Larry D Byers

List of Publications by Year
in descending order

40 papers	1,330 citations	394421 19 h-index	345221 36 g-index
40 all docs	40 docs citations	40 times ranked	1202 citing authors

#	Article	IF	Citations
1	Electrostatic Control of Macrocyclization Reactions within Nanospaces. Journal of the American Chemical Society, 2019, 141, 6740-6747.	13.7	56
2	Solvent and Î±-secondary kinetic isotope effects on Î²-glucosidase. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 1776-1781.	2.3	2
3	Reactive thioglucoside substrates for Î²-glucosidase. Archives of Biochemistry and Biophysics, 2013, 537, 1-4.	3.0	6
4	N-phenylglucosylamine hydrolysis: A mechanistic probe of Î²-glucosidase. Bioorganic Chemistry, 2011, 39, 111-113.	4.1	8
5	Methyl glucoside hydrolysis catalyzed by Î²-glucosidase. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2009, 1794, 1643-1647.	2.3	7
6	Cleavage of S/O â€glucosides by Î²â€glucosidase from sweet almond. FASEB Journal, 2008, 22, 1008.3.	0.5	0
7	Thioglycoside hydrolysis catalyzed by Î²-glucosidase. Biochemical and Biophysical Research Communications, 2007, 362, 717-720.	2.1	21
8	Salt effects on Î²-glucosidase: pH-profile narrowing. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2007, 1774, 1500-1507.	2.3	28
9	Thioglucoside Hydrolysis Catalyzed by Î²â€Glucosidase. FASEB Journal, 2007, 21, A272.	0.5	0
10	A Search for a Solvent Isotope Effect on Î²â€Glucosidase. FASEB Journal, 2006, 20, LB50.	0.5	0
11	Solvent isotope effects on Î±-glucosidase. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2004, 1703, 63-67.	2.3	4
12	Multiple sugar binding sites in Î±-glucosidase. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2003, 1645, 22-29.	2.3	16
13	An Assessment of Desolvation on Rates of Acetyl Transfer:â€‰ Insights into Enzyme Catalysis. Journal of the American Chemical Society, 2000, 122, 8365-8369.	13.7	6
14	Solvent Effects on Acyl Transfers to Phosphonates. Phosphorus, Sulfur and Silicon and the Related Elements, 1999, 147, 59-59.	1.6	0
15	Structureâ”Activity Relationships for Antiplasmodial Activity among 7-Substituted 4-Aminoquinolines. Journal of Medicinal Chemistry, 1998, 41, 4918-4926.	6.4	187
16	The Urease-Catalyzed Hydrolysis of Thiourea and Thioacetamide. Archives of Biochemistry and Biophysics, 1998, 349, 299-303.	3.0	20
17	Antimalarials: Synthesis of 4â€aminoquinolines that circumvent drug resistance in malaria parasites. Journal of Heterocyclic Chemistry, 1997, 34, 315-320.	2.6	59
18	Synthesis of (E)-2-(4,7-dichloroquinolin-2-yl)-3-dimethylamino-2-propene-1-al and its use as a synthetic intermediate. Tetrahedron Letters, 1995, 36, 205-208.	1.4	19

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19	Phosphonate inhibitors of glyceraldehyde-3-phosphate dehydrogenase and phosphoglycerate kinase. BBA - Proteins and Proteomics, 1993, 1164, 17-21.	2.1	11
20	Nucleophilic reactions of molybdate. Journal of Organic Chemistry, 1992, 57, 6814-6817.	3.2	12
21	The remarkable nucleophilic reactivity of molybdate. Journal of the American Chemical Society, 1992, 114, 5553-5554.	13.7	19
22	Random coil scission rates determined by time-dependent total intensity light scattering: Hyaluronate depolymerization by hyaluronidase. Biopolymers, 1990, 30, 1073-1082.	2.4	21
23	Inhibition of Î²-glucosidase by imidazoles. BBA - Proteins and Proteomics, 1989, 999, 227-232.	2.1	29
24	Methylimidazole-catalyzed ester hydrolysis: nonlinear kinetics. Journal of Organic Chemistry, 1989, 54, 5247-5250.	3.2	22
25	Acyl substituent effects on ester aminolysis. Journal of Organic Chemistry, 1988, 53, 3862-3865.	3.2	23
26	.beta.-Glucosidase: substrate, solvent, and viscosity variation as probes of the rate-limiting steps. Biochemistry, 1986, 25, 2522-2529.	2.5	62
27	Reversible inhibitors of .beta.-glucosidase. Biochemistry, 1985, 24, 3530-3539.	2.5	213
28	[57] Glyceraldehyde-3-phosphate dehydrogenase from yeast. Methods in Enzymology, 1982, 89 Pt D, 326-335.	1.0	49
29	Effect of phosphono substituents on acyl transfer reactions. Journal of the American Chemical Society, 1981, 103, 6177-6184.	13.7	9
30	Acyl substituent effects on rates of acyl transfer to thiolate, hydroxide, and oxy dianions. Journal of the American Chemical Society, 1981, 103, 6170-6177.	13.7	20
31	Interaction of phosphate analogs with glyceraldehyde-3-phosphate dehydrogenase. Biochemistry, 1979, 18, 2471-2480.	2.5	46
32	Interaction of the substrate phosphate substituent with glyceraldehyde-3-phosphate dehydrogenase. Biochemistry, 1979, 18, 4373-4379.	2.5	9
33	Acyl substituent effects on thiohemiacetal equilibriums. Journal of the American Chemical Society, 1979, 101, 3005-3010.	13.7	41
34	Binding of reactive intermediate analogs to enzymes. Journal of Theoretical Biology, 1978, 74, 501-512.	1.7	19
35	Enantiomeric specificity of glyceraldehyde 3-phosphate dehydrogenase. Archives of Biochemistry and Biophysics, 1978, 186, 335-342.	3.0	12
36	Criteria for evaluating enzymic rate enhancements. The case of glyceraldehyde-3-phosphate dehydrogenase. Journal of the American Chemical Society, 1977, 99, 4146-4149.	13.7	7

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37	The reaction of epoxides with yeast glyceraldehyde-3-phosphate dehydrogenase. Biochemical and Biophysical Research Communications, 1976, 72, 1028-1034.	2.1	21
38	Subunit interactions in yeast glyceraldehyde-3-phosphate dehydrogenase. Biochemistry, 1975, 14, 5428-5437.	2.5	32
39	Corrections - Binding of the By-Product Analog Benzylsuccinin Acid by Carboxypeptidase A.. Biochemistry, 1973, 12, 3584-3584.	2.5	1
40	Binding of the by-product analog benzylsuccinic acid by carboxypeptidase A. Biochemistry, 1973, 12, 2070-2078.	2.5	213