Michael Renardy

List of Publications by Year
in descending order

169	4,603	109137	118652
papers	citations	35 h-index	62 g-index

171	171	171	2493
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	PROST: A Parabolic Reconstruction of Surface Tension for the Volume-of-Fluid Method. Journal of Computational Physics, 2002, 183, 400-421.	1.9	446
2	Numerical simulation of breakup of a viscous drop in simple shear flow through a volume-of-fluid method. Physics of Fluids, 2000, 12, 269-282.	1.6	232
3	Numerical Simulation of Moving Contact Line Problems Using a Volume-of-Fluid Method. Journal of Computational Physics, 2001, 171, 243-263.	1.9	229
4	Hyperbolicity and change of type in the flow of viscoelastic fluids. Archive for Rational Mechanics and Analysis, 1985, 87, 213-251.	1.1	207
5	Instability of the flow of two immiscible liquids with different viscosities in a pipe. Journal of Fluid Mechanics, 1984, 141, 309-317.	1.4	181
6	Wolfgang von Ohnesorge. Physics of Fluids, 2011, 23, .	1.6	163
7	Linear stability of plane couette flow of an upper convected maxwell fluid. Journal of Non-Newtonian Fluid Mechanics, 1986, 22, 23-33.	1.0	130
8	Two-dimensional cusped interfaces. Journal of Fluid Mechanics, 1991, 223, 383.	1.4	112
9	A numerical study of the asymptotic evolution and breakup of Newtonian and viscoelastic jets. Journal of Non-Newtonian Fluid Mechanics, 1995, 59, 267-282.	1.0	111
10	Structure of the spectrum in zero Reynolds number shear flow of the UCM and Oldroyd-B liquids. Journal of Non-Newtonian Fluid Mechanics, 1999, 80, 251-268.	1.0	94
11	An Existence Theorem for Model Equations Resulting from Kinetic Theories of Polymer Solutions. SIAM Journal on Mathematical Analysis, 1991, 22, 313-327.	0.9	82
12	Symmetric factorization of the conformation tensor in viscoelastic fluid models. Journal of Non-Newtonian Fluid Mechanics, 2011, 166, 546-553.	1.0	78
13	Some comments on the surface-tension driven break-up (or the lack of it) of viscoelastic jets. Journal of Non-Newtonian Fluid Mechanics, 1994, 51, 97-107.	1.0	77
14	High weissenberg number boundary layers for the upper convected Maxwell fluid. Journal of Non-Newtonian Fluid Mechanics, 1997, 68, 125-132.	1.0	70
15	On the linear stability of hyperbolic PDEs and viscoelastic flows. Zeitschrift Fur Angewandte Mathematik Und Physik, 1994, 45, 854-865.	0.7	64
16	A matched solution for corner flow of the upper convected Maxwell fluid. Journal of Non-Newtonian Fluid Mechanics, 1995, 58, 83-89.	1.0	64
17	Failure and nonfailure of fluid filaments in extension1Dedicated to the memory of Professor Gianni Astarita.1. Journal of Non-Newtonian Fluid Mechanics, 1998, 76, 137-151.	1.0	62
18	Temporal Evolution of Periodic Disturbances in Two-Layer Couette Flow. Journal of Computational Physics, 1997, 132, 346-361.	1.9	60

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19	A numerical study of periodic disturbances on two-layer Couette flow. Physics of Fluids, 1998, 10, 3056-3071.	1.6	57
20	Somk remarks on the navier-stokes equations with a pressure-dependent viscosity. Communications in Partial Differential Equations, 1986, 11, 779-793.	1.0	52
21	Similarity solutions for jet breakup for various models of viscoelastic fluids. Journal of Non-Newtonian Fluid Mechanics, 2002, 104, 65-74.	1.0	51
22	Configuration-dependent friction coefficients and elastic dumbbell rheology. Journal of Non-Newtonian Fluid Mechanics, 1985, 18, 255-272.	1.0	49
