Philippe Coussot

List of Publications by Year
in descending order

192	10,596	31976	37204
papers	citations	53 h-index	96 g-index

202	202	202	5219
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Viscosity bifurcation in thixotropic, yielding fluids. Journal of Rheology, 2002, 46, 573-589.	2.6	395
2	Recognition, classification and mechanical description of debris flows. Earth-Science Reviews, 1996, 40, 209-227.	9.1	388
3	Steady state flow of cement suspensions: A micromechanical state of the art. Cement and Concrete Research, 2010, 40, 77-84.	11.0	382
4	Yield stress fluid flows: A review of experimental data. Journal of Non-Newtonian Fluid Mechanics, 2014, 211, 31-49.	2.4	375
5	â€œFifty-cent rheometerâ€•for yield stress measurements: From slump to spreading flow. Journal of Rheology, 2005, 49, 705-718.	2.6	363
6	Avalanche Behavior in Yield Stress Fluids. Physical Review Letters, 2002, 88, 175501.	7.8	347
7	Coexistence of Liquid and Solid Phases in Flowing Soft-Glassy Materials. Physical Review Letters, 2002, 88, 218301.	7.8	287
8	Phenomenology and physical origin of shear localization and shear banding in complex fluids. Rheologica Acta, 2009, 48, 831-844.	2.4	226
9	Rheophysical classification of concentrated suspensions and granular pastes. Physical Review E, 1999, 59, 4445-4457.	2.1	200
10	Aging and solid or liquid behavior in pastes. Journal of Rheology, 2006, 50, 975-994.	2.6	189
11	Rheophysics of pastes: a review of microscopic modelling approaches. Soft Matter, 2007, 3, 528.	2.7	175
12	Macroscopic vs. local rheology of yield stress fluids. Journal of Non-Newtonian Fluid Mechanics, 2009, 158, 85-90.	2.4	174
13	On the behavior of fine mud suspensions. Rheologica Acta, 1994, 33, 175-184.	2.4	162
14	Steady, laminar, flow of concentrated mud suspensions in open channel. Journal of Hydraulic Research/De Recherches Hydrauliques, 1994, 32, 535-559.	1.7	161
15	Viscosity bifurcation in granular materials, foams, and emulsions. Physical Review E, 2002, 66, 051305.	2.1	158
16	Yield stress and elastic modulus of suspensions of noncolloidal particles in yield stress fluids. Journal of Rheology, 2008, 52, 287-313.	2.6	157
17	Numerical Modeling of Mudflows. Journal of Hydraulic Engineering, 1997, 123, 617-623.	1.5	154
18	Viscous Fingering in a Yield Stress Fluid. Physical Review Letters, 2000, 85, 314-317.	7.8	151

#	Article	IF	Citations
19	Flow of Wet Granular Materials. Physical Review Letters, 2005, 94, 028301.	7.8	144
20	Rheology of concentrated dispersed systems in a low molecular weight matrix. Journal of Non-Newtonian Fluid Mechanics, 1993, 46, 179-217.	2.4	143
21	Direct Determination of Rheological Characteristics of Debris Flow. Journal of Hydraulic Engineering, 1998, 124, 865-868.	1.5	143
22	On the existence of a simple yield stress fluid behavior. Journal of Non-Newtonian Fluid Mechanics, 2013, 193, 68-79.	2.4	140
23	Three-dimensional jamming and flows of soft glassy materials. Nature Materials, 2010, 9, 115-119.	27.5	136
24	Direct determination by nuclear magnetic resonance of the thixotropic and yielding behavior of suspensions. Journal of Rheology, 2002, 46, 709-732.	2.6	135
25	Wall slip and yielding in pasty materials. Journal of Rheology, 2003, 47, 1211-1226.	2.6	131
26	Drag force on a sphere in steady motion through a yield-stress fluid. Journal of Rheology, 2007, 51, 125-137.	2.6	128
27	Scaling approach of the convective drying of a porous medium. European Physical Journal B, 2000, 15, 557-566.	1.5	120
28	Rheological behavior of cement pastes from MRI velocimetry. Cement and Concrete Research, 2005, 35, 1873-1881.	11.0	116
29	Rheological interpretation of deposits of yield stress fluids. Journal of Non-Newtonian Fluid Mechanics, 1996, 66, 55-70.	2.4	114
30	Structural Similarity and Transition from Newtonian to Non-Newtonian Behavior for Clay-Water Suspensions. Physical Review Letters, 1995, 74, 3971-3974.	7.8	112
31	Thixotropy modelling at local and macroscopic scales. Journal of Non-Newtonian Fluid Mechanics, 2004, 117, 85-95.	2.4	101
32	Saffmanâ€“Taylor instability in yield-stress fluids. Journal of Fluid Mechanics, 1999, 380, 363-376.	3.4	100
33	A theoretical framework for granular suspensions in a steady simple shear flow. Journal of Rheology, 1999, 43, 1673-1699.	2.6	98
34	Rheology of soft glassy materials. Europhysics Letters, 2002, 59, 786-792.	2.0	97
35	Physical origin of shear-banding in jammed systems. European Physical Journal E, 2010, 33, 183-188.	1.6	95
36	Correlation between L-box test and rheological parameters of a homogeneous yield stress fluid. Cement and Concrete Research, 2006, 36, 1789-1796.	11.0	94

