

## List of Publications by Year in descending order

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365  
papers

9,152  
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times ranked

2602  
citing authors

#	ARTICLE	IF	CITATIONS
1	Resonant flow of a stratified fluid over topography. <i>Journal of Fluid Mechanics</i> , 1986, 169, 429.	1.4	291
2	The solitary wave in water of variable depth. Part 2. <i>Journal of Fluid Mechanics</i> , 1971, 46, 611-622.	1.4	222
3	Nonlinear instability at the interface between two viscous fluids. <i>Physics of Fluids</i> , 1985, 28, 37-45.	1.4	222
4	Weak and Strong Interactions between Internal Solitary Waves. <i>Studies in Applied Mathematics</i> , 1984, 70, 235-258.	1.1	183
5	Simulation of the Transformation of Internal Solitary Waves on Oceanic Shelves. <i>Journal of Physical Oceanography</i> , 2004, 34, 2774-2791.	0.7	156
6	The Modulation of an Internal Gravity Wave Packet, and the Resonance with the Mean Motion. <i>Studies in Applied Mathematics</i> , 1977, 56, 241-266.	1.1	154
7	Long Nonlinear Surface and Internal Gravity Waves in a Rotating Ocean. <i>Surveys in Geophysics</i> , 1998, 19, 289-338.	2.1	145
8	The solitary wave in water of variable depth. <i>Journal of Fluid Mechanics</i> , 1970, 42, 639-656.	1.4	138
9	Internal solitary waves: propagation, deformation and disintegration. <i>Nonlinear Processes in Geophysics</i> , 2010, 17, 633-649.	0.6	134
10	Evolution Equations for Weakly Nonlinear, Long Internal Waves in a Rotating Fluid. <i>Studies in Applied Mathematics</i> , 1985, 73, 1-33.	1.1	122
11	Unsteady undular bores in fully nonlinear shallow-water theory. <i>Physics of Fluids</i> , 2006, 18, 027104.	1.6	119
12	Dynamics of Rogue Waves on a Multisoliton Background in a Vector Nonlinear Schrödinger Equation. <i>SIAM Journal on Applied Mathematics</i> , 2015, 75, 1-20.	0.8	118
13	Higher-order Korteweg-de Vries models for internal solitary waves in a stratified shear flow with a free surface. <i>Nonlinear Processes in Geophysics</i> , 2002, 9, 221-235.	0.6	109
14	Solitary internal waves with oscillatory tails. <i>Journal of Fluid Mechanics</i> , 1992, 242, 279-298.	1.4	103
15	Rogue waves – towards a unifying concept?: Discussions and debates. <i>European Physical Journal: Special Topics</i> , 2010, 185, 5-15.	1.2	100
16	Interactions of breathers and solitons in the extended Korteweg-de Vries equation. <i>Wave Motion</i> , 2005, 43, 158-166.	1.0	98
17	The modified Korteweg - de Vries equation in the theory of large - amplitude internal waves. <i>Nonlinear Processes in Geophysics</i> , 1997, 4, 237-250.	0.6	97
18	A second-order theory for solitary waves in shallow fluids. <i>Physics of Fluids</i> , 1983, 26, 14.	1.4	96