23	The stresses of an upper convected Maxwell fluid in a Newtonian velocity field near a re-entrant corner. Journal of Non-Newtonian Fluid Mechanics, 1993, 50, 127-134.	1.0	47
24	Ill-posedness at the boundary for elastic solids sliding under Coulomb friction. Journal of Elasticity, 1992, 27, 281-287.	0.9	44
25	Parallel shear flows of fluids with a pressure-dependent viscosity. Journal of Non-Newtonian Fluid Mechanics, 2003, 114, 229-236.	1.0	44
26	Ill-posedness of the Hydrostatic Euler and Navierâ€“Stokes Equations. Archive for Rational Mechanics and Analysis, 2009, 194, 877-886.	1.1	43
27	Boundary layer analysis of the Phan-Thien-Tanner and Giesekus model in high Weissenberg number flow. Journal of Non-Newtonian Fluid Mechanics, 1997, 73, 181-189.	1.0	41
28	IMPOSING â€˜NOâ€™ BOUNDARY CONDITION AT OUTFLOW: WHY DOES IT WORK?. International Journal for Numerical Methods in Fluids, 1997, 24, 413-417.	0.9	41
29	Current issues in non-Newtonian flows: a mathematical perspective. Journal of Non-Newtonian Fluid Mechanics, 2000, 90, 243-259.	1.0	41
30	On the Type of Certain Co-Semigroups. Communications in Partial Differential Equations, 1993, 18, 1299-1307.	1.0	40
31	Derivation of amplitude equations and analysis of sideband instabilities in twoâ€layer flows. Physics of Fluids A, Fluid Dynamics, 1993, 5, 2738-2762.	1.6	40
32	Recent advances in the mathematical theory of steady flow of viscoelastic fluids. Journal of Non-Newtonian Fluid Mechanics, 1988, 29, 11-24.	1.0	39
33	A comment on smoothness of viscoelastic stresses. Journal of Non-Newtonian Fluid Mechanics, 2006, 138, 204-205.	1.0	39
34	Inflow boundary conditions for steady flow of viscoelastic fluids with differential constituitive laws. Rocky Mountain Journal of Mathematics, 1988, 18, 445.	0.2	38
35	Bifurcation from Rotating Waves. Archive for Rational Mechanics and Analysis, 1982, 79, 49-84.	1.1	36
36	A Model Equation for Viscoelasticity with a Strongly Singular Kernel. SIAM Journal on Mathematical Analysis, 1988, 19, 257-269.	0.9	34

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37	The high Weissenberg number limit of the UCM model and the Euler equations. Journal of Non-Newtonian Fluid Mechanics, 1997, 69, 293-301.	1.0	32
38	Similarity solutions for breakup of jets of power law fluids. Journal of Non-Newtonian Fluid Mechanics, 2004, 122, 303-312.	1.0	32
39	Perturbation analysis of steady and oscillatory onset in a BÃ©nard problem with two similar liquids. Physics of Fluids, 1985, 28, 2699-2708.	1.4	31
40	Takensâ€“Bogdanov bifurcation on the hexagonal lattice for double-layer convection. Physica D: Nonlinear Phenomena, 1999, 129, 171-202.	1.3	31
41	Are viscoelastic flows under control or out of control?. Systems and Control Letters, 2005, 54, 1183-1193.	1.3	31
42	How to integrate the upper convected Maxwell (UCM) stresses near a singularity (and maybe) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	1.0	30
43	An alternative approach to inflow boundary conditions for Maxwell fluids in three space dimensions. Journal of Non-Newtonian Fluid Mechanics, 1990, 36, 419-425.	1.0	27
44	Local Existence of Solutions of the Dirichlet Initial-Boundary Value Problem for Incompressible Hypoelastic Materials. SIAM Journal on Mathematical Analysis, 1990, 21, 1369-1385.	0.9	27
45	Self-similar jet breakup for a generalized PTT model. Journal of Non-Newtonian Fluid Mechanics, 2002, 103, 261-269.	1.0	27