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37	Wide-gap Couette flows of dense emulsions: Local concentration measurements, and comparison between macroscopic and local constitutive law measurements through magnetic resonance imaging. Physical Review E, 2008, 78, 036307.	2.1	94
38	Some Applications of Magnetic Resonance Imaging in Fluid Mechanics: Complex Flows and Complex Fluids. Annual Review of Fluid Mechanics, 2008, 40, 209-233.	25.0	92
39	General Probabilistic Approach to the Filtration Process. Physical Review Letters, 2007, 98, 114502.	7.8	88
40	Rheology of aging, concentrated, polymeric suspensions: Application to pasty sewage sludges. Journal of Rheology, 2001, 45, 1123-1139.	2.6	83
41	A largeâ€scale field coaxial cylinder rheometer for the study of the rheology of natural coarse suspensions. Journal of Rheology, 1995, 39, 105-124.	2.6	78
42	Determination of yield stress fluid behaviour from inclined plane test. Rheologica Acta, 1995, 34, 534-543.	2.4	77
43	Darcyâ€™s law for yield stress fluid flowing through a porous medium. Journal of Non-Newtonian Fluid Mechanics, 2013, 195, 57-66.	2.4	77
44	Transition from a simple yield-stress fluid to a thixotropic material. Physical Review E, 2007, 76, 051408.	2.1	74
45	Gravity flow instability of viscoplastic materials: The ketchup drip. Physical Review E, 2005, 72, 031409.	2.1	71
46	From â€œdiscreteâ€•to â€œcontinuumâ€•flow in foams. Europhysics Letters, 2005, 69, 636-642.	2.0	69
47	Measuring the surface tension of yield stress fluids. Soft Matter, 2013, 9, 5898.	2.7	67
48	Shear-induced sedimentation in yield stress fluids. Journal of Non-Newtonian Fluid Mechanics, 2012, 177-178, 19-28.	2.4	66
49	Slow, unconfined spreading of a mudflow. Journal of Geophysical Research, 1996, 101, 25217-25229.	3.3	61
50	Effect of wetting properties on the kinetics of drying of porous media. Journal of Physics Condensed Matter, 2007, 19, 112101.	1.8	61
51	How water retention in porous media with cellulose ethers works. Cement and Concrete Research, 2012, 42, 1501-1512.	11.0	61
52	Modeling the rheological behavior of waxy crude oils as a function of flow and temperature history. Journal of Rheology, 2015, 59, 703-732.	2.6	57
53	Dam Break Wave of Thixotropic Fluid. Journal of Hydraulic Engineering, 2006, 132, 280-293.	1.5	54
54	Physical age of soft-jammed systems. Physical Review E, 2007, 76, 011406.	2.1	54

