

# Herbert E Huppert

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2483340/publications.pdf>

Version: 2024-02-01

160  
papers

10,906  
citations

28190

55  
h-index

30848

102  
g-index

160  
all docs

160  
docs citations

160  
times ranked

5031  
citing authors

#	ARTICLE	IF	CITATIONS
1	The propagation of two-dimensional and axisymmetric viscous gravity currents over a rigid horizontal surface. <i>Journal of Fluid Mechanics</i> , 1982, 121, 43.	1.4	740
2	The slumping of gravity currents. <i>Journal of Fluid Mechanics</i> , 1980, 99, 785-799.	1.4	512
3	Double-diffusive convection. <i>Journal of Fluid Mechanics</i> , 1981, 106, 299.	1.4	486
4	Flow and instability of a viscous current down a slope. <i>Nature</i> , 1982, 300, 427-429.	13.7	465
5	Axisymmetric collapses of granular columns. <i>Journal of Fluid Mechanics</i> , 2004, 508, 175-199.	1.4	301
6	Particle-driven gravity currents. <i>Journal of Fluid Mechanics</i> , 1993, 250, 339-369.	1.4	300
7	The Fluid Mechanics of Carbon Dioxide Sequestration. <i>Annual Review of Fluid Mechanics</i> , 2014, 46, 255-272.	10.8	288
8	Convective dissolution of carbon dioxide in saline aquifers. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	266
9	Emplacement and cooling of komatiite lavas. <i>Nature</i> , 1984, 309, 19-22.	13.7	255
10	Gravity-driven flows in porous layers. <i>Journal of Fluid Mechanics</i> , 1995, 292, 55-69.	1.4	241
11	The fluid mechanics of solidification. <i>Journal of Fluid Mechanics</i> , 1990, 212, 209.	1.4	237
12	Thermal control of basaltic fissure eruptions. <i>Nature</i> , 1989, 342, 665-667.	13.7	199
13	The role of volatiles in magma chamber dynamics. <i>Nature</i> , 2002, 420, 493-495.	13.7	195
14	Effects of volatiles on mixing in calc-alkaline magma systems. <i>Nature</i> , 1982, 297, 554-557.	13.7	189
15	Ice blocks melting into a salinity gradient. <i>Journal of Fluid Mechanics</i> , 1980, 100, 367.	1.4	188
16	Gravity currents: a personal perspective. <i>Journal of Fluid Mechanics</i> , 2006, 554, 299.	1.4	182
17	Nonlinear double-diffusive convection. <i>Journal of Fluid Mechanics</i> , 1976, 78, 821.	1.4	177
18	Density changes during the fractional crystallization of basaltic magmas: fluid dynamic implications. <i>Contributions To Mineralogy and Petrology</i> , 1984, 85, 300-309.	1.2	173

