

# Hugh P Rice

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5695951/publications.pdf>

Version: 2024-02-01

10  
papers

108  
citations

1307594

7  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

75  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extending estimation of the critical deposition velocity in solid-liquid pipe flow to ideal and non-ideal particles at low and intermediate solid volume fractions. <i>Chemical Engineering Science</i> , 2020, 211, 115308.	3.8	10
2	Extending acoustic in-line pipe rheometry and friction factor modeling to low-Reynolds number, non-Newtonian slurries. <i>AIChE Journal</i> , 2020, 66, e16268.	3.6	2
3	Acoustic Method for Determination of the Thermal Properties of Nanofluids. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 19719-19731.	3.7	9
4	Measurement and density normalisation of acoustic attenuation and backscattering constants of arbitrary suspensions within the Rayleigh scattering regime. <i>Applied Acoustics</i> , 2019, 146, 9-22.	3.3	10
5	The influence of relative fluid depth on initial bedform dynamics in closed, horizontal pipe flow. <i>International Journal of Multiphase Flow</i> , 2017, 93, 1-16.	3.4	7
6	Development of a real-time acoustic backscatter system for solids concentration measurement during nuclear waste cleanup. , 2015, , .		2
7	Constraints on the functional form of the critical deposition velocity in solid-liquid pipe flow at low solid volume fractions. <i>Chemical Engineering Science</i> , 2015, 126, 759-770.	3.8	11
8	Measurement of particle concentration in horizontal, multiphase pipe flow using acoustic methods: Limiting concentration and the effect of attenuation. <i>Chemical Engineering Science</i> , 2015, 126, 745-758.	3.8	20
9	Measuring particle concentration in multiphase pipe flow using acoustic backscatter: Generalization of the dual-frequency inversion method. <i>Journal of the Acoustical Society of America</i> , 2014, 136, 156-169.	1.1	22
10	The influence of system scale on impinging jet sediment erosion: Observed using novel and standard measurement techniques. <i>Chemical Engineering Research and Design</i> , 2013, 91, 722-734.	5.6	15