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55	Rheopexy and tunable yield stress of carbon black suspensions. Soft Matter, 2013, 9, 5540.	2.7	54
56	Rheological Behavior of Drilling Muds, Characterization Using Mri Visualization. Oil and Gas Science and Technology, 2004, 59, 23-29.	1.4	53
57	MRI evidence for a receding-front effect in drying porous media. Physical Review E, 2013, 87, 062303.	2.1	53
58	Drying of a model soil. Physical Review E, 2010, 82, 036303.	2.1	48
59	Drying regimes in homogeneous porous media from macro- to nanoscale. Physical Review Fluids, 2017, 2, .	2.5	48
60	Gelation on the microscopic scale. Physical Review E, 2008, 78, 021405.	2.1	45
61	Aging and free surface flow of a thixotropic fluid. Physics of Fluids, 2005, 17, 033101.	4.0	41
62	Drying kinetics driven by the shape of the air/water interface in a capillary channel. European Physical Journal E, 2016, 39, 23.	1.6	40
63	Breaking of non-Newtonian character in flows through a porous medium. Physical Review E, 2014, 89, 023002.	2.1	39
64	Rheology of lime pasteâ€"a comparison with cement paste. Rheologica Acta, 2015, 54, 647-656.	2.4	39
65	Reversible and irreversible destructuring flow in waxy oils: An MRI study. Journal of Non-Newtonian Fluid Mechanics, 2015, 220, 77-86.	2.4	39
66	NMR observation of water transfer between a cement paste and a porous medium. Cement and Concrete Research, 2017, 95, 56-64.	11.0	39
67	Rheological behaviour of reconstituted pyroclastic debris flow. Geotechnique, 2012, 62, 19-27.	4.0	38
68	Slow flows of yield stress fluids: yielding liquids or flowing solids?. Rheologica Acta, 2018, 57, 1-14.	2.4	38
69	Motion of a solid object through a pasty (thixotropic) fluid. Physics of Fluids, 2004, 16, 594-601.	4.0	37
70	Passing ability of fresh concrete: A probabilistic approach. Cement and Concrete Research, 2009, 39, 227-232.	11.0	37
71	Steady, laminar, flow of concentrated mud suspensions in open channel. Journal of Hydraulic Research/De Recherches Hydrauliques, 1994, 32, 535-559.	1.7	36
72	Flow instability and shear localization in a drilling mud. Rheologica Acta, 2006, 46, 261-271.	2.4	35

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73	Rheology of dense snow flows: Inferences from steady state chute-flow experiments. Journal of Rheology, 2008, 52, 729-748.	2.6	35
74	Boundary layer in pastesâ€"Displacement of a long object through a yield stress fluid. Journal of Rheology, 2012, 56, 1083-1108.	2.6	35
75	Efficient numerical computations of yield stress fluid flows using second-order cone programming. Computer Methods in Applied Mechanics and Engineering, 2015, 283, 599-614.	6.6	35
76	Binghamâ€™s heritage. Rheologica Acta, 2017, 56, 163-176.	2.4	34
77	Yielding and Flow of Soft-Jammed Systems in Elongation. Physical Review Letters, 2018, 120, 048001.	7.8	34
78	Magnetic resonance imaging evidences of the impact of water sorption on hardwood capillary imbibition dynamics. Wood Science and Technology, 2018, 52, 929-955.	3.2	34
79	Mechanical characteristics and origin of wall slip in pasty biosolids. Rheologica Acta, 2004, 43, 168-174.	2.4	33
80	Modelling thixotropic behavior of fresh cement pastes from MRI measurements. Cement and Concrete Research, 2008, 38, 616-623.	11.0	33
81	Yield Stress and Minimum Pressure for Simulating the Flow Restart of a Waxy Crude Oil Pipeline. Energy & Fuels, 2017, 31, 395-407.	5.1	33
82	How Bound Water Regulates Wood Drying. Physical Review Applied, 2020, 14, .	3.8	33
83	Continuous or catastrophic solidâ€"liquid transition in jammed systems. Physics of Fluids, 2005, 17, 011704.	4.0	31
84	Measuring yield stress: a new, practical, and precise technique derived from detailed penetrometry analysis. Rheologica Acta, 2012, 51, 867-882.	2.4	31
85	Self-Limited Accumulation of Colloids in Porous Media. Physical Review Letters, 2019, 123, 158005.	7.8	31
86	The extrusion of a model yield stress fluid imaged by MRI velocimetry. Journal of Non-Newtonian Fluid Mechanics, 2010, 165, 394-408.	2.4	30
87	An investigation of squeeze flow as a viable technique for determining the yield stress. Rheologica Acta, 2009, 48, 517-526.	2.4	29
88	NMR and MRI observation of water absorption/uptake in hemp shives used for hemp concrete. Construction and Building Materials, 2016, 124, 405-413.	7.2	29
89	Porous structure and mechanical strength of cement-lime pastes during setting. Cement and Concrete Research, 2015, 77, 1-8.	11.0	28
90	Rheological Interpretation of the Slump Test. Applied Rheology, 2002, 12, 133-141.	5.2	27