#	ARTICLE	IF	CITATIONS
19	Dynamic solidification of a binary melt. <i>Nature</i> , 1985, 314, 703-707.	13.7	170
20	On lava dome growth, with application to the 1979 lava extrusion of the soufrière of St. Vincent. <i>Journal of Volcanology and Geothermal Research</i> , 1982, 14, 199-222.	0.8	167
21	Natural convection during solidification of an alloy from above with application to the evolution of sea ice. <i>Journal of Fluid Mechanics</i> , 1997, 344, 291-316.	1.4	166
22	Entrainment into two-dimensional and axisymmetric turbulent gravity currents. <i>Journal of Fluid Mechanics</i> , 1996, 308, 289-311.	1.4	165
23	On heating a stable salinity gradient from below. <i>Journal of Fluid Mechanics</i> , 1979, 95, 431.	1.4	153
24	Axisymmetric particle-driven gravity currents. <i>Journal of Fluid Mechanics</i> , 1995, 294, 93-121.	1.4	142
25	Some remarks on the initiation of inertial Taylor columns. <i>Journal of Fluid Mechanics</i> , 1975, 67, 397-412.	1.4	141
26	Axisymmetric gravity currents in a porous medium. <i>Journal of Fluid Mechanics</i> , 2005, 543, 293.	1.4	134
27	The intrusion of fluid mechanics into geology. <i>Journal of Fluid Mechanics</i> , 1986, 173, 557-594.	1.4	128
28	Analytical model for solidification of the Earth's core. <i>Nature</i> , 1992, 356, 329-331.	13.7	125
29	Emplacement of the Taupo ignimbrite by a dilute turbulent flow. <i>Nature</i> , 1996, 381, 509-512.	13.7	113
30	Extreme natural hazards: population growth, globalization and environmental change. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2006, 364, 1875-1888.	1.6	105
31	On melting icebergs. <i>Nature</i> , 1978, 271, 46-48.	13.7	100
32	Solidification of an alloy cooled from above Part 1. Equilibrium growth. <i>Journal of Fluid Mechanics</i> , 1990, 216, 323-342.	1.4	99
33	Two-dimensional viscous gravity currents flowing over a deep porous medium. <i>Journal of Fluid Mechanics</i> , 2001, 440, 359-380.	1.4	97
34	Melting the roof of a chamber containing a hot, turbulently convecting fluid. <i>Journal of Fluid Mechanics</i> , 1988, 188, 107-131.	1.4	91
35	Gravity currents in a porous medium at an inclined plane. <i>Journal of Fluid Mechanics</i> , 2006, 555, 353.	1.4	90
36	Entrainment in turbulent gravity currents. <i>Nature</i> , 1993, 362, 829-831.	13.7	87

#	ARTICLE	IF	CITATIONS
37	A box model for non-entraining, suspension-driven gravity surges on horizontal surfaces. <i>Sedimentology</i> , 1995, 42, 453-470.	1.6	87
38	Restrictions on the compositions of mid-ocean ridge basalts: a fluid dynamical investigation. <i>Nature</i> , 1980, 286, 46-48.	13.7	86
39	Spreading and convective dissolution of carbon dioxide in vertically confined, horizontal aquifers. <i>Water Resources Research</i> , 2012, 48, .	1.7	84
40	Two-phase gravity currents in porous media. <i>Journal of Fluid Mechanics</i> , 2011, 678, 248-270.	1.4	82
41	Time-dependent density profiles in a filling box. <i>Journal of Fluid Mechanics</i> , 1983, 132, 457-466.	1.4	78
42	Effects of external flow on compositional and particle gravity currents. <i>Journal of Fluid Mechanics</i> , 1998, 359, 109-142.	1.4	72
43	Sedimentation of particles from a convecting fluid. <i>Nature</i> , 1990, 343, 447-450.	13.7	71
44	Origin of modal and rhythmic igneous layering by sedimentation in a convecting magma chamber. <i>Nature</i> , 1993, 361, 246-249.	13.7	71
45	Erosion by planar turbulent wall jets. <i>Journal of Fluid Mechanics</i> , 1997, 338, 317-340.	1.4	70
46	Abrupt transitions in high-concentration, particle-driven gravity currents. <i>Physics of Fluids</i> , 1998, 10, 1083-1087.	1.6	69
47	Disequilibrium and macrosegregation during solidification of a binary melt. <i>Nature</i> , 1989, 340, 357-362.	13.7	68
48	Granular column collapses: further experimental results. <i>Journal of Fluid Mechanics</i> , 2007, 575, 177-186.	1.4	68
49	the phase evolution of Young Sea Ice. <i>Geophysical Research Letters</i> , 1997, 24, 1251-1254.	1.5	67
50	Bi-directional flows in constrained systems. <i>Journal of Fluid Mechanics</i> , 2007, 578, 95-112.	1.4	66
51	Flow and instability of thin films on a cylinder and sphere. <i>Journal of Fluid Mechanics</i> , 2010, 647, 221-238.	1.4	66
52	Gravity currents entering a two-layer fluid. <i>Journal of Fluid Mechanics</i> , 1980, 100, 739-767.	1.4	64
53	On gravity currents propagating at the base of a stratified ambient. <i>Journal of Fluid Mechanics</i> , 2002, 458, 283-301.	1.4	63
54	Steady-state solidification of aqueous ammonium chloride. <i>Journal of Fluid Mechanics</i> , 2008, 599, 465-476.	1.4	59

