

Longitudinal diffusion and resistance to mass transfer a chromatography

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Axial dispersion of mass in flow through fixed beds. <i>AICHE Journal</i> , 1958, 4, 367-375.	1.8	172
3	Programmgesteuerter Gas-Chromatograph zur präparativen Trennung von Gemischen organischer Verbindungen. Teil II. <i>Helvetica Chimica Acta</i> , 1958, 41, 275-288.	1.0	29
5	Separation by Adsorption Methods. <i>Advances in Chemical Engineering</i> , 1958, , 147-208.	0.5	68
6	On the dispersion of linear kinematic waves. <i>Proceedings of the Royal Society of London Series A, Mathematical and Physical Sciences</i> , 1958, 245, 268-277.	1.5	94
7	Review of gas-liquid chromatography. <i>Journal of Chromatography A</i> , 1959, 2, 1-43.	1.8	30
8	Non-equilibrium and diffusion: a common basis for theories of chromatography. <i>Journal of Chromatography A</i> , 1959, 2, 44-52.	1.8	38
9	Gas chromatography as a microanalytical tool. <i>Microchemical Journal</i> , 1959, 3, 155-166.	2.3	6
10	Präparative Gaschromatographie. <i>Fresenius Zeitschrift Für Analytische Chemie</i> , 1959, 170, 278-285.	0.7	9
11	Comparison of Efficiency and Separating Power of Packed and Capillary Gas Chromatographic Columns. <i>Nature</i> , 1959, 184, 2009-2009.	13.7	46
12	A GAS CHROMATOGRAPHIC STUDY OF THE ADSORPTIVE PROPERTIES OF A SERIES OF ACTIVATED CHARCOALS. <i>Canadian Journal of Chemistry</i> , 1959, 37, 843-855.	0.6	62
13	THE DEVELOPMENT OF HIGHLY EFFICIENT GAS-LIQUID CHROMATOGRAPHIC COLUMNS. <i>Annals of the New York Academy of Sciences</i> , 1959, 72, 592-605.	1.8	37
15	Studien zum Ablauf der Substitution, XX. Zweit- und Mehrfachchlorierung einiger Monochloralkane. <i>Justus Liebig's Annalen Der Chemie</i> , 1960, 635, 31-45.	0.5	12
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17	On the combined effect of longitudinal diffusion and external mass transfer resistance in fixed bed operations. <i>Chemical Engineering Science</i> , 1960, 13, 1-6.	1.9	34
18	Review of gas-liquid chromatography. <i>Chromatographic Reviews</i> , 1960, 2, 1-43.	1.5	2
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20	A Mathematical Model for Gas-Liquid Partition Chromatography. <i>Nature</i> , 1960, 188, 389-391.	13.7	16
21	Gas-liquid partition chromatography. <i>Analytica Chimica Acta</i> , 1960, 22, 130-142.	2.6	10

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22	An explanation on column efficiency in gas chromatography. <i>Bunseki Kagaku</i> , 1961, 10, 1244-1248.	0.1	0
23	Longitudinal Dispersion in Continuous Flow Reactors. <i>The Journal of the Society of Chemical Industry Japan</i> , 1961, 64, 1716-1718.	0.1	0
24	Theoretical Consideration on Programmed Temperature Gas Chromatography.. <i>The Journal of the Society of Chemical Industry Japan</i> , 1961, 64, 757-759.	0.1	1
25	Column Efficiency in Gas Chromatography.. <i>The Journal of the Society of Chemical Industry Japan</i> , 1961, 64, 814-819.	0.1	0
26	Progress in Gas Chromatography.. <i>The Journal of the Society of Chemical Industry Japan</i> , 1961, 64, 750-756.	0.1	0
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35	Quantitative Estimation of Peak Areas in Gas-Liquid Chromatography. <i>Nature</i> , 1961, 192, 965-965.	13.7	13
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47	The shape of the elution peaks in gas chromatography. Journal of Chromatography A, 1963, 11, 289-294.	1.8	16
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61	Particle-to-Column Diameter Ratio Effect on Band Spreading.. Analytical Chemistry, 1964, 36, 1492-1502.	3.2	65

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77	Principles of gradient elution. Chromatographic Reviews, 1965, 7, 1-51.	1.5	102
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81	COMPARTMENTAL ANALYSIS AND THE THEORY OF RESIDENCE TIME DISTRIBUTIONS. , 1966, , 167-197.		3
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100	A new equation for the height equivalent to a theoretical plate. Journal of Chromatography A, 1967, 27, 33-39.	1.8	7

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