

# Greg Ivey

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

144  
papers

4,721  
citations

36  
h-index

63  
g-index

151  
ext. papers

5,275  
ext. citations

3.3  
avg, IF

5.63  
L-index

#	Paper	IF	Citations
144	Calibrated Suspended Sediment Observations Beneath Large Amplitude Non-Linear Internal Waves. <i>Journal of Geophysical Research: Oceans</i> , <b>2021</b> , 126, e2021JC017538	3.3	1
143	Investigating transport in a tidally driven coral atoll flow using Lagrangian coherent structures. <i>Limnology and Oceanography</i> , <b>2021</b> , 66, 4017	4.8	0
142	Directional decomposition of internal tides propagating from multiple generation sites. <i>Ocean Modelling</i> , <b>2021</b> , 162, 101801	3	6
141	Roles of Shear and Convection in Driving Mixing in the Ocean. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2020GL089455	4.9	0
140	The potential role of turbulence in modulating the migration of demersal zooplankton. <i>Limnology and Oceanography</i> , <b>2021</b> , 66, 855-864	4.8	3
139	Confronting Grand Challenges in environmental fluid mechanics. <i>Physical Review Fluids</i> , <b>2021</b> , 6,	2.8	8
138	A Seasonal Harmonic Model for Internal Tide Amplitude Prediction. <i>Journal of Geophysical Research: Oceans</i> , <b>2021</b> , 126, e2021JC017570	3.3	1
137	On predicting particle capture rates in aquatic ecosystems.. <i>PLoS ONE</i> , <b>2021</b> , 16, e0261400	3.7	
136	Uncovering Fine-Scale Wave-Driven Transport Features in a Fringing Coral Reef System via Lagrangian Coherent Structures. <i>Fluids</i> , <b>2020</b> , 5, 190	1.6	1
135	Observations of Enhanced Sediment Transport by Nonlinear Internal Waves. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL088499	4.9	10
134	Mixing Driven by Breaking Nonlinear Internal Waves. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL089491	4.9	7
133	Uncertainty Quantification of Density and Stratification Estimates with Implications for Predicting Ocean Dynamics. <i>Journal of Atmospheric and Oceanic Technology</i> , <b>2019</b> , 36, 1313-1330	2	2
132	Three-dimensionality of shallow island wakes. <i>Environmental Fluid Mechanics</i> , <b>2019</b> , 19, 1393-1416	2.2	3
131	Observations of Diurnal Coastal-Trapped Waves with a Thermocline-Intensified Velocity Field. <i>Journal of Physical Oceanography</i> , <b>2019</b> , 49, 1973-1994	2.4	2
130	Generation and Propagation of Near-Inertial Waves in a Baroclinic Current on the Tasmanian Shelf. <i>Journal of Physical Oceanography</i> , <b>2019</b> , 49, 2653-2667	2.4	2
129	Cylinder wakes in shallow oscillatory flow: the coastal island wake problem. <i>Journal of Fluid Mechanics</i> , <b>2019</b> , 874, 158-184	3.7	5
128	The Effects of Remote Internal Tides on Continental Slope Internal Tide Generation. <i>Journal of Physical Oceanography</i> , <b>2019</b> , 49, 1651-1668	2.4	6