#	ARTICLE	IF	CITATIONS
55	Axisymmetric gravity currents in a rotating system: experimental and numerical investigations. <i>Journal of Fluid Mechanics</i> , 2001, 447, 1-29.	1.4	57
56	Solidification of an alloy cooled from above Part 2. Non-equilibrium interfacial kinetics. <i>Journal of Fluid Mechanics</i> , 1990, 217, 331-348.	1.4	56
57	Modelling carbon dioxide sequestration in layered strata. <i>Journal of Fluid Mechanics</i> , 2009, 625, 353-370.	1.4	55
58	Fluid injection into a confined porous layer. <i>Journal of Fluid Mechanics</i> , 2014, 745, 592-620.	1.4	55
59	Granular column collapses down rough, inclined channels. <i>Journal of Fluid Mechanics</i> , 2011, 675, 347-368.	1.4	54
60	Bending of elastic fibres in viscous flows: the influence of confinement. <i>Journal of Fluid Mechanics</i> , 2013, 720, 517-544.	1.4	52
61	Sedimentation and entrainment in dense layers of suspended particles stirred by an oscillating grid. <i>Journal of Fluid Mechanics</i> , 1995, 289, 263-293.	1.4	50
62	Convection and particle entrainment driven by differential sedimentation. <i>Journal of Fluid Mechanics</i> , 1991, 226, 349-369.	1.4	48
63	The effects of rotation on axisymmetric gravity currents. <i>Journal of Fluid Mechanics</i> , 1998, 362, 17-51.	1.4	47
64	Polydisperse particle-driven gravity currents. <i>Journal of Fluid Mechanics</i> , 2002, 472, 333-371.	1.4	45
65	The effect of a fissure on storage in a porous medium. <i>Journal of Fluid Mechanics</i> , 2009, 639, 239-259.	1.4	44
66	Magnetic resonance imaging of structure and convection in solidifying mushy layers. <i>Journal of Fluid Mechanics</i> , 2006, 552, 99.	1.4	43
67	Steady-state mushy layers: experiments and theory. <i>Journal of Fluid Mechanics</i> , 2007, 570, 69-77.	1.4	42
68	The fluid dynamics of crustal melting by injection of basaltic sills. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 1988, 79, 237-243.	0.3	40
69	Fluid drainage from the edge of a porous reservoir. <i>Journal of Fluid Mechanics</i> , 2013, 718, 558-568.	1.4	40
70	The effects of capillary forces on the axisymmetric propagation of two-phase, constant-flux gravity currents in porous media. <i>Physics of Fluids</i> , 2013, 25, .	1.6	40
71	Diffusion-controlled solidification of a ternary melt from a cooled boundary. <i>Journal of Fluid Mechanics</i> , 2001, 432, 201-217.	1.4	38
72	Phase changes following the initiation of a hot turbulent flow over a cold solid surface. <i>Journal of Fluid Mechanics</i> , 1989, 198, 293.	1.4	35

