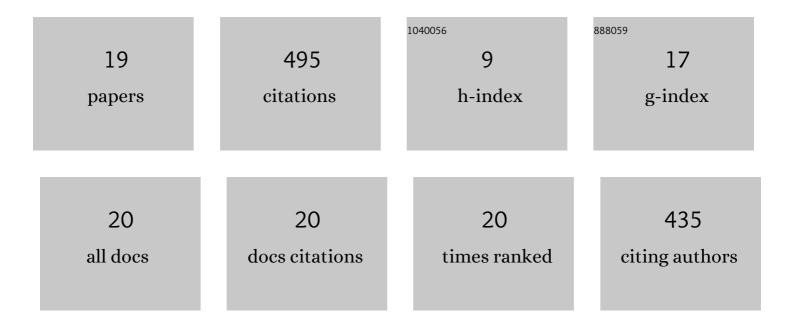
Tetsu Uesaka

List of Publications by Year in descending order

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TETSULLESAKA

#	Article	IF	CITATIONS
1	Direct simulations of fiber network deformation and failure. Mechanics of Materials, 2012, 51, 1-14.	3.2	148
2	Simulation of the motion of flexible fibers in viscous fluid flow. Physics of Fluids, 2007, 19, .	4.0	121
3	Simulation of semidilute suspensions of non-Brownian fibers in shear flow. Journal of Chemical Physics, 2008, 128, 024901.	3.0	44
4	3D-oriented fiber networks made by foam forming. Cellulose, 2016, 23, 661-671.	4.9	40
5	Particle-level simulation of forming of the fiber network in papermaking. International Journal of Engineering Science, 2008, 46, 858-876.	5.0	27
6	Structural disorder effects on the tensile strength distribution of heterogeneous brittle materials with emphasis on fiber networks. Physical Review B, 2004, 70, .	3.2	24
7	Scaling behaviour of strength of 3D-, semi-flexible-, cross-linked fibre network. International Journal of Solids and Structures, 2019, 166, 68-74.	2.7	16
8	New Insights into Coating Uniformity and Base Sheet Structures. Industrial & Engineering Chemistry Research, 2009, 48, 10472-10478.	3.7	11
9	Uniaxial compression of three-dimensional entangled fibre networks: impacts of contact interactions. Modelling and Simulation in Materials Science and Engineering, 2019, 27, 015006.	2.0	10
10	Time-dependent statistical failure of fiber networks. Physical Review E, 2015, 92, 042158.	2.1	9
11	Time-dependent breakdown of fiber networks: Uncertainty of lifetime. Physical Review E, 2017, 95, 053005.	2.1	9
12	Microstructure Variations in Paper Coating: Direct Observations. Industrial & Engineering Chemistry Research, 2012, 51, 8246-8252.	3.7	7
13	Characterisation of time-dependent, statistical failure of cellulose fibre networks. Cellulose, 2018, 25, 2817-2828.	4.9	7
14	Tearing Resistance of Paper and its Characterization. Kami Pa Gikyoshi/Japan Tappi Journal, 1979, 33, 403-408.	0.1	7
15	Time-dependent, stochastic failure of paper and box. Nordic Pulp and Paper Research Journal, 2012, 27, 370-374.	0.7	5
16	Anisotropic Linear Viscoelasticity of Paper Sheet. Nihon Reoroji Gakkaishi, 1979, 7, 64-68.	1.0	3
17	New strength metrics for containerboards: influences of basic papermaking factors. Nordic Pulp and Paper Research Journal, 2018, 33, 592-602.	0.7	1
18	Complex Matters: Things that matter. Nordic Pulp and Paper Research Journal, 2016, 31, 213-218.	0.7	0

#	Article	IF	CITATIONS
19	Time-dependent statistical failure of fibre networks: Distributions, size scaling, and effects of disorders. , 2022, , 221-240.		0