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19	Wave group dynamics in weakly nonlinear long-wave models. <i>Physica D: Nonlinear Phenomena</i> , 2001, 159, 35-57.	1.3	96
20	Weakly Nonlocal Solitary Waves in a Singularly Perturbed Korteweg-De Vries Equation. <i>SIAM Journal on Applied Mathematics</i> , 1995, 55, 124-135.	0.8	93
21	Evolution Equations for Long, Nonlinear Internal Waves in Stratified Shear Flows. <i>Studies in Applied Mathematics</i> , 1981, 65, 159-188.	1.1	91
22	Modelling Internal Solitary Waves in the Coastal Ocean. <i>Surveys in Geophysics</i> , 2007, 28, 273-298.	2.1	90
23	Nonlinear Disintegration of the Internal Tide. <i>Journal of Physical Oceanography</i> , 2008, 38, 686-701.	0.7	88
24	Solitary wave transformation in a medium with sign-variable quadratic nonlinearity and cubic nonlinearity. <i>Physica D: Nonlinear Phenomena</i> , 1999, 132, 40-62.	1.3	86
25	Undular bore theory for the Gardner equation. <i>Physical Review E</i> , 2012, 86, 036605.	0.8	83
26	Generation of large-amplitude solitons in the extended Korteweg-de Vries equation. <i>Chaos</i> , 2002, 12, 1070-1076.	1.0	82
27	Rogue wave modes for a derivative nonlinear Schrödinger model. <i>Physical Review E</i> , 2014, 89, 032914.	0.8	81
28	Wave Action and Wave-Mean Flow Interaction, with Application to Stratified Shear Flows. <i>Annual Review of Fluid Mechanics</i> , 1984, 16, 11-44.	10.8	75
29	Terminal Damping of a Solitary Wave Due to Radiation in Rotational Systems. <i>Studies in Applied Mathematics</i> , 1998, 101, 197-210.	1.1	74
30	Hamiltonian-versus-energy diagrams in soliton theory. <i>Physical Review E</i> , 1999, 59, 6088-6096.	0.8	71
31	Interaction of two lump solitons described by the Kadomtsev-Petviashvili I equation. <i>Wave Motion</i> , 2004, 40, 123-135.	1.0	68
32	Approximate Analytical and Numerical Solutions of the Stationary Ostrovsky Equation. <i>Studies in Applied Mathematics</i> , 1995, 95, 115-126.	1.1	66
33	Combined Effect of Rotation and Topography on Shoaling Oceanic Internal Solitary Waves. <i>Journal of Physical Oceanography</i> , 2014, 44, 1116-1132.	0.7	65
34	Solitary waves with damped oscillatory tails: an analysis of the fifth-order Korteweg-de Vries equation. <i>Physica D: Nonlinear Phenomena</i> , 1994, 77, 473-485.	1.3	64
35	The generation of radiating waves in a singularly-perturbed Korteweg-de Vries equation. <i>Physica D: Nonlinear Phenomena</i> , 1993, 69, 270-278.	1.3	63
36	Internal Tide Generation at the Continental Shelf Modeled Using a Modal Decomposition: Two-Dimensional Results. <i>Journal of Physical Oceanography</i> , 2007, 37, 428-451.	0.7	63

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37	Long-time Solutions of the Ostrovsky Equation. <i>Studies in Applied Mathematics</i> , 2008, 121, 71-88.	1.1	62
38	Long nonlinear internal waves in channels of arbitrary cross-section. <i>Journal of Fluid Mechanics</i> , 1978, 86, 415-431.	1.4	61
39	Slowly Varying Solitary Wave Solutions of the Perturbed Korteweg-de Vries Equation Revisited. <i>Studies in Applied Mathematics</i> , 1993, 90, 75-86.	1.1	60
40	Structural transformation of eigenvalues for a perturbed algebraic soliton potential. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1997, 229, 165-172.	0.9	60
41	Two-soliton interaction as an elementary act of soliton turbulence in integrable systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2013, 377, 272-275.	0.9	60
42	Solitary waves with a vortex core in a shallow layer of stratified fluid. <i>Physics of Fluids</i> , 1997, 9, 3378-3385.	1.6	56
43	Integrable Shallow-Water Equations and Undular Bores. <i>Studies in Applied Mathematics</i> , 2001, 106, 157-186.	1.1	54
44	Evolution of solitary waves and undular bores in shallow-water flows over a gradual slope with bottom friction. <i>Journal of Fluid Mechanics</i> , 2007, 585, 213-244.	1.4	53
45	Rogue internal waves in the ocean: Long wave model. <i>European Physical Journal: Special Topics</i> , 2010, 185, 195-208.	1.2	53
46	Finite-amplitude solitary waves at the interface between two homogeneous fluids. <i>Physics of Fluids</i> , 1988, 31, 3550.	1.4	52
47	Reflecting tidal wave beams and local generation of solitary waves in the ocean thermocline. <i>Journal of Fluid Mechanics</i> , 2007, 593, 297-313.	1.4	52
48	Interaction of a solitary wave with an external force. <i>Physica D: Nonlinear Phenomena</i> , 1994, 77, 405-433.	1.3	51
49	Rogue Wave Modes for the Long Wave-Short Wave Resonance Model. <i>Journal of the Physical Society of Japan</i> , 2013, 82, 074001.	0.7	51
50	Interaction of a large amplitude interfacial solitary wave of depression with a bottom step. <i>Physics of Fluids</i> , 2010, 22, .	1.6	50
51	On the generation of solitons and breathers in the modified Korteweg-de Vries equation. <i>Chaos</i> , 2000, 10, 383-392.	1.0	48
52	Resonant generation of finite-amplitude waves by the flow of a uniformly stratified fluid over topography. <i>Journal of Fluid Mechanics</i> , 1991, 229, 603.	1.4	47
53	Damping of large-amplitude solitary waves. <i>Wave Motion</i> , 2003, 37, 351-364.	1.0	47
54	The effect of rotation on internal solitary waves. <i>IMA Journal of Applied Mathematics</i> , 2012, 77, 326-339.	0.8	47