#	ARTICLE	IF	CITATIONS
73	Reversing buoyancy of particle-driven gravity currents. <i>Physics of Fluids</i> , 1999, 11, 2891-2900.	1.6	32
74	On gravity currents driven by constant fluxes of saline and particle-laden fluid in the presence of a uniform flow. <i>Journal of Fluid Mechanics</i> , 2005, 539, 349.	1.4	32
75	Solidification of an alloy cooled from above. Part 3. Compositional stratification within the solid. <i>Journal of Fluid Mechanics</i> , 1990, 218, 337.	1.4	30
76	The effect of confining boundaries on viscous gravity currents. <i>Journal of Fluid Mechanics</i> , 2007, 577, 495-505.	1.4	30
77	High-Reynolds-number gravity currents over a porous boundary: shallow-water solutions and box-model approximations. <i>Journal of Fluid Mechanics</i> , 2000, 418, 1-23.	1.4	29
78	Dynamics of viscous grounding lines. <i>Journal of Fluid Mechanics</i> , 2010, 648, 363-380.	1.4	29
79	Leakage from gravity currents in a porous medium. Part 1. A localized sink. <i>Journal of Fluid Mechanics</i> , 2011, 666, 391-413.	1.4	29
80	The effect of confining impermeable boundaries on gravity currents in a porous medium. <i>Journal of Fluid Mechanics</i> , 2010, 649, 1-17.	1.4	28
81	On Howard's technique for perturbing neutral solutions of the Taylor-Goldstein equation. <i>Journal of Fluid Mechanics</i> , 1973, 57, 361.	1.4	27
82	Mixing of an interflow into the ambient water of Lake Iseo. <i>Limnology and Oceanography</i> , 2013, 58, 579-592.	1.6	27
83	On gravity currents propagating at the base of a stratified ambient: effects of geometrical constraints and rotation. <i>Journal of Fluid Mechanics</i> , 2004, 521, 69-104.	1.4	26
84	Energy balances for propagating gravity currents: homogeneous and stratified ambients. <i>Journal of Fluid Mechanics</i> , 2006, 565, 363.	1.4	26
85	On the hydrodynamic interaction between a particle and a permeable surface. <i>Physics of Fluids</i> , 2013, 25, 073103.	1.6	26
86	Capillary pinning and blunting of immiscible gravity currents in porous media. <i>Water Resources Research</i> , 2014, 50, 7067-7081.	1.7	26
87	Modelling intrusions through quiescent and moving ambients. <i>Journal of Fluid Mechanics</i> , 2015, 771, 370-406.	1.4	25
88	Elastic Relaxation of Fluid-Driven Cracks and the Resulting Backflow. <i>Physical Review Letters</i> , 2016, 117, 268001.	2.9	24
89	A mathematical framework for the analysis of particle-driven gravity currents. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2001, 457, 1241-1272.	1.0	22
90	Leakage from gravity currents in a porous medium. Part 2. A line sink. <i>Journal of Fluid Mechanics</i> , 2011, 666, 414-427.	1.4	22

#	ARTICLE	IF	CITATIONS
91	The competition between gravity and flow focusing in two-layered porous media. <i>Journal of Fluid Mechanics</i> , 2013, 720, 5-14.	1.4	22
92	Transitions in double-diffusive convection. <i>Nature</i> , 1976, 263, 20-22.	13.7	21
93	Particulate gravity currents along V-shaped valleys. <i>Journal of Fluid Mechanics</i> , 2009, 631, 419-440.	1.4	21
94	The effect of side walls on homogeneous rotating flow over two-dimensional obstacles. <i>Journal of Fluid Mechanics</i> , 1974, 62, 417.	1.4	20
95	The growth of compositionally stratified solid above a horizontal boundary. <i>Journal of Fluid Mechanics</i> , 1989, 199, 29-53.	1.4	20
96	Solidification and compositional convection of a ternary alloy. <i>Journal of Fluid Mechanics</i> , 2003, 497, 167-199.	1.4	19
97	The Physical Processes involved in the Melting of Icebergs (Invited paper). <i>Annals of Glaciology</i> , 1980, 1, 97-101.	2.8	19
98	Dissolution-driven convection in a reactive porous medium. <i>Journal of Fluid Mechanics</i> , 2005, 535, 255-285.	1.4	18
99	Viscous gravity currents inside confining channels and fractures. <i>Physics of Fluids</i> , 2008, 20, 023104.	1.6	18
100	Dynamics of viscous backflow from a model fracture network. <i>Journal of Fluid Mechanics</i> , 2018, 836, 828-849.	1.4	16
101	Deposition morphology of granular column collapses. <i>Granular Matter</i> , 2021, 23, 1.	1.1	16
102	Solidification and convection of a ternary solution cooled from the side. <i>Journal of Fluid Mechanics</i> , 2003, 489, 269-299.	1.4	15
103	The waterlogging of floating objects. <i>Journal of Fluid Mechanics</i> , 2007, 585, 245-254.	1.4	15
104	Inclined gravity currents filling basins: the impact of peeling detrainment on transport and vertical structure. <i>Journal of Fluid Mechanics</i> , 2017, 820, 400-423.	1.4	15
105	Self-similar solutions of the axisymmetric shallow-water equations governing converging inviscid gravity currents. <i>Journal of Fluid Mechanics</i> , 2004, 506, 331-355.	1.4	14
106	Natural Disasters: Explosive Volcanic Eruptions and Gigantic Landslides. <i>Theoretical and Computational Fluid Dynamics</i> , 1998, 10, 201-212.	0.9	13
107	Experimental exploration of fluid-driven cracks in brittle hydrogels. <i>Journal of Fluid Mechanics</i> , 2018, 844, 435-458.	1.4	13
108	Emplacement of Taupo ignimbrite. <i>Nature</i> , 1997, 385, 307-308.	13.7	12

