

The effect of water on enzyme action in organic media

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Enzymes in organic solvents: properties and applications. Journal of Biotechnology, 1988, 8, 259-269.	1.9	159
2	Enzymatic Catalysis in Organic Media for Polymer Synthesis. , 1989, , 29-70.		1
3	Influence of polyol additive on enzyme catalytic selectivity towards different substrates. BBA - Proteins and Proteomics, 1989, 998, 251-257.	2.1	12
4	Enzymatic oxidation of ethanol in the gaseous phase. Biotechnology and Bioengineering, 1989, 34, 1178-1185.	1.7	98
5	Dynamical factors in protein-protein association. Journal of Molecular Liquids, 1989, 42, 113-144.	2.3	15
6	Enzymatic catalysis in monophasic organic solvents. Enzyme and Microbial Technology, 1989, 11, 194-211.	1.6	853
7	Oxidation of aromatic compounds in organic solvents with laccase from Trametes versicolor. Applied Microbiology and Biotechnology, 1989, 31, 70.	1.7	61
8	Antibody-antigen binding in organic solvents. Biochemical and Biophysical Research Communications, 1989, 158, 80-85.	1.0	77
9	Polyethylene glycol-modified papain catalyzed oligopeptide synthesis from the esters of L-aspartic and L-glutamic acids in benzene.. Agricultural and Biological Chemistry, 1990, 54, 2277-2281.	0.3	19
10	The control of lipase-catalysed transesterification and esterification reaction rates. Effects of substrate polarity, water activity and water molecules on enzyme activity. FEBS Journal, 1990, 190, 603-609.	0.2	90
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17	New biocatalysts for peptide synthesis :Gels of copolymerized acrylic derivatives of Î±-chymotrypsin and polyoxyethylene. Tetrahedron, 1990, 46, 3909-3920.	1.0	23
18	Solvent selection for biocatalysis in mainly organic systems: Predictions of effects on equilibrium position. Biotechnology and Bioengineering, 1990, 35, 691-701.	1.7	115

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21	Measurement and control of water activity with an aluminium oxide sensor in organic two-phase reaction mixtures for enzymic catalysis. <i>Enzyme and Microbial Technology</i> , 1990, 12, 453-458.	1.6	22
22	Lipase-mediated production of ethyl butyrate and butyl butyrate in nonaqueous systems. <i>Enzyme and Microbial Technology</i> , 1990, 12, 743-748.	1.6	59
23	Transesterification with <i>Candida Cylindracea</i> Lipase in a Biphasic Aqueous-Organic System. Dependence of the Enantiomeric Ratio and the Reaction Rate on the Proportions of Water and Cyclohexane. <i>Biocatalysis</i> , 1990, 3, 243-251.	0.9	13
24	Three Systems Used for Biocatalysis in Organic Solvents a Comparative Study. <i>Biocatalysis</i> , 1990, 4, 163-175.	0.9	21
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33	Biotransformations in near-critical carbon dioxide. <i>Enzyme and Microbial Technology</i> , 1991, 13, 221-226.	1.6	59
34	Enhancement of subtilisin-catalysed interesterification in organic solvents by ultrasound irradiation. <i>Enzyme and Microbial Technology</i> , 1991, 13, 123-126.	1.6	50
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