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55	Travelling wave solutions of the Kuramoto-Sivashinsky equation. <i>Wave Motion</i> , 1988, 10, 405-420.	1.0	44
56	Generation of solitons and breathers in the extended Korteweg-de Vries equation with positive cubic nonlinearity. <i>Chaos</i> , 2010, 20, 013102.	1.0	44
57	Generation of undular bores in the shelves of slowly-varying solitary waves. <i>Chaos</i> , 2002, 12, 1015-1026.	1.0	43
58	A Numerical Study of Storm Surges and Tides, with Application to the North Queensland Coast. <i>Journal of Physical Oceanography</i> , 1996, 26, 2700-2711.	0.7	42
59	Internal gravity waves: critical layer absorption in a rotating fluid. <i>Journal of Fluid Mechanics</i> , 1975, 70, 287-304.	1.4	41
60	Short-Lived Large-Amplitude Pulses in the Nonlinear Long-Wave Model Described by the Modified Korteweg-De Vries Equation. <i>Studies in Applied Mathematics</i> , 2005, 114, 189-210.	1.1	41
61	Internal solitary wave transformation over a bottom step: Loss of energy. <i>Physics of Fluids</i> , 2013, 25, .	1.6	41
62	Experimental study of the effect of rotation on nonlinear internal waves. <i>Physics of Fluids</i> , 2013, 25, .	1.6	41
63	The Hydrodynamic Nonlinear Schrödinger Equation: Space and Time. <i>Fluids</i> , 2016, 1, 23.	0.8	41
64	Nonlinear Internal Gravity Waves and Their Interaction with the Mean Wind. <i>Journals of the Atmospheric Sciences</i> , 1975, 32, 1779-1793.	0.6	40
65	Extreme interfacial waves. <i>Physics of Fluids</i> , 1986, 29, 2802-2807.	1.4	40
66	New type of gap soliton in a coupled Korteweg-de Vries wave system. <i>Physical Review Letters</i> , 1994, 72, 949-953.	2.9	40
67	A coupled $\epsilon$ -system: Rogue waves and modulation instabilities. <i>Chaos</i> , 2015, 25, 103113.	1.0	40
68	Low-Frequency Baroclinic Waves off Coastal Boundaries. <i>Journal of Physical Oceanography</i> , 1988, 18, 1124-1143.	0.7	39
69	Internal Solitary Waves. , 2003, , 1-27.		39
70	The Reduced Ostrovsky Equation: Integrability and Breaking. <i>Studies in Applied Mathematics</i> , 2012, 129, 414-436.	1.1	39
71	An asymptotic approach to solitary wave instability and critical collapse in long-wave KdV-type evolution equations. <i>Physica D: Nonlinear Phenomena</i> , 1996, 98, 139-155.	1.3	38
72	The effect of variable currents on internal solitary waves. <i>Dynamics of Atmospheres and Oceans</i> , 1989, 14, 17-39.	0.7	37