46	The mathematics of myth: Yield stress behavior as a limit of non-monotone constitutive theories. Journal of Non-Newtonian Fluid Mechanics, 2010, 165, 519-526.	1.0	27
47	Bifurcating solutions at the onset of convection in the BÃ©nard problem for two fluids. Physica D: Nonlinear Phenomena, 1988, 32, 227-252.	1.3	26
48	Singular value decomposition in Minkowski space. Linear Algebra and Its Applications, 1996, 236, 53-58.	0.4	25
49	Self-similar breakup of a Giesekus jet. Journal of Non-Newtonian Fluid Mechanics, 2001, 97, 283-293.	1.0	25
50	A local existence and uniqueness theorem for a K-BKZ-fluid. Archive for Rational Mechanics and Analysis, 1985, 88, 83-94.	1.1	24
51	A singularly perturbed problem related to surfactant spreading on thin films. Nonlinear Analysis: Theory, Methods & Applications, 1996, 27, 287-296.	0.6	24
52	Re-entrant corner behavior of the PTT fluid. Journal of Non-Newtonian Fluid Mechanics, 1997, 69, 99-104.	1.0	24
53	Global Existence Result for the Generalized Peterlin Viscoelastic Model. SIAM Journal on Mathematical Analysis, 2017, 49, 2950-2964.	0.9	24
54	Draw Resonance Revisited. SIAM Journal on Applied Mathematics, 2006, 66, 1261-1269.	0.8	23

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55	Boundary layers for the upper convected Maxwell fluid. Journal of Non-Newtonian Fluid Mechanics, 2012, 189-190, 14-18.	1.0	23
56	Null controllability of the linearized compressible Navier Stokes system in one dimension. Journal of Differential Equations, 2014, 257, 3813-3849.	1.1	23
57	On an equation describing the spreading of surfactants on thin films. Nonlinear Analysis: Theory, Methods & Applications, 1996, 26, 1207-1219.	0.6	22
58	On the stability of differentiability of semigroups. Semigroup Forum, 1995, 51, 343-346.	0.3	20
59	Location of the continuous spectrum in complex flows of the UCM fluid. Journal of Non-Newtonian Fluid Mechanics, 2000, 94, 75-85.	1.0	20
60	Singularly Perturbed Hyperbolic Evolution Problems with Infinite Delay and an Application to Polymer Rheology. SIAM Journal on Mathematical Analysis, 1984, 15, 333-349.	0.9	19
61	Short wave instabilities resulting from memory slip. Journal of Non-Newtonian Fluid Mechanics, 1990, 35, 73-76.	1.0	19
62	Reaction-diffusion problems in electrolysis. Nonlinear Differential Equations and Applications, 1994, 1, 91-117.	0.4	19
63	Pattern selection in the Bï¿½nard problem for a viscoelastic fluid. Zeitschrift Fur Angewandte Mathematik Und Physik, 1992, 43, 154-180.	0.7	18
64	A mathematicianâ€™s perspective on the Oldroyd B model: Progress and future challenges. Journal of Non-Newtonian Fluid Mechanics, 2021, 293, 104573.	1.0	18
65	On the mechanism of drag reduction. Journal of Non-Newtonian Fluid Mechanics, 1995, 59, 93-101.	1.0	17
66	Eigenvalue Asymptotics in Non-isothermal Elongational Flow. Journal of Mathematical Analysis and Applications, 2000, 252, 431-443.	0.5	17
67	Asymptotic structure of the stress field in flow past a cylinder at high Weissenberg number. Journal of Non-Newtonian Fluid Mechanics, 2000, 90, 13-23.	1.0	17
68	Laxâ€“Wendroff Methods for Hyperbolic History Value Problems. SIAM Journal on Numerical Analysis, 1984, 21, 24-51.	1.1	16
69	A Degenerate Parabolic-Hyperbolic System Modeling the Spreading of Surfactants. SIAM Journal on Mathematical Analysis, 1997, 28, 1048-1063.	0.9	16