#	ARTICLE	IF	CITATIONS
109	On inwardly propagating high-Reynolds-number axisymmetric gravity currents. <i>Journal of Fluid Mechanics</i> , 2003, 494, 255-274.	1.4	12
110	The growth and structure of double-diffusive cells adjacent to a cooled sidewall in a salt-stratified environment. <i>Journal of Fluid Mechanics</i> , 2004, 518, 347-362.	1.4	12
111	Carbon: No silver bullet. <i>Science</i> , 2014, 345, 1130-1130.	6.0	12
112	Similarity solutions and viscous gravity current adjustment times. <i>Journal of Fluid Mechanics</i> , 2019, 874, 285-298.	1.4	12
113	Gravity currents from a line source in an ambient flow. <i>Journal of Fluid Mechanics</i> , 2008, 606, 1-26.	1.4	10
114	Fluid migration between confined aquifers. <i>Journal of Fluid Mechanics</i> , 2014, 757, 330-353.	1.4	10
115	Stratified gravity currents in porous media. <i>Journal of Fluid Mechanics</i> , 2016, 791, 329-357.	1.4	10
116	Finite-Size Analysis of the Collapse of Dry Granular Columns. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL096054.	1.5	10
117	Compressible particle-driven gravity currents. <i>Journal of Fluid Mechanics</i> , 2001, 445, 305-325.	1.4	9
118	Effects of particle sedimentation and rotation on axisymmetric gravity currents. <i>Physics of Fluids</i> , 2001, 13, 3687-3698.	1.6	9
119	Numerical modelling of convection in a reactive porous medium with a mobile mushy-liquid interface. <i>Journal of Fluid Mechanics</i> , 2006, 549, 99.	1.4	9
120	Energy balances for axisymmetric gravity currents in homogeneous and linearly stratified ambients. <i>Journal of Fluid Mechanics</i> , 2008, 616, 303-326.	1.4	9
121	Surface curvature of steady granular flows. <i>Granular Matter</i> , 2012, 14, 229-234.	1.1	9
122	Topographic controls on gravity currents in porous media. <i>Journal of Fluid Mechanics</i> , 2013, 734, 317-337.	1.4	9
123	Two-phase gravity currents resulting from the release of a fixed volume of fluid in a porous medium. <i>Journal of Fluid Mechanics</i> , 2017, 832, 550-577.	1.4	9
124	Interaction of viscous free-surface flows with topography. <i>Journal of Fluid Mechanics</i> , 2019, 876, 912-938.	1.4	9
125	Stokes drift in coral reefs with depth-varying permeability. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20190531.	1.6	9
126	Ageostrophic effects in rotating stratified flow. <i>Journal of Fluid Mechanics</i> , 1974, 62, 369-385.	1.4	8