127	Observations of Large-Amplitude Mode-2 Nonlinear Internal Waves on the Australian North West Shelf. <i>Journal of Physical Oceanography</i> , <b>2019</b> , 49, 309-328	2.4	16
126	Nutrient fluxes into an isolated coral reef atoll by tidally driven internal bores. <i>Limnology and Oceanography</i> , <b>2019</b> , 64, 461-473	4.8	13
125	Contrasting Heat Budget Dynamics During Two La Niña Marine Heat Wave Events Along Northwestern Australia. <i>Journal of Geophysical Research: Oceans</i> , <b>2018</b> , 123, 1563-1581	3.3	6
124	Determining Near-Bottom Fluxes of Passive Tracers in Aquatic Environments. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 2716-2725	4.9	2
123	A Model for Mass Transport Across the Sediment-Water Interface. <i>Water Resources Research</i> , <b>2018</b> , 54, 2799-2812	5.4	22
122	Resolving high-frequency internal waves generated at an isolated coral atoll using an unstructured grid ocean model. <i>Ocean Modelling</i> , <b>2018</b> , 122, 67-84	3	14
121	Quantifying Diapycnal Mixing in an Energetic Ocean. <i>Journal of Geophysical Research: Oceans</i> , <b>2018</b> , 123, 346-357	3.3	18
120	Wave-current interactions in the continental shelf bottom boundary layer of the Australian North West Shelf during tropical cyclone conditions. <i>Continental Shelf Research</i> , <b>2018</b> , 165, 78-92	2.4	8
119	The Hydrodynamic Response of the Sediment-Water Interface to Coherent Turbulent Motions. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 10,520	4.9	7
118	The effects of tropical cyclone characteristics on the surface wave fields in Australia's North West region. <i>Continental Shelf Research</i> , <b>2017</b> , 139, 35-53	2.4	21
117	Impact of windage on ocean surface Lagrangian coherent structures. <i>Environmental Fluid Mechanics</i> , <b>2017</b> , 17, 473-483	2.2	30
116	Quantifying Lake Water Quality Evolution: Coupled Geochemistry, Hydrodynamics, and Aquatic Ecology in an Acidic Pit Lake. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 9864-9875	10.3	18
115	Determining Mixing Rates from Concurrent Temperature and Velocity Measurements. <i>Journal of Atmospheric and Oceanic Technology</i> , <b>2017</b> , 34, 2283-2293	2	16
114	The variation of flow and turbulence across the sediment-water interface. <i>Journal of Fluid Mechanics</i> , <b>2017</b> , 824, 413-437	3.7	41
113	Internal Waves <b>2017</b> , 1-12		3
112	Reconstruction of Wall Shear-Stress Fluctuations in a Shallow Tidal River. <i>ERCFTAC Series</i> , <b>2016</b> , 247-257.1		
111	Ocean Transport Pathways to a World Heritage Fringing Coral Reef: Ningaloo Reef, Western Australia. <i>PLoS ONE</i> , <b>2016</b> , 11, e0145822	3.7	6
110	Estimating Turbulent Dissipation from Microstructure Shear Measurements Using Maximum Likelihood Spectral Fitting over the Inertial and Viscous Subranges. <i>Journal of Atmospheric and Oceanic Technology</i> , <b>2016</b> , 33, 713-722	2	15