70	A model equation in combustion theory exhibiting an infinite number of secondary bifurcations. Physica D: Nonlinear Phenomena, 1987, 28, 155-167.	1.3	15
71	Well-posedness of two-layer shallow-water flow between two horizontal rigid plates. Nonlinearity, 2011, 24, 1081-1088.	0.6	15
72	A centre manifold theorem for hyperbolic PDEs. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 1992, 122, 363-377.	0.8	14

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73	Instability due to second normal stress jump in two-layer shear flow of the Giesekus fluid. Journal of Non-Newtonian Fluid Mechanics, 1999, 81, 215-234.	1.0	14
74	Similarity solutions for jet breakup in a Giesekus fluid with inertia. Journal of Non-Newtonian Fluid Mechanics, 2002, 106, 17-27.	1.0	14
75	Global Existence of Solutions for Shear Flow of Certain Viscoelastic Fluids. Journal of Mathematical Fluid Mechanics, 2009, 11, 91-99.	0.4	14
76	On the stability of plane parallel viscoelastic shear flows in the limit of infinite Weissenberg and Reynolds numbers. Journal of Non-Newtonian Fluid Mechanics, 2010, 165, 1670-1676.	1.0	14
77	Polar decomposition of positive operators and a problem of crandall and lions. Applicable Analysis, 1995, 57, 383-385.	0.6	13
78	Stress modes in linear stability of viscoelastic flows. Journal of Non-Newtonian Fluid Mechanics, 2009, 159, 137-140.	1.0	13
79	Glass Transition Seen through Asymptotic Expansions. SIAM Journal on Applied Mathematics, 2011, 71, 1144-1167.	0.8	13
80	Local existence theorems for the first and second initial-boundary value problems for a weakly non-newtonian fluid. Archive for Rational Mechanics and Analysis, 1983, 83, 229-244.	1.1	12
81	An existence theorem for the Dirichlet problem in the elastodynamics of incompressible materials. Archive for Rational Mechanics and Analysis, 1988, 102, 95-117.	1.1	12
82	Nonlinear stability of flows of Jeffreys fluids at low Weissenberg numbers. Archive for Rational Mechanics and Analysis, 1995, 132, 37-48.	1.1	11
83	Qualitative correlation between viscometric and linear viscoelastic functions. Journal of Non-Newtonian Fluid Mechanics, 1997, 68, 133-135.	1.0	11
84	On the high Weissenberg number limit of the upper convected Maxwell fluid. Journal of Non-Newtonian Fluid Mechanics, 2010, 165, 70-74.	1.0	11
85	Shear flow of viscoelastic fluids as a control problem. Journal of Non-Newtonian Fluid Mechanics, 2005, 131, 59-63.	1.0	10
86	On the nature of boundary conditions for flows with moving free surfaces. Journal of Computational Physics, 1991, 93, 325-335.	1.9	9
87	Initial-Value Problems with Inflow Boundaries for Maxwell Fluids. SIAM Journal on Mathematical Analysis, 1996, 27, 914-931.	0.9	9
88	Wall Boundary Layers for Maxwell Liquids. Archive for Rational Mechanics and Analysis, 2000, 152, 93-102.	1.1	9
89	Stability of shear flows of viscoelastic fluids under perturbations perpendicular to the plane of flow. Journal of Non-Newtonian Fluid Mechanics, 1989, 32, 145-155.	1.0	8
90	A comment on self-similar breakup for inertialess Newtonian liquid jets. IMA Journal of Applied Mathematics, 2005, 70, 353-358.	0.8	8

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91	Stability of viscoelastic shear flows in the limit of high Weissenberg and Reynolds numbers. Journal of Non-Newtonian Fluid Mechanics, 2008, 155, 124-129.	1.0	8
92	Thixotropy in yield stress fluids as a limit of viscoelasticity. IMA Journal of Applied Mathematics, 2016, 81, 522-537.	0.8	8