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73	On the Derivation of the Modified Kadomtsev-Petviashvili Equation. <i>Studies in Applied Mathematics</i> , 1989, 80, 183-202.	1.1	37
74	Solitary Wave Transformation Due to a Change in Polarity. <i>Studies in Applied Mathematics</i> , 1998, 101, 357-388.	1.1	36
75	Interfacial progressive gravity waves in a two-layer shear flow. <i>Physics of Fluids</i> , 1983, 26, 1731.	1.4	35
76	Rogue waves: analytical predictions. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2013, 469, 20130094.	1.0	35
77	Nonlinear internal gravity waves in a rotating fluid. <i>Journal of Fluid Mechanics</i> , 1975, 71, 497-512.	1.4	33
78	The modulation of nonlinear periodic wavetrains by dissipative terms in the Korteweg-de Vries equation. <i>Wave Motion</i> , 1995, 22, 215-238.	1.0	33
79	Asymptotic description of solitary wave trains in fully nonlinear shallow-water theory. <i>Physica D: Nonlinear Phenomena</i> , 2008, 237, 2423-2435.	1.3	33
80	A note on the $\hat{I}^2$ -plane approximation. <i>Tellus</i> , 1975, 27, 351-357.	0.4	32
81	Dynamics of internal solitary waves in a rotating fluid. <i>Dynamics of Atmospheres and Oceans</i> , 1996, 23, 403-411.	0.7	32
82	Water Wave Packets Over Variable Depth. <i>Studies in Applied Mathematics</i> , 2011, 126, 409-427.	1.1	32
83	Internal breather-like wave generation by the second mode solitary wave interaction with a step. <i>Physics of Fluids</i> , 2016, 28, .	1.6	32
84	The effect of topography on the stability of a barotropic coastal current. <i>Dynamics of Atmospheres and Oceans</i> , 1980, 5, 83-106.	0.7	31
85	The energetics of the interaction between short small-amplitude internal waves and inertial waves. <i>Journal of Fluid Mechanics</i> , 1988, 196, 93-106.	1.4	31
86	Decay of a fundamental soliton in a periodically modulated nonlinear waveguide. <i>Physica Scripta</i> , 1996, 53, 385-393.	1.2	30
87	Transcritical shallow-water flow past topography: finite-amplitude theory. <i>Journal of Fluid Mechanics</i> , 2009, 640, 187-214.	1.4	30
88	Analytical and Numerical Study of a Barotropic Eddy on a Topographic Slope. <i>Journal of Physical Oceanography</i> , 1994, 24, 1587-1607.	0.7	29
89	Analytic model for a weakly dissipative shallow-water undular bore. <i>Chaos</i> , 2005, 15, 037102.	1.0	29
90	Transformation of a shoaling undular bore. <i>Journal of Fluid Mechanics</i> , 2012, 709, 371-395.	1.4	29

