Tetsu Uesaka

List of Publications by Year
in descending order

19	495	1040056 9	888059 17
papers	citations	h-index	g-index

20	20	20	435
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Time-dependent statistical failure of fibre networks: Distributions, size scaling, and effects of disorders. , 2022, , 221-240.		0
2	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
3	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
4	Characterisation of time-dependent, statistical failure of cellulose fibre networks. Cellulose, 2018, 25, 2817-2828.	4.9	7
5	New strength metrics for containerboards: influences of basic papermaking factors. Nordic Pulp and Paper Research Journal, 2018, 33, 592-602.	0.7	1
6	Time-dependent breakdown of fiber networks: Uncertainty of lifetime. Physical Review E, 2017, 95, 053005.	2.1	9
7	3D-oriented fiber networks made by foam forming. Cellulose, 2016, 23, 661-671.	4.9	40
8	Complex Matters: Things that matter. Nordic Pulp and Paper Research Journal, 2016, 31, 213-218.	0.7	0
9	Time-dependent statistical failure of fiber networks. Physical Review E, 2015, 92, 042158.	2.1	9
10	Microstructure Variations in Paper Coating: Direct Observations. Industrial & Engineering Chemistry Research, 2012, 51, 8246-8252.	3.7	7
11	Direct simulations of fiber network deformation and failure. Mechanics of Materials, 2012, 51, 1-14.	3.2	148
12	Time-dependent, stochastic failure of paper and box. Nordic Pulp and Paper Research Journal, 2012, 27, 370-374.	0.7	5
13	New Insights into Coating Uniformity and Base Sheet Structures. Industrial & Engineering Chemistry Research, 2009, 48, 10472-10478.	3.7	11
14	Particle-level simulation of forming of the fiber network in papermaking. International Journal of Engineering Science, 2008, 46, 858-876.	5.0	27
15	Simulation of semidilute suspensions of non-Brownian fibers in shear flow. Journal of Chemical Physics, 2008, 128, 024901.	3.0	44
16	Simulation of the motion of flexible fibers in viscous fluid flow. Physics of Fluids, 2007, 19, .	4.0	121
17	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
18	Anisotropic Linear Viscoelasticity of Paper Sheet. Nihon Reoroji Gakkaishi, 1979, 7, 64-68.	1.0	3

#	Article	IF	Citations
19	Tearing Resistance of Paper and its Characterization. Kami Pa Gikyoshi/Japan Tappi Journal, 1979, 33, 403-408.	0.1	7