109	Acquiring Long-Term Turbulence Measurements from Moored Platforms Impacted by Motion. <i>Journal of Atmospheric and Oceanic Technology</i> , <b>2016</b> , 33, 2535-2551	2	5
108	The combined effect of transient wind-driven upwelling and eddies on vertical nutrient fluxes and phytoplankton dynamics along Ningaloo Reef, Western Australia. <i>Journal of Geophysical Research: Oceans</i> , <b>2016</b> , 121, 4994-5016	3.3	5
107	Density-ratio effects on the capture of suspended particles in aquatic systems. <i>Journal of Fluid Mechanics</i> , <b>2015</b> , 783, 191-210	3.7	9
106	Near-inertial ocean response to tropical cyclone forcing on the Australian North-West Shelf. <i>Journal of Geophysical Research: Oceans</i> , <b>2015</b> , 120, 7722-7751	3.3	22
105	Observations of the shelf circulation dynamics along Ningaloo Reef, Western Australia during the austral spring and summer. <i>Continental Shelf Research</i> , <b>2015</b> , 95, 54-73	2.4	10
104	Internal-Tide Spectroscopy and Prediction in the Timor Sea. <i>Journal of Physical Oceanography</i> , <b>2015</b> , 45, 64-83	2.4	18
103	Development of a new risk-based framework to guide investment in water quality monitoring. <i>Environmental Monitoring and Assessment</i> , <b>2014</b> , 186, 2455-64	3.1	7
102	Modeling bed shear-stress fluctuations in a shallow tidal channel. <i>Journal of Geophysical Research: Oceans</i> , <b>2014</b> , 119, 3185-3199	3.3	10
101	Biophysical characteristics of a morphologically-complex macrotidal tropical coastal system during a dry season. <i>Estuarine, Coastal and Shelf Science</i> , <b>2014</b> , 149, 96-108	2.9	6
100	Turbulent mixing efficiency at an energetic ocean site. <i>Journal of Geophysical Research: Oceans</i> , <b>2013</b> , 118, 4662-4672	3.3	36
99	Particle capture by a circular cylinder in the vortex-shedding regime. <i>Journal of Fluid Mechanics</i> , <b>2013</b> , 733, 171-188	3.7	15
98	Dynamics of the summer shelf circulation and transient upwelling off Ningaloo Reef, Western Australia. <i>Journal of Geophysical Research: Oceans</i> , <b>2013</b> , 118, 1099-1125	3.3	20
97	Shoaling internal solitary waves. <i>Journal of Geophysical Research: Oceans</i> , <b>2013</b> , 118, 4111-4124	3.3	46
96	Atmospheric forcing intensifies the effects of regional ocean warming on reef-scale temperature anomalies during a coral bleaching event. <i>Journal of Geophysical Research: Oceans</i> , <b>2013</b> , 118, 4600-4616	3.3	26
95	Examining shifts in zooplankton community variability following biological invasion. <i>Limnology and Oceanography</i> , <b>2013</b> , 58, 399-408	4.8	5
94	Cyanobacterial and microcystins dynamics following the application of hydrogen peroxide to waste stabilisation ponds. <i>Hydrology and Earth System Sciences</i> , <b>2013</b> , 17, 2097-2105	5.5	13
93	Seasonal circulation and temperature variability near the North West Cape of Australia. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		21
92	The dynamics of internal wave resonance in periodically forced narrow basins. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		10

91	A numerical study of the dynamics of the wave-driven circulation within a fringing reef system. <i>Ocean Dynamics</i> , <b>2012</b> , 62, 585-602	2.3	21
90	Particle capture and low-Reynolds-number flow around a circular cylinder. <i>Journal of Fluid Mechanics</i> , <b>2012</b> , 710, 362-378	3.7	23
89	The combined influence of hydrodynamic forcing and calcification on the spatial distribution of alkalinity in a coral reef system. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		18
88	Temporal variability of the standing internal tide in the Browse Basin, Western Australia. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		12
87	Internal tide dynamics in a topographically complex region: Browse Basin, Australian North West Shelf. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116,		30
86	Nearshore circulation in a tropical fringing reef system. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116,		63
85	Environmental Factors and the Application of Hydrogen Peroxide for the Removal of Toxic Cyanobacteria from Waste Stabilization Ponds. <i>Journal of Environmental Engineering, ASCE</i> , <b>2011</b> , 137, 952-960	2	27
84	Dynamics of a tidally-forced stratified shear flow on the continental slope. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116,		13
83	Estimating turbulent kinetic energy dissipation using the inertial subrange method in environmental flows. <i>Limnology and Oceanography: Methods</i> , <b>2011</b> , 9, 302-321	2.6	51
82	A numerical model of wave- and current-driven nutrient uptake by coral reef communities. <i>Ecological Modelling</i> , <b>2011</b> , 222, 1456-1470	3	23
81	Tides and Internal Waves on the Continental Shelf <b>2011</b> , 225-235		1
80	Experiments on the generation of internal waves over continental shelf topography. <i>Journal of Fluid Mechanics</i> , <b>2010</b> , 663, 385-400	3.7	25
79	Dying to find the source The use of rhodamine WT as a proxy for soluble point source pollutants in closed pipe surface drainage networks. <i>Hydrology and Earth System Sciences</i> , <b>2009</b> , 13, 2169-2178	5.5	5
78	The variability of the large-amplitude internal wave field on the Australian North West Shelf. <i>Continental Shelf Research</i> , <b>2009</b> , 29, 1373-1383	2.4	37
77	Flow separation and resuspension beneath shoaling nonlinear internal waves. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114,		72
76	Estimating net transport and mixing using a time-dependent inverse method. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113,		1
75	Assessing internal and external controls on lake water quality: Limitations on organic carbon-driven alkalinity generation in acidic pit lakes. <i>Water Resources Research</i> , <b>2008</b> , 44,	5.4	11
74	Density Stratification, Turbulence, but How Much Mixing?. <i>Annual Review of Fluid Mechanics</i> , <b>2008</b> , 40, 169-184	2.2	261