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91	Nonlinear internal gravity waves in a slowly varying medium. <i>Journal of Fluid Mechanics</i> , 1972, 54, 193-207.	1.4	28
92	Modulation of an internal gravity wave packet in a stratified shear flow. <i>Wave Motion</i> , 1981, 3, 81-103.	1.0	28
93	The non-existence of a certain class of travelling wave solutions of the Kuramoto-Sivashinsky equation. <i>Physica D: Nonlinear Phenomena</i> , 1991, 50, 231-238.	1.3	28
94	The control and biological importance of intratumoural aromatase in breast cancer. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1996, 56, 145-150.	1.2	28
95	Numerical simulations of uniformly stratified fluid flow over topography. <i>Journal of Fluid Mechanics</i> , 1996, 306, 1-30.	1.4	28
96	On the long-term evolution of an intense localized divergent vortex on the beta-plane. <i>Journal of Fluid Mechanics</i> , 2000, 422, 249-280.	1.4	28
97	Wave Breaking and the Generation of Undular Bores in an Integrable Shallow Water System. <i>Studies in Applied Mathematics</i> , 2005, 114, 395-411.	1.1	28
98	Fission of a weakly nonlinear interfacial solitary wave at a step. <i>Geophysical and Astrophysical Fluid Dynamics</i> , 2008, 102, 179-194.	0.4	28
99	Coupled Ostrovsky equations for internal waves in a shear flow. <i>Physics of Fluids</i> , 2014, 26, .	1.6	28
100	High-frequency scattering by finite convex regions. <i>Communications on Pure and Applied Mathematics</i> , 1966, 19, 167-198.	1.2	27
101	Internal gravity waves in a slowly varying, dissipative medium. <i>Geophysical Fluid Dynamics</i> , 1974, 6, 131-148.	0.4	27
102	Oblique Interactions between Internal Solitary Waves. <i>Studies in Applied Mathematics</i> , 1994, 92, 249-270.	1.1	27
103	A Modal Analysis of Coastally Trapped Waves Generated by Tropical Cyclones. <i>Journal of Physical Oceanography</i> , 1995, 25, 1577-1598.	0.7	27
104	The transformation of an interfacial solitary wave of elevation at a bottom step. <i>Nonlinear Processes in Geophysics</i> , 2009, 16, 33-42.	0.6	27
105	The evolution of second mode internal solitary waves over variable topography. <i>Journal of Fluid Mechanics</i> , 2018, 836, 238-259.	1.4	27
106	Propagation of Surface Waves at High Frequencies. <i>IMA Journal of Applied Mathematics</i> , 1968, 4, 174-193.	0.8	26
107	The Rotation-Modified Kadomtsev-Petviashvili Equation: An Analytical and Numerical Study. <i>Studies in Applied Mathematics</i> , 1990, 83, 223-248.	1.1	26
108	INTERNAL SOLITARY WAVES. <i>Series on Quality, Reliability and Engineering Statistics</i> , 1997, , 1-30.	0.2	26

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109	Modulational instability of two pairs of counter-propagating waves and energy exchange in a two-component system. <i>Physica D: Nonlinear Phenomena</i> , 2006, 214, 1-24.	1.3	26
110	Generation of solitary waves by transcritical flow over a step. <i>Journal of Fluid Mechanics</i> , 2007, 587, 235-254.	1.4	26
111	A note on the $\hat{t}^2$ -plane approximation. <i>Tellus</i> , 1975, 27, 351-357.	0.4	26
112	On steady recirculating flows. <i>Journal of Fluid Mechanics</i> , 1969, 39, 695-703.	1.4	25
113	Numerical Studies of the Periodically Forced Bonhoeffer van der Pol System. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 1997, 07, 2653-2689.	0.7	25
114	Parametric envelope solitons in coupled Korteweg-de Vries equations. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1997, 227, 47-54.	0.9	25
115	Transcritical flow of a stratified fluid: The forced extended Korteweg-de Vries model. <i>Physics of Fluids</i> , 2002, 14, 755-774.	1.6	25
116	A Cancer Research (UK) randomized phase II study of idoxifene in patients with locally advanced/metastatic breast cancer resistant to tamoxifen. <i>Cancer Chemotherapy and Pharmacology</i> , 2004, 53, 341-348.	1.1	25
117	Homogenization of the variable-speed wave equation. <i>Wave Motion</i> , 2010, 47, 496-507.	1.0	25
118	Nonlinear aspects of long shelf waves. <i>Geophysical and Astrophysical Fluid Dynamics</i> , 1977, 8, 3-16.	0.4	24
119	Solitary waves of a coupled Korteweg-de Vries system. <i>Mathematics and Computers in Simulation</i> , 2003, 62, 31-40.	2.4	24
120	Edge waves: a long-wave theory for oceans of finite depth. <i>Journal of Fluid Mechanics</i> , 1974, 62, 775-791.	1.4	23
121	A second-order theory for solitary waves in deep fluids. <i>Physics of Fluids</i> , 1981, 24, 1611.	1.4	23
122	Stability of finite-amplitude interfacial waves. Part 1. Modulational instability for small-amplitude waves. <i>Journal of Fluid Mechanics</i> , 1985, 160, 297-315.	1.4	23
123	Resonant Flow of a Rotating Fluid Past an Obstacle: The General Case. <i>Studies in Applied Mathematics</i> , 1990, 83, 249-269.	1.1	23
124	The effect of vortex stretching on the evolution of barotropic eddies over a topographic slope. <i>Geophysical and Astrophysical Fluid Dynamics</i> , 1994, 76, 43-71.	0.4	23
125	Steady transcritical flow over a hole: Parametric map of solutions of the forced Korteweg-de Vries equation. <i>Physics of Fluids</i> , 2010, 22, .	1.6	23
126	Nonreflecting Internal Wave Beam Propagation in the Deep Ocean. <i>Journal of Physical Oceanography</i> , 2010, 40, 802-813.	0.7	23



