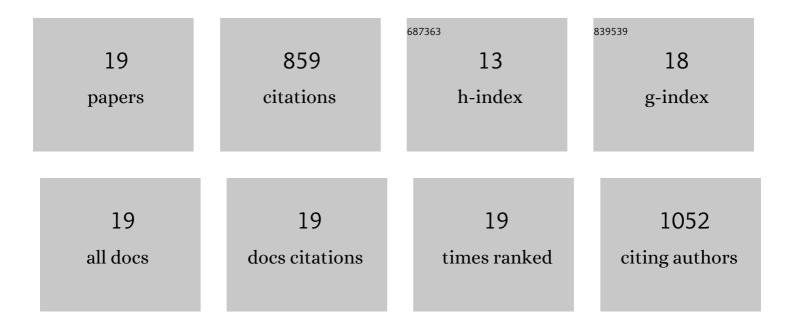
John R Royer

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6400100/publications.pdf Version: 2024-02-01



IOHN P POVED

#	Article	IF	CITATIONS
1	Flow-Switched Bistability in a Colloidal Gel with Non-Brownian Grains. Physical Review Letters, 2022, 128, .	7.8	5
2	Rheological design of thickened alcohol-based hand rubs. Rheologica Acta, 2022, 61, 571-581.	2.4	3
3	Soft matter science and the COVID-19 pandemic. Soft Matter, 2020, 16, 8310-8324.	2.7	51
4	Force chains and networks: wet suspensions through dry granular eyes. Granular Matter, 2020, 22, 1.	2.2	9
5	Rheological Behavior and in Situ Confocal Imaging of Bijels Made by Mixing. Langmuir, 2019, 35, 10927-10936.	3.5	13
6	Liquid Migration in Shear Thickening Suspensions Flowing through Constrictions. Physical Review Letters, 2019, 123, 128002.	7.8	7
7	Rheological Characterization of Polymeric Frustrated Lewis Pair Networks. Macromolecules, 2019, 52, 3417-3425.	4.8	26
8	Rheological Signature of Frictional Interactions in Shear Thickening Suspensions. Physical Review Letters, 2016, 116, 188301.	7.8	149
9	Precisely cyclic sand: Self-organization of periodically sheared frictional grains. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 49-53.	7.1	87
10	Rheology and dynamics of colloidal superballs. Soft Matter, 2015, 11, 5656-5665.	2.7	29
11	Cinnamate-based DNA photolithography. Nature Materials, 2013, 12, 747-753.	27.5	43
12	The role of interstitial gas in determining the impact response of granular beds. Europhysics Letters, 2011, 93, 28008.	2.0	50
13	Droplet and cluster formation in freely falling granular streams. Physical Review E, 2011, 83, 051302.	2.1	26
14	Rupture and clustering in granular streams. Chaos, 2009, 19, 041103.	2.5	0
15	High-speed tracking of rupture and clustering in freely falling granular streams. Nature, 2009, 459, 1110-1113.	27.8	170
16	Birth and growth of a granular jet. Physical Review E, 2008, 78, 011305.	2.1	28
17	Gas-Mediated Impact Dynamics in Fine-Grained Granular Materials. Physical Review Letters, 2007, 99, 038003.	7.8	43
18	Formation of granular jets observed by high-speed X-ray radiography. Nature Physics, 2005, 1, 164-167.	16.7	115

#	Article	IF	CITATIONS
19	Wave-number selection by target patterns and sidewalls in Rayleigh-Bénard convection. Physical Review E, 2004, 70, 036313.	2.1	5