73	A numerical study of the eddy characteristics of the Leeuwin Current System. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2008</b> , 55, 261-276	2.5	12
72	Near-Surface Wind-Induced Mixing in a Mine Lake. <i>Journal of Hydraulic Engineering</i> , <b>2008</b> , 134, 1464-1472.8		14
71	The generation of internal waves by tidal flow over continental shelf/slope topography. <i>Environmental Fluid Mechanics</i> , <b>2008</b> , 8, 511-526	2.2	10
70	Experimental study on resonantly forced interfacial waves in a stratified circular cylindrical basin. <i>Journal of Fluid Mechanics</i> , <b>2007</b> , 582, 203-222	3.7	6
69	Numerical modelling of the mean flow characteristics of the Leeuwin Current System. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2007</b> , 54, 837-858	2.3	36
68	Numerical simulation of the summer wake of Rottnest Island, Western Australia. <i>Dynamics of Atmospheres and Oceans</i> , <b>2007</b> , 43, 171-198	1.9	10
67	Effect of Long Internal Waves on the Quality of Water Withdrawn from a Stratified Reservoir. <i>Journal of Hydraulic Engineering</i> , <b>2006</b> , 132, 1134-1145	1.8	21
66	Observations of bottom intensification of temperature and velocity fluctuations induced by oblique tidal interactions with a slope. <i>Marine and Freshwater Research</i> , <b>2006</b> , 57, 255	2.2	2
65	Parameterization of turbulent fluxes and scales using homogeneous sheared stably stratified turbulence simulations. <i>Journal of Fluid Mechanics</i> , <b>2005</b> , 525, 193-214	3.7	255
64	The temporal evolution of a geostrophic flow in a rotating stratified basin. <i>Dynamics of Atmospheres and Oceans</i> , <b>2005</b> , 39, 189-210	1.9	1
63	The energetics of large-scale internal wave degeneration in lakes. <i>Journal of Fluid Mechanics</i> , <b>2005</b> , 531, 159-180	3.7	59
62	The temporal evolution of baroclinic basin-scale waves in a rotating circular basin. <i>Journal of Fluid Mechanics</i> , <b>2005</b> , 523, 367-392	3.7	12
61	Processes controlling the position of frontal systems in Shark Bay, Western Australia. <i>Estuarine, Coastal and Shelf Science</i> , <b>2005</b> , 65, 463-474	2.9	35
60	The degeneration of internal waves in lakes with sloping topography. <i>Limnology and Oceanography</i> , <b>2005</b> , 50, 1620-1637	4.8	124
59	Disaggregation of <i>Microcystis aeruginosa</i> colonies under turbulent mixing: laboratory experiments in a grid-stirred tank. <i>Hydrobiologia</i> , <b>2004</b> , 519, 143-152	2.4	62
58	Secondary circulation induced by flow curvature and Coriolis effects around headlands and islands. <i>Ocean Dynamics</i> , <b>2004</b> , 54, 27-38	2.3	41
57	Baroclinic geostrophic adjustment in a rotating circular basin. <i>Journal of Fluid Mechanics</i> , <b>2004</b> , 515, 63-86.7		11
56	Stratification and mixing in sea straits. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2004</b> , 51, 441-453	2.3	11