93	On bounded solutions of a classical yang-mills equation. Communications in Mathematical Physics, 1980, 76, 277-287.	1.0	7
94	Bifurcation of solutions of the laser equations. Physica D: Nonlinear Phenomena, 1983, 8, 57-89.	1.3	7
95	An Existence Theorem For A Free Surface Flow Problem With Open Boundaries. Communications in Partial Differential Equations, 1992, 17, 340-423.	1.0	7
96	On the use of Laplace transform inversion for reconstruction of relaxation spectra. Journal of Non-Newtonian Fluid Mechanics, 2008, 154, 47-51.	1.0	7
97	A note on a class of observability problems for PDEs. Systems and Control Letters, 2009, 58, 183-187.	1.3	7
98	Controllability of viscoelastic stresses for nonlinear Maxwell models. Journal of Non-Newtonian Fluid Mechanics, 2009, 156, 70-74.	1.0	7
99	Control of homogeneous shear flow of multimode Maxwell fluids. Journal of Non-Newtonian Fluid Mechanics, 2010, 165, 136-142.	1.0	7
100	Approximate Controllability Results for Linear Viscoelastic Flows. Journal of Mathematical Fluid Mechanics, 2017, 19, 529-549.	0.4	7
101	The Numerical Solution of a Class of Quasilinear Parabolic Volterra Equations Arising in Polymer Rheology. SIAM Journal on Numerical Analysis, 1983, 20, 890-908.	1.1	6
102	A model equation for axisymmetric stability of small-gap parallel-plate flows. Journal of Non-Newtonian Fluid Mechanics, 1998, 77, 103-114.	1.0	6
103	Spectrally determined growth for creeping flow of the upper convected Maxwell fluid. Semigroup Forum, 2002, 66, 171-178.	0.3	6
104	Viscoelastic stagnation point flow in a wake. Journal of Non-Newtonian Fluid Mechanics, 2006, 138, 206-208.	1.0	6
105	Linear stability of homogeneous elongational flow of the upper convected Maxwell fluid. Journal of Non-Newtonian Fluid Mechanics, 2009, 160, 168-175.	1.0	6
106	Well-Posedness of the Hydrostatic MHD Equations. Journal of Mathematical Fluid Mechanics, 2012, 14, 355-361.	0.4	6
107	Well-Posedness of Boundary Layer Equations for Time-Dependent Flow of Non-Newtonian Fluids. Journal of Mathematical Fluid Mechanics, 2014, 16, 179-191.	0.4	6
108	Development of congestion in compressible flow with singular pressure. Asymptotic Analysis, 2017, 103, 95-101.	0.2	6

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109	Spectrally determined growth is generic. Proceedings of the American Mathematical Society, 1996, 124, 2451-2453.	0.4	6
110	Stress integration for the constitutive law of the upper convected Maxwell fluid near the corners in a driven cavity. Journal of Non-Newtonian Fluid Mechanics, 2003, 112, 77-84.	1.0	5
111	Short Wave Stability for Inviscid Shear Flow. SIAM Journal on Applied Mathematics, 2008, 69, 763-768.	0.8	5
112	On Hydrostatic Free Surface Problems. Journal of Mathematical Fluid Mechanics, 2011, 13, 89-93.	0.4	5
113	Kelvinâ€“Helmholtz instability with a free surface. Zeitschrift Fur Angewandte Mathematik Und Physik, 2013, 64, 905-915.	0.7	5
114	Large amplitude oscillatory shear flows for a model of a thixotropic yield stress fluid. Journal of Non-Newtonian Fluid Mechanics, 2015, 222, 1-17.	1.0	5
115	Interior local null controllability of oneâ€dimensional compressible flow near a constant steady state. Mathematical Methods in the Applied Sciences, 2017, 40, 3445-3478.	1.2	5
116	Lack of null controllability of viscoelastic flows. ESAIM - Control, Optimisation and Calculus of Variations, 2019, 25, 60.	0.7	5