#	ARTICLE	IF	CITATIONS
127	Contaminated komatiites (reply). <i>Nature</i> , 1985, 313, 247-248.	13.7	8
128	Solidification of a binary alloy of variable viscosity from a vertical boundary. <i>Journal of Fluid Mechanics</i> , 1995, 303, 103-132.	1.4	8
129	Spreading and deposition of particulate matter in uniform flows. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2001, 39, 505-518.	0.7	8
130	Axisymmetric, constantly supplied gravity currents at high Reynolds number. <i>Journal of Fluid Mechanics</i> , 2011, 675, 540-551.	1.4	8
131	Shallow free-surface Stokes flow around a corner. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20190515.	1.6	8
132	Inclined gravity currents filling basins: The influence of Reynolds number on entrainment into gravity currents. <i>Physics of Fluids</i> , 2015, 27, 096602.	1.6	7
133	Backflow from a model fracture network: an asymptotic investigation. <i>Journal of Fluid Mechanics</i> , 2019, 864, 899-924.	1.4	7
134	Experimental Insights on the Propagation of Fine-Grained Geophysical Flows Entering Water. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016838.	1.0	7
135	Stokes drift through corals. <i>Environmental Fluid Mechanics</i> , 2021, 21, 1119-1135.	0.7	7
136	Spreading or contraction of viscous drops between plates: single, multiple or annular drops. <i>Journal of Fluid Mechanics</i> , 2021, 925, .	1.4	7
137	Compressible vapour flow in conduits and fractures. <i>Journal of Fluid Mechanics</i> , 2016, 802, 750-759.	1.4	6
138	The relaxation time for viscous and porous gravity currents following a change in flux. <i>Journal of Fluid Mechanics</i> , 2017, 821, 330-342.	1.4	6
139	Multicomponent convection: Turbulence in Earth, Sun and sea. <i>Nature</i> , 1983, 303, 478-479.	13.7	5
140	Crystallization and layering induced by heating a reactive porous medium. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	1.5	5
141	Symmetric coalescence of two hydraulic fractures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10228-10232.	3.3	5
142	The oceanography of fjords. <i>Nature</i> , 1979, 280, 273-274.	13.7	4
143	Instability of a gravity current within a soap film. <i>Journal of Fluid Mechanics</i> , 2014, 753, .	1.4	4
144	Maximal liquid bridges between horizontal cylinders. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2016, 472, 20160233.	1.0	4

#	ARTICLE	IF	CITATIONS
145	A note on the howard-Malkus-Whitehead floating heat sources. <i>Geophysical Fluid Dynamics</i> , 1971, 2, 317-322.	0.4	3
146	Flow of buoyant granular materials along a free surface. <i>Journal of Fluid Mechanics</i> , 2018, 848, 312-339.	1.4	3
147	The fate of continuous input of relatively heavy fluid at the base of a porous medium. <i>Journal of Fluid Mechanics</i> , 2022, 932, .	1.4	3
148	Crystal growth: From multi-branched snowflakes to precious minerals. <i>Nature</i> , 1986, 323, 202-203.	13.7	2
149	GEORGE KEITH BATCHELOR 8 March 1920–30 March 2000 Founding Editor, <i>Journal of Fluid Mechanics</i> , 1956. <i>Journal of Fluid Mechanics</i> , 2000, 421, 1-14.	1.4	2
150	Fluid invasion of an unsaturated leaky porous layer. <i>Journal of Fluid Mechanics</i> , 2015, 777, 97-121.	1.4	2
151	Time to Approach Similarity. <i>Quarterly Journal of Mechanics and Applied Mathematics</i> , 0, , .	0.5	1
152	Stokes at 200: a celebration of the remarkable achievements of Sir George Gabriel Stokes two hundred years after his birth. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20190505.	1.6	1
153	Viscous backflow from a model fracture network: influence of a permeable boundary. <i>Journal of Fluid Mechanics</i> , 2021, 911, .	1.4	1
154	Two-phase gravity currents in porous media. <i>Journal of Fluid Mechanics</i> , 0, , 1-23.	1.4	1
155	Icebergs: technology for the future. <i>Nature</i> , 1980, 285, 67-68.	13.7	0
156	Fluid mechanics: G.I. Taylor and his influence. <i>Nature</i> , 1986, 322, 500-500.	13.7	0
157	Stokes, Tyndall, Ruskin and the nineteenth-century beginnings of climate science. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20200064.	1.6	0
158	Stokes at 200 (part 2). <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20200160.	1.6	0
159	Dense Suspension Flow in a Penny-Shaped Crack, Part I : Theory. <i>Journal of the Mechanics and Physics of Solids</i> , 2021, 152, 104417.	2.3	0
160	Viscous gravity currents over flat inclined surfaces. <i>Journal of Fluid Mechanics</i> , 2022, 931, .	1.4	0