annals of the New York Academy of Sciences</i> , 1987, 506, 1-23.	3.8	13
131	Einsatz eines Fluoreszenzensors zur Messung der NAD(P)H-abhängigen Kulturfluoreszenz immobilisierter Zellsysteme. <i>Chemie-Ingenieur-Technik</i> , 1987, 59, 600-601.	0.8	7
132	Metabolic Pathway Rates and Culture Fluorescence in Batch Fermentations of <i>Clostridium Acetobutylicum</i> . <i>Biotechnology Progress</i> , 1987, 3, 153-167.	2.6	84
133	In situ fluorescence monitoring of immobilized <i>Clostridium acetobutylicum</i> . <i>Biotechnology Letters</i> , 1986, 8, 817-822.	2.2	29
134	Hierarchical cluster analysis to detect coordinated protein expression in metabolically engineered <i>Zymomonas mobilis</i> . , 0, , .		0
135	Ecology of Rhizosphere Bioremediation. , 0, , 317-353.		43