117	Dense imbedding of test functions in certain function spaces. Transactions of the American Mathematical Society, 1986, 298, 241-241.	0.5	5
118	On Rankineâ€”Hugoniot conditions for Maxwell liquids. Journal of Non-Newtonian Fluid Mechanics, 1989, 32, 69-77.	1.0	4
119	A possible explanation of ?bamboo waves? in core-annular flow of two liquids. Theoretical and Computational Fluid Dynamics, 1992, 4, 95-99.	0.9	4
120	Report on the VIIth international workshop on numerical methods in non-Newtonian flow. Journal of Non-Newtonian Fluid Mechanics, 1992, 43, 386.	1.0	4
121	Stability of equatorial currents with nonzero potential vorticity. Geophysical and Astrophysical Fluid Dynamics, 1997, 85, 31-64.	0.4	4
122	Stability of Creeping Flows of Maxwell Fluids. Archive for Rational Mechanics and Analysis, 2010, 198, 723-733.	1.1	4
123	Initial value problems for creeping flow of Maxwell fluids. Nonlinear Analysis: Theory, Methods & Applications, 2011, 74, 3614-3632.	0.6	4
124	Well-posedness of the upper convected Maxwell fluid in the limit of infinite Weissenberg number. Mathematical Methods in the Applied Sciences, 2011, 34, 125-139.	1.2	4
125	On the Generalization of the HÃ©braudâ€“Lequeux Model to Multidimensional Flows. Archive for Rational Mechanics and Analysis, 2013, 208, 569-601.	1.1	4
126	Korteweg stresses and admissibility criteria for shear banded flows. Journal of Non-Newtonian Fluid Mechanics, 2014, 213, 68-72.	1.0	4

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127	Nonlinear Problems of Elasticity (Stuart S. Antman). SIAM Review, 1995, 37, 637-637.	4.2	3
128	Equilibrium Configurations of an Inflated Cylindrical Membrane. Journal of Elasticity, 1997, 46, 255-261.	0.9	3
129	A note on bifurcation problems in large containers. Fluid Dynamics Research, 1999, 24, 189-199.	0.6	3
130	The initial value problem for creeping flow of the upper convected Maxwell fluid at high Weissenberg number. Mathematical Methods in the Applied Sciences, 2015, 38, 959-965.	1.2	3
131	Prandtl boundary layers for the Phan-Thien Tanner and Giesekus fluid. Zeitschrift Fur Angewandte Mathematik Und Physik, 2015, 66, 1061-1070.	0.7	3
132	Stability of shear banded flow for a viscoelastic constitutive model with thixotropic yield stress behavior. Journal of Non-Newtonian Fluid Mechanics, 2017, 244, 57-74.	1.0	3
133	Instability proof for some transonic problems with resonant mode crossings. Theoretical and Computational Fluid Dynamics, 1995, 7, 457-461.	0.9	2
134	Some Global Stability Results for Shear Flows of Viscoelastic Fluids. Journal of Mathematical Fluid Mechanics, 2009, 11, 100-109.	0.4	2
135	Nonlinear stability for advective systems. Journal of Evolution Equations, 2010, 10, 955-963.	0.6	2
136	Stability of steady flows for multi-mode Maxwell fluids. Journal of Evolution Equations, 2011, 11, 847-860.	0.6	2
137	Non-failure of filaments and global existence for the equations of fiber spinning. IMA Journal of Applied Mathematics, 2011, 76, 834-846.	0.8	2
138	Well-Posedness of the Prandtl Boundary Layer Equations for the Upper Convected Maxwell Fluid. Journal of Dynamics and Differential Equations, 2015, 27, 981-988.	1.0	2
139	Development of shear bands for a model of a thixotropic yield stress fluid. Journal of Non-Newtonian Fluid Mechanics, 2016, 233, 5-12.	1.0	2
140	A singular perturbation study of the Rolie-Poly model. Journal of Non-Newtonian Fluid Mechanics, 2018, 262, 52-67.	1.0	2
