

Kenneth J Ruschak

List of Publications by Year in descending order

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11
papers

563
citations

1307594

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1281871

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all docs

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docs citations

11
times ranked

411
citing authors

#	ARTICLE	IF	CITATIONS
1	On oblique liquid curtains. <i>Journal of Fluid Mechanics</i> , 2019, 876, .	3.4	7
2	Accurate Approximate Methods for the Fully Developed Flow of Shear-Thinning Fluids in Ducts of Noncircular Cross Section. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2019, 141, .	1.5	2
3	Model for the outer cavity of a dual-cavity die with parameters determined by two-dimensional finite-element analysis. <i>AIChE Journal</i> , 2018, 64, 708-716.	3.6	3
4	A local power-law approximation to a smooth viscosity curve with application to flow in conduits and coating dies. <i>Polymer Engineering and Science</i> , 2014, 54, 2301-2309.	3.1	9
5	Model for a two-cavity coating die with pressure and temperature deformation. <i>Polymer Engineering and Science</i> , 2012, 52, 1173-1182.	3.1	6
6	COATING FLOWS. <i>Annual Review of Fluid Mechanics</i> , 2004, 36, 29-53.	25.0	399
7	On the mathematical structure of thin film equations containing a critical point. <i>Chemical Engineering Science</i> , 1999, 54, 977-985.	3.8	9
8	Modeling the secondary cavity of two-cavity dies. <i>Polymer Engineering and Science</i> , 1997, 37, 1970-1976.	3.1	9
9	Asymptotic analysis of die flow for shear-thinning fluids. <i>AIChE Journal</i> , 1996, 42, 1501-1513.	3.6	11
10	One-dimensional equations governing single-cavity die design. <i>AIChE Journal</i> , 1996, 42, 2401-2414.	3.6	29
11	The effect of applied pressure on the shape of a two-dimensional liquid curtain falling under the influence of gravity. <i>Journal of Fluid Mechanics</i> , 1993, 255, 647.	3.4	79