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127	Rogue waves for a long wave–short wave resonance model with multiple short waves. <i>Nonlinear Dynamics</i> , 2016, 85, 2827-2841.	2.7	23
128	Formation of wave packets in the Ostrovsky equation for both normal and anomalous dispersion. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2016, 472, 20150416.	1.0	23
129	Global existence of small-norm solutions in the reduced Ostrovsky equation. <i>Discrete and Continuous Dynamical Systems</i> , 2013, 34, 557-566.	0.5	23
130	Nonlinear interfacial progressive waves near a boundary in a Boussinesq fluid. <i>Physics of Fluids</i> , 1983, 26, 897.	1.4	22
131	Resonant Forcing of Barotropic Coastally Trapped Waves. <i>Journal of Physical Oceanography</i> , 1987, 17, 53-65.	0.7	22
132	Upstream–advancing waves generated by three-dimensional moving disturbances. <i>Physics of Fluids A, Fluid Dynamics</i> , 1990, 2, 194-201.	1.6	22
133	Stability of gravity-capillary waves generated by a moving pressure disturbance in water of finite depth. <i>Physics of Fluids</i> , 2009, 21, .	1.6	22
134	Frictionally Modified Continental Shelf Waves and the Subinertial Response to Wind and Deep-Ocean Forcing. <i>Journal of Physical Oceanography</i> , 1989, 19, 1486-1506.	0.7	21
135	Stable two-dimensional parametric solitons in fluid systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1998, 248, 208-218.	0.9	21
136	The Effect of Topography on the Dynamics of Interacting Solitary Waves in the Context of Atmospheric Blocking. <i>Journals of the Atmospheric Sciences</i> , 1999, 56, 3663-3678.	0.6	21
137	The Formation of Coherent Structures in the Context of Blocking. <i>Journals of the Atmospheric Sciences</i> , 1999, 56, 3640-3662.	0.6	21
138	Intricate dynamics of rogue waves governed by the Sasa–Satsuma equation. <i>Physica D: Nonlinear Phenomena</i> , 2020, 402, 132252.	1.3	21
139	Weakly Nonlocal Solitary Waves in a Singularly Perturbed Nonlinear Schrödinger Equation. <i>Studies in Applied Mathematics</i> , 1995, 94, 257-270.	1.1	20
140	Resonant wave interactions in a stratified shear flow. <i>Journal of Fluid Mechanics</i> , 1988, 190, 357-374.	1.4	19
141	Finite-Amplitude Long Waves on Coastal Currents. <i>Journal of Physical Oceanography</i> , 1990, 20, 3-18.	0.7	19
142	A spectral transform for the intermediate nonlinear Schrödinger equation. <i>Journal of Mathematical Physics</i> , 1995, 36, 4203-4219.	0.5	19
143	Radiation Boundary Conditions in Barotropic Coastal Ocean Numerical Models. <i>Journal of Computational Physics</i> , 1996, 123, 96-110.	1.9	19
144	Dispersion management for solitons in a Korteweg–de Vries system. <i>Chaos</i> , 2002, 12, 8-15.	1.0	19