55	Estimation of a characteristic friction velocity in stirred benthic chambers. <i>Marine Ecology - Progress Series</i> , <b>2004</b> , 279, 291-295	2.6	3
54	Simple mixing criteria for the growth of negatively buoyant phytoplankton. <i>Limnology and Oceanography</i> , <b>2003</b> , 48, 1326-1337	4.8	27
53	Estimation of the rate of dissipation of turbulent kinetic energy and turbulent lengthscales in grid-generated turbulence. <i>Experiments in Fluids</i> , <b>2003</b> , 34, 607-615	2.5	1
52	The tidal regime of Shark Bay, Western Australia. <i>Estuarine, Coastal and Shelf Science</i> , <b>2003</b> , 57, 725-735	2.9	39
51	The Kelvin-Helmholtz to Holmboe instability transition in stratified exchange flows. <i>Journal of Fluid Mechanics</i> , <b>2003</b> , 477,	3.7	51
50	High-frequency internal waves in large stratified lakes. <i>Limnology and Oceanography</i> , <b>2003</b> , 48, 895-919	4.8	99
49	Hydrodynamic modelling of snapper <i>Pagrus auratus</i> egg and larval dispersal in Shark Bay, Western Australia: reproductive isolation at a fine spatial scale. <i>Marine Ecology - Progress Series</i> , <b>2003</b> , 265, 213-226	2.6	31
48	A weakly nonlinear model of long internal waves in closed basins. <i>Journal of Fluid Mechanics</i> , <b>2002</b> , 467, 269-287	3.7	29
47	Response Characteristics of a Buoyancy-Driven Sea. <i>Journal of Physical Oceanography</i> , <b>2001</b> , 31, 2721-2734	3.4	14
46	Linear internal waves and the control of stratified exchange flows. <i>Journal of Fluid Mechanics</i> , <b>2001</b> , 447, 357-375	3.7	29
45	Measurements of diapycnal diffusivities in stratified fluids. <i>Journal of Fluid Mechanics</i> , <b>2001</b> , 442, 267-293	3.7	92
44	The degeneration of large-scale interfacial gravity waves in lakes. <i>Journal of Fluid Mechanics</i> , <b>2001</b> , 434, 181-207	3.7	141
43	Hydraulics and mixing in controlled exchange flows. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 959-972		56
42	Convectively driven exchange flow in a stratified sill-enclosed basin. <i>Journal of Fluid Mechanics</i> , <b>2000</b> , 418, 313-338	3.7	12
41	Internal wave evolution in a space-time varying field. <i>Journal of Fluid Mechanics</i> , <b>2000</b> , 424, 279-301	3.7	16
40	Turbulent mixing in a sloping benthic boundary layer energized by internal waves. <i>Journal of Fluid Mechanics</i> , <b>2000</b> , 418, 59-76	3.7	67
39	The effects of a surface stress-driven ambient circulation on open ocean convection. <i>Geophysical and Astrophysical Fluid Dynamics</i> , <b>1999</b> , 91, 199-222	1.4	1
38	Steady convective exchange flows down slopes. <i>Aquatic Sciences</i> , <b>1999</b> , 61, 260	2.5	42