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91	New technique for reconstructing instantaneous velocity profiles from viscometric tests:â€,â€,Application to pasty materials. Journal of Rheology, 2004, 48, 69-82.	2.6	27
92	Solid-Solid Transition in Landau-Levich Flow with Soft-Jammed Systems. Physical Review Letters, 2014, 112, 068304.	7.8	27
93	Solid-liquid transition and rejuvenation similarities in complex flows of thixotropic materials studied by NMR and MRI. Physical Review E, 2010, 81, 021402.	2.1	26
94	The effects of an addition of force-free particles on the rheological properties of fine suspensions. Canadian Geotechnical Journal, 1995, 32, 263-270.	2.8	25
95	Examination of the possibility of a fluid-mechanics treatment of dense granular flows. International Journal for Numerical and Analytical Methods in Geomechanics, 1996, 1, 385-403.	0.8	25
96	Boundary layer (shear-band) in frustrated viscoplastic flows. Europhysics Letters, 2013, 102, 48002.	2.0	24
97	Rheophysics. Soft and Biological Matter, 2014, , .	0.3	24
98	Rayleigh-Taylor Instability in Elastoplastic Solids: A Local Catastrophic Process. Physical Review Letters, 2016, 116, 154502.	7.8	24
99	Wetting enhanced by water adsorption in hygroscopic plantlike materials. Physical Review Research, 2019, 1, .	3.6	24
100	Abrupt Transition from Viscoelastic Solidlike to Liquidlike Behavior in Jammed Materials. Physical Review Letters, 2004, 93, 128302.	7.8	22
101	Ageing, shear rejuvenation and avalanches in soft glassy materials. Journal of Physics Condensed Matter, 2004, 16, S4987-S4992.	1.8	22
102	Particle-Size-Exclusion Clogging Regimes in Porous Media. Physical Review Letters, 2018, 120, 148001.	7.8	22
103	Elastoplastic behavior of yield stress fluids. Physical Review Fluids, 2019, 4, .	2.5	22
104	Dip-coating of yield stress fluids. Physics of Fluids, 2016, 28, 053102.	4.0	21
105	Breakage of non-Newtonian character in flow through a porous medium: Evidence from numerical simulation. Physical Review E, 2014, 89, 063018.	2.1	20
106	Flow characteristics around a plate withdrawn from a bath of yield stress fluid. Journal of Non-Newtonian Fluid Mechanics, 2015, 220, 33-43.	2.4	20
107	Drag on a sphere moving through an aging system. Europhysics Letters, 2007, 78, 68007.	2.0	19
108	Adhesion of yield stress fluids. Soft Matter, 2010, , .	2.7	19

