

# Kenneth J Ruschak

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5721341/publications.pdf>

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11  
papers

563  
citations

1307594

7  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

411  
citing authors

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