

Kevin Buettner

List of Publications by Year in descending order

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9
papers

89
citations

1684188
5
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

73
citing authors

#	ARTICLE	IF	CITATIONS
1	DEM investigation of shear flows of binary mixtures of non-spherical particles. Chemical Engineering Science, 2019, 202, 383-391.	3.8	25
2	Computational and Experimental Studies of Flexible Fiber Flows in a Normalâ€Stressâ€Fixed Shear Cell. AICHE Journal, 2019, 65, 64-74.	3.6	19
3	Fluid-particle drag force measurements from particle-resolved CFD simulations of flow past random arrays of ellipsoidal particles. Chemical Engineering Science, 2021, 235, 116469.	3.8	12
4	Development of a collisional dissipation rate model for frictional cylinders. Powder Technology, 2020, 365, 83-91.	4.2	10
5	Using the discrete element method to develop collisional dissipation rate models that incorporate particle shape. AICHE Journal, 2017, 63, 5384-5395.	3.6	8
6	Computational and experimental study of the combined effects of particle aspect ratio and effective diameter on flow behavior. Chemical Engineering Science, 2022, 255, 117621.	3.8	5
7	Collisional dissipation rate for binary mixtures of aspherical particles. Powder Technology, 2021, 387, 9-15.	4.2	4
8	Breakage of wet flexible fiber agglomerates impacting a plane. AICHE Journal, 2019, 65, e16626.	3.6	3
9	Dense shearing flows of soft, frictional cylinders. Soft Matter, 2021, 18, 80-88.	2.7	3