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109	Thixotropic Behavior of Paving-Grade Bitumens under Dynamic Shear. Journal of Materials in Civil Engineering, 2012, 24, 23-31.	2.9	19
110	Water transfers within Hemp Lime Concrete followed by NMR. Cement and Concrete Research, 2012, 42, 1468-1474.	11.0	19
111	Progress in rheology and hydrodynamics allowed by NMR or MRI techniques. Experiments in Fluids, 2020, 61, 1.	2.4	19
112	Practical determination of the rheological behavior of pasty biosolids. Journal of Environmental Management, 2004, 72, 181-188.	7.8	18
113	Water retention against drying with soft-particle suspensions in porous media. Physical Review E, 2016, 94, 033104.	2.1	18
114	Wall Slip of Soft-Jammed Systems: A Generic Simple Shear Process. Physical Review Letters, 2017, 119, 208004.	7.8	18
115	Wall slip mechanisms in direct and inverse emulsions. Journal of Rheology, 2018, 62, 1495-1513.	2.6	18
116	Two-step diffusion in cellular hygroscopic (vascular plant-like) materials. Science Advances, 2022, 8, eabm7830.	10.3	17
117	Magnetic resonance imaging measurements evidence weak dispersion in homogeneous porous media. Physical Review E, 2016, 94, 053107.	2.1	16
118	Extensional gravity-rheometry (EGR) for yield stress fluids. Journal of Rheology, 2021, 65, 887-901.	2.6	15
119	Introduction: yield stressâ€”or 100Âyears of rheology. Rheologica Acta, 2017, 56, 161-162.	2.4	14
120	Drying of a Compressible Biporous Material. Physical Review Applied, 2020, 13, .	3.8	14
121	Oldroyd's model and the foundation of modern rheology of yield stress fluids. Journal of Non-Newtonian Fluid Mechanics, 2021, 295, 104604.	2.4	14
122	The mechanisms of plaster drying. Journal of Materials Science, 2015, 50, 2491-2501.	3.7	13
123	Drying kinetics of deformable and cracking nano-porous gels. European Physical Journal E, 2016, 39, 117.	1.6	13
124	Gravity draining of a yield-stress fluid through an orifice. Chemical Engineering Science, 2007, 62, 6908-6913.	3.8	12
125	Introduction to the rheology of complex fluids. , 2012, , 3-22.		12
126	Water transfer and crack regimes in nanocolloidal gels. Physical Review E, 2015, 91, 042407.	2.1	12

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127	Blade-coating of yield stress fluids. Journal of Non-Newtonian Fluid Mechanics, 2016, 237, 16-25.	2.4	12
128	Strengthening and drying rate of a drying emulsion layer. Soft Matter, 2018, 14, 8612-8626.	2.7	12
129	Convective drying of a porous medium with a paste cover. European Physical Journal E, 2019, 42, 66.	1.6	12
130	Saffmanâ€“Taylor Instability in Yield Stress Fluids: Theoryâ€“Experiment Comparison. Fluids, 2019, 4, 53.	1.7	12
131	Brittle solid collapse to simple liquid for a waxy suspension. Soft Matter, 2019, 15, 8766-8777.	2.7	12
132	Internal Flow Characteristics of a Plastic Kaolin Suspension During Extrusion. Journal of the American Ceramic Society, 2012, 95, 494-501.	3.8	11
133	Enhanced displacement of a liquid pushed by a viscoelastic fluid. Journal of Colloid and Interface Science, 2013, 410, 172-180.	9.4	11
134	Combined time-lapse magnetic resonance imaging and modeling to investigate colloid deposition and transport in porous media. Water Research, 2017, 123, 12-20.	11.3	11
135	Yielding, thixotropy, and strain stiffening of aqueous carbon black suspensions. Journal of Rheology, 2020, 64, 955-968.	2.6	11
136	The liquid regime of waxy oils suspensions: A magnetic resonance velocimetry analysis. Journal of Non-Newtonian Fluid Mechanics, 2020, 279, 104261.	2.4	11
137	Motion of a Single Bead on a Bead Row: Theoretical Investigations. Journal De Physique, I, 1996, 6, 725-751.	1.2	10
138	Rheological Aspects of the Solid-Liquid Transition in Jammed Systems. , 2006, , 69-90.		10
139	Subflorescence and plaster drying dynamics. Chemical Engineering Science, 2016, 148, 203-211.	3.8	10
140	Yielding and rheopexy of aqueous xanthan gum solutions. Rheologica Acta, 2021, 60, 653-660.	2.4	10
141	How To Unify Low-Shear-Rate Rheology and Gel Properties of Drilling Muds: A Transient Rheological and Structural Model for Complex Wells Applications. , 2006, , .		9
142	Flow of a yield stress fluid over a rotating surface. Rheologica Acta, 2006, 46, 341-355.	2.4	9
143	Normal Stresses and Interface Displacement: Influence of Viscoelasticity on Enhanced Oil Recovery Efficiency. Oil and Gas Science and Technology, 2012, 67, 921-930.	1.4	9
144	Synergistic actions of mixed small and large pores for capillary absorption through biporous polymeric materials. Soft Matter, 2018, 14, 8137-8146.	2.7	9