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145	Modelling internal solitary waves on the Australian North West Shelf. Marine and Freshwater Research, 2006, 57, 265.	0.7	19
146	Rossby Solitary Waves in the Presence of a Critical Layer. Studies in Applied Mathematics, 2007, 118, 313-364.	1.1	19
147	TRANSCRITICAL FLOW PAST AN OBSTACLE. ANZIAM Journal, 2010, 52, 2-26.	0.3	19
148	On strongly interacting internal waves in a rotating ocean and coupled Ostrovsky equations. Chaos, 2013, 23, 023121.	1.0	19
149	Stability of finite-amplitude interfacial waves. Part 3. The effect of basic current shear for one-dimensional instabilities. Journal of Fluid Mechanics, 1986, 172, 277.	1.4	18
150	Resonantly generated internal waves in a contraction. Journal of Fluid Mechanics, 1994, 274, 139-161.	1.4	18
151	Nonlinear geostrophic adjustment in the presence of a boundary. Journal of Fluid Mechanics, 2002, 471, 257-283.	1.4	18
152	Stability of finite-amplitude interfacial waves. Part 2. Numerical results. Journal of Fluid Mechanics, 1985, 160, 317-336.	1.4	17
153	Interaction of a Solitary Wave with an External Force Moving with Variable Speed. Studies in Applied Mathematics, 1996, 97, 235-276.	1.1	17
154	The effect of the induced mean flow on solitary waves in deep water. Journal of Fluid Mechanics, 1998, 355, 317-328.	1.4	17
155	The Effects of a Variable Coriolis Parameter, Coastline Curvature and Variable Bottom Topography on Continental Shelf Waves. Journal of Physical Oceanography, 1977, 7, 547-554.	0.7	16
156	Linearly Coupled, Slowly Varying Oscillators. Studies in Applied Mathematics, 1979, 61, 55-71.	1.1	16
157	On basic mechanisms governing two-layer vortices on a $\hat{I}^2$ -plane. Geophysical and Astrophysical Fluid Dynamics, 1997, 86, 1-42.	0.4	16
158	Internal solitary waves in a variable medium. GAMM Mitteilungen, 2007, 30, 96-109.	2.7	16
159	Internal solitary wave generation by tidal flow over topography. Journal of Fluid Mechanics, 2018, 839, 387-407.	1.4	16
160	The Propagation of Internal Solitary Waves over Variable Topography in a Horizontally Two-Dimensional Framework. Journal of Physical Oceanography, 2018, 48, 283-300.	0.7	16
161	Interacting "Morning Glories" over Northern Australia. Bulletin of the American Meteorological Society, 1995, 76, 1165-1171.	1.7	15
162	Steady multipolar planar vortices with nonlinear critical layers. Geophysical and Astrophysical Fluid Dynamics, 2004, 98, 473-506.	0.4	15

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163	Generalized solitary waves and fronts in coupled Kortewegâ€“de Vries systems. <i>Physica D: Nonlinear Phenomena</i> , 2005, 210, 96-117.	1.3	15
164	Free surface flow under gravity and surface tension due to an applied pressure distribution: I Bond number greater than one-third. <i>Theoretical and Computational Fluid Dynamics</i> , 2005, 19, 237-252.	0.9	15
165	Stability of steady gravity waves generated by a moving localised pressure disturbance in water of finite depth. <i>Physics of Fluids</i> , 2013, 25, 076605.	1.6	15
166	Transcritical flow of a stratified fluid over topography: analysis of the forced Gardner equation. <i>Journal of Fluid Mechanics</i> , 2013, 736, 495-531.	1.4	15
167	Transcritical flow over two obstacles: forced Kortewegâ€“de Vries framework. <i>Journal of Fluid Mechanics</i> , 2016, 809, 918-940.	1.4	15
168	Nonlinear Wave Equations for Oceanic Internal Solitary Waves. <i>Studies in Applied Mathematics</i> , 2016, 136, 214-237.	1.1	15
169	Modelling and observations of oceanic nonlinear internal wave packets affected by the Earthâ€™s rotation. <i>Ocean Modelling</i> , 2017, 116, 146-158.	1.0	15
170	Instability and filamentation of finite-amplitude waves on vortex layers of finite thickness. <i>Journal of Fluid Mechanics</i> , 1989, 209, 359-384.	1.4	14
171	Analytical and numerical studies of the Bonhoeffer van der Pol system. <i>Journal of the Australian Mathematical Society Series B Applied Mathematics</i> , 1997, 38, 427-453.	0.3	14
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