141	Approximate controllability results for viscoelastic flows with infinitely many relaxation modes. Journal of Differential Equations, 2018, 264, 575-603.	1.1	2
142	Zero of Least Modulus (M. L. Glasser). SIAM Review, 1989, 31, 126-127.	4.2	1
143	A Two-Point Boundary Problem for Airy Functions (Richard B. Evans). SIAM Review, 1991, 33, 477-479.	4.2	1
144	Asymptotic Solution of the Telegraph Equation (Mark A. Pinsky). SIAM Review, 1993, 35, 306-307.	4.2	1

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145	A Boundary value problem for laplace's equation. Complex Variables and Elliptic Equations, 2000, 41, 145-150.	0.2	1
146	Shape Control by Collinear Actuators. Archive for Rational Mechanics and Analysis, 2001, 156, 231-240.	1.1	1
147	Post-breakup asymptotics for a Giesekus jet. Journal of Non-Newtonian Fluid Mechanics, 2005, 126, 1-5.	1.0	1
148	â€œFinite time breakup of viscous filaments,â€•ZAMP 52 (2001), 881-887. Zeitschrift Fur Angewandte Mathematik Und Physik, 2007, 58, 904-905.	0.7	1
149	On non-existence of steady periodic solutions of the Prandtl equations. Journal of Fluid Mechanics, 2013, 717, .	1.4	1
150	Limit of a Power of a Matrix (Gengzhe Chang). SIAM Review, 1984, 26, 121-122.	4.2	0
151	Corrigenda: Laxâ€“Wendroff Methods for Hyperbolic History Value Problems. SIAM Journal on Numerical Analysis, 1985, 22, 204-204.	1.1	0
152	On the nature of boundary conditions for flows with moving free surfaces. Journal of Computational Physics, 1990, 89, 255.	1.9	0
153	On the Number of Roots of a Transcendental Equation. SIAM Review, 1990, 32, 682-683.	4.2	0
154	Two Determinant Inequalities (Ralph Kelsey). SIAM Review, 1990, 32, 681-682.	4.2	0
155	Linear System with Positive Solutions (Peter Thejll). SIAM Review, 1992, 34, 500-502.	4.2	0
156	Shock conditions for hypoelastic materials. Theoretical and Computational Fluid Dynamics, 1993, 5, 49-55.	0.9	0
157	On Winning in the Game of Lotto (Andy Liu). SIAM Review, 1993, 35, 137-139.	4.2	0
158	A Convex Set (Marvin Marcus). SIAM Review, 1994, 36, 111-111.	4.2	0
159	An Operator Limit (W. Boehm). SIAM Review, 1994, 36, 659-659.	4.2	0
160	An Integral Relation for Successive Eigenvalues (Richard B. Evans). SIAM Review, 1994, 36, 497-497.	4.2	0
161	A Unique Real Root (G. M. Gladwell). SIAM Review, 1994, 36, 661-662.	4.2	0
162	Instability of uniform flow. International Journal for Numerical Methods in Fluids, 1994, 19, 687-692.	0.9	0

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163	Mathematical Topics in Fluid Mechanics (J. F. Rodrigues and A. Sequeira). SIAM Review, 1994, 36, 139-140.	4.2	0
164	A Characterization of Uniformly Accelerated Motion (Murray S. Klamkin). SIAM Review, 1996, 38, 525-526.	4.2	0
165	Parallel shear flows of fluids with a temperature dependent viscosity. Zeitschrift Fur Angewandte Mathematik Und Physik, 2005, 56, 681-693.	0.7	0
166	Handbook of Mathematical Fluid Dynamics, Vol. 3. By S. FRIEDLANDER & D. SERRE. North-Holland, 2004. 674 pp. ISBN 0 444 51556 9. $175. Journal of Fluid Mechanics, 2005, 527, 378-379.	1.4	0
167	The Rayleigh problem for a yield stress fluid with spurt. Journal of Non-Newtonian Fluid Mechanics, 2017, 248, 23-26.	1.0	0
168	Pure stress modes for linear viscoelastic flows with variable coefficients. Zeitschrift Fur Angewandte Mathematik Und Physik, 2019, 70, 1.	0.7	0
169	Linear Stability of Steady Flows of Jeffreys Type Fluids. Springer Proceedings in Mathematics and Statistics, 2013, , 609-616.	0.1	0