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145	Understanding mechanisms of drying of a cellulose slurry by magnetic resonance imaging. Cellulose, 2021, 28, 5321.	4.9	9
146	Transport and Adsorption of Nano-Colloids in Porous Media Observed by Magnetic Resonance Imaging. Transport in Porous Media, 2017, 119, 403-423.	2.6	7
147	Propagation and adsorption of nanoparticles in porous medium as traveling waves. Physical Review Research, 2020, 2, .	3.6	7
148	Ecoulements d'affaissement et d'Ã©talement. ModÃ©lisation, analyse et limites pratiques. Revue EuropÃ©enne De GÃ©nie Civil, 2006, 10, 25-44.	0.0	7
149	Vapor-sorption Coupled Diffusion in Cellulose Fiber Pile Revealed by Magnetic Resonance Imaging. Physical Review Applied, 2022, 17, .	3.8	7
150	The future of suspension rheophysics: comments on the 2008 workshop. Rheologica Acta, 2009, 48, 827-829.	2.4	6
151	Quantitative exploitation of PFG NMR and MRI velocimetry data for the rheological study of yield stress fluid flows at macro- and micro-scales in complex geometries. Experiments in Fluids, 2015, 56, 1.	2.4	6
152	Some Observations on the Impact of a Low-Solubility Ionic Solution on Drying Characteristics of a Model Porous Medium. Transport in Porous Media, 2019, 128, 915-928.	2.6	6
153	Thermal fatigue and collapse of waxy suspensions. Rheologica Acta, 2020, 59, 279-289.	2.4	6
154	Dense granular flows in a vertical chute. , 2020, , 399-402.		6
155	Quantification de la thixotropie des matÃ©riaux cimentaires et de ses effets. Revue EuropÃ©enne De GÃ©nie Civil, 2006, 10, 45-63.	0.0	6
156	Some considerations on debris flow rheology. , 1994, , 315-326.		5
157	Thixotropic Behavior of Fresh Cement Pastes from Inclined Plane Flow Measurements. Applied Rheology, 2008, 18, 14251-1-14251-8.	5.2	5
158	ModÃ©lisation numÃ©rique des Ã©coulements de laves torrentielles. Houille Blanche, 1994, 80, 50-56.	0.3	5
159	Experimental Study of Debris Flows. Journal of Hydraulic Engineering, 1995, 121, 438-440.	1.5	4
160	Pore size NMR imaging. Magnetic Resonance Imaging, 1998, 16, 621-623.	1.8	4
161	Direct Determination of Rheological Characteristics of Debris Flow. Journal of Hydraulic Engineering, 2000, 126, 158-159.	1.5	4
162	Closure to â€œDirect Determination of Rheological Characteristics of Debris Flowâ€•by Philippe Coussot, Dominique Laigle, Massimo Arattano, Andrea Deganutti, and Lorenzo Marchi. Journal of Hydraulic Engineering, 2000, 126, 158-159.	1.5	4

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163	Quantification de la thixotropie des matÃ©riaux cimentaires et de ses effet. Revue EuropÃ©enne De GÃ©nie Civil, 2006, 10, 45-63.	0.0	4
164	Modeling Aging and Yielding of Complex Fluids: Application to an Industrial Material. Oil and Gas Science and Technology, 2009, 64, 571-581.	1.4	4
165	Controlled imbibition in a porous medium from a soft wet material (poultice). Soft Matter, 2019, 15, 6732-6741.	2.7	4
166	Magnetic Resonance Imaging of drying bitumen emulsions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 591, 124512.	4.7	4
167	Wood-Mimicking Bio-Based Biporous Polymeric Materials with Anisotropic Tubular Macropores. Polymers, 2021, 13, 2692.	4.5	4
168	Rheological behaviour of pyroclastic debris flow. , 2010, , .		4
169	Mechanisms of liquid imbibition in Douglas-fir inferred from ¹H nuclear magnetic resonance methods. Holzforschung, 2021, 75, 225-236.	1.9	4
170	Suspensions of Noncolloidal Particles in Yield Stress Fluids: Experimental and Micromechanical Approaches. AIP Conference Proceedings, 2008, , .	0.4	3
171	Editorial: Saline Water Evaporation from Porous Media. Transport in Porous Media, 2019, 128, 857-859.	2.6	3
172	Model for Brownian Motion in Soft-Jammed Systems. Physical Review Letters, 2005, 95, 078303.	7.8	2
173	Ecoulements d'affaissement et d'Ã©talement. Revue EuropÃ©enne De GÃ©nie Civil, 2006, 10, 25-44.	0.0	2
174	Velocity distributions in confined flows of some complex fluids: Sequence, sample and hardware issues. Journal of Magnetic Resonance, 2014, 245, 156-170.	2.1	2
175	InstabilitÃ© du front de retrait lors du sÃ©chage d'une suspension d'argile dans un empilement granulaire. Comptes Rendus De L'Academie De Sciences - Serie IIb: Mecanique, Physique, Chimie, Astronomie, 1998, 326, 767-774.	0.1	1
176	Aging and shear rejuvenation of soft glassy materials. AIP Conference Proceedings, 2004, , .	0.4	1
177	Transition from a Simple Yield Stress Fluid to a Thixotropic Material. AIP Conference Proceedings, 2008, , .	0.4	1
178	Aging and Yielding of Colloidal Suspension by MRI Velocimetry. AIP Conference Proceedings, 2008, , .	0.4	1
179	Foreword: Special issue on papers presented at the de Gennes Discussion Conference, Chamonix, February 1stâ€“5th, 2009. Rheologica Acta, 2010, 49, 423-424.	2.4	1
180	Viscous Fingering in a Gel. , 2001, , 433-438.		1

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181	CritÃ¨re d'instabilitÃ© du front de retrait lors du sÃ©chage lent d'une suspension d'argile dans un diÃ¨dre. Comptes Rendus De L'Academie De Sciences - Serie Iib: Mecanique, Physique, Chimie, Astronomie, 1998, 326, 919-926.	0.1	0
182	Imagerie par rÃ©sonance magnÃ©tique appliquÃ©e aux matÃ©riaux du gÃ©nie civil. Oil & Gas Science & Technology, 1998, 53, 527-529.	0.2	0
183	Mouvements capillaires durant le sÃ©chage d'une pÃ¢te granulaire. Comptes Rendus De L'Academie De Sciences - Serie Iib: Mecanique, Physique, Chimie, Astronomie, 1999, 327, 1101-1106.	0.1	0
184	PrÃ©diction de la capacitÃ© d'un bÃ©ton frais Ã remplir un coffrage. Revue EuropÃ©enne De GÃ©nie Civil, 2007, 11, 463-475.	0.0	0
185	Flow in Glassy Systems European School of Rheology. Applied Rheology, 2007, 17, 228-229.	5.2	0
186	The Squeeze Flow of Yield Stress Fluids. AIP Conference Proceedings, 2008, , .	0.4	0
187	De Gennes Discussion Conference 2009. Applied Rheology, 2009, 19, 250-251.	5.2	0
188	Entrance and exit effects for a viscoelastic liquid displacing a simple liquid through a contraction. Journal of Non-Newtonian Fluid Mechanics, 2013, 199, 51-60.	2.4	0
189	Complex-Fluid Approach for Determining Rheological Characteristics of Fine-Grained Soils and Clay Minerals. Journal of Materials in Civil Engineering, 2018, 30, 04018322.	2.9	0
190	PrÃ©diction de la capacitÃ© d'un bÃ©ton frais Ã remplir un coffrage. Revue EuropÃ©enne De GÃ©nie Civil, 2007, 11, 463-475.	0.0	0
191	Rheological Aspects of the Solid-Liquid Transition in Jammed Systems. , 2006, , 69-90.		0
192	Welcome to the new editor in chief. Rheologica Acta, 2022, 61, 353-353.	2.4	0