37	Rossby number regimes for isolated convection in a homogeneous, rotating fluid. <i>Dynamics of Atmospheres and Oceans</i> , <b>1999</b> , 30, 149-171	1.9	8
36	Upwelling on the south-west coast of Australia—source of the Capes Current?. <i>Continental Shelf Research</i> , <b>1999</b> , 19, 363-400	2.4	72
35	Convectively driven exchange in a shallow coastal embayment. <i>Continental Shelf Research</i> , <b>1999</b> , 19, 1599-1616	2.4	628
34	Experiments on mixing due to internal solitary waves breaking on uniform slopes. <i>Journal of Geophysical Research</i> , <b>1999</b> , 104, 13467-13477		153
33	Submaximal exchange between a convectively forced basin and a large reservoir. <i>Journal of Fluid Mechanics</i> , <b>1999</b> , 378, 357-378	3.7	17
32	On continental shelf convection: The influence of an ideal coast. <i>Journal of Geophysical Research</i> , <b>1998</b> , 103, 15643-15656		1
31	Two intersecting internal wave rays: A comparison between numerical and laboratory results. <i>Coastal and Estuarine Studies</i> , <b>1998</b> , 241-250		
30	Buoyancy fluxes in a stratified fluid. <i>Coastal and Estuarine Studies</i> , <b>1998</b> , 377-388		8
29	Breaking of super-critically incident internal waves at a sloping bed. <i>Coastal and Estuarine Studies</i> , <b>1998</b> , 475-484		4
28	Unsteady convective exchange flows in cavities. <i>Journal of Fluid Mechanics</i> , <b>1998</b> , 368, 127-153	3.7	16
27	The influence of rotation on shelf convection. <i>Journal of Fluid Mechanics</i> , <b>1998</b> , 369, 23-48	3.7	20
26	A laboratory investigation into shear-generated mixing in a salt wedge estuary. <i>Geophysical and Astrophysical Fluid Dynamics</i> , <b>1997</b> , 85, 65-95	1.4	9
25	Localized mixing due to a breaking internal wave ray at a sloping bottom. <i>Journal of Fluid Mechanics</i> , <b>1997</b> , 350, 1-27	3.7	72
24	Laboratory study of the interaction between two internal wave rays. <i>Journal of Fluid Mechanics</i> , <b>1997</b> , 336, 91-122	3.7	61
23	On convective turbulence and the influence of rotation. <i>Dynamics of Atmospheres and Oceans</i> , <b>1997</b> , 25, 217-232	1.9	14
22	Dynamics of Turbidity Current with Reversing Buoyancy. <i>Journal of Hydraulic Engineering</i> , <b>1996</b> , 122, 230-236	1.8	22
21	Convection in a long box driven by heating and cooling on the horizontal boundaries. <i>Journal of Fluid Mechanics</i> , <b>1996</b> , 310, 61-87	3.7	9
20	Convectively driven mixed layer growth in a rotating, stratified fluid. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>1995</b> , 42, 331-349	2.5	22

19	Unsteady, Turbulent Convection into a Rotating, Linearly Stratified Fluid: Modeling Deep Ocean Convection. <i>Journal of Physical Oceanography</i> , <b>1995</b> , 25, 3032-3050	2.4	28
18	Boundary mixing in stratified reservoirs. <i>Journal of Fluid Mechanics</i> , <b>1993</b> , 248, 477-491	3.7	29
17	On the Nature of Turbulence in a Stratified Fluid. Part I: The Energetics of Mixing. <i>Journal of Physical Oceanography</i> , <b>1991</b> , 21, 650-658	2.4	278
16	On the Nature of Turbulence in a Stratified Fluid. Part II: Application to Lakes. <i>Journal of Physical Oceanography</i> , <b>1991</b> , 21, 659-680	2.4	134
15	Convection Near the Temperature of Maximum Density for High Rayleigh Number, Low Aspect Ratio, Rectangular Cavities. <i>Journal of Heat Transfer</i> , <b>1989</b> , 111, 100-105	1.8	22
14	Vertical mixing due to the breaking of critical internal waves on sloping boundaries. <i>Journal of Fluid Mechanics</i> , <b>1989</b> , 204, 479	3.7	186
13	Convectively driven coastal currents in a rotating basin. <i>Journal of Marine Research</i> , <b>1988</b> , 46, 473-494	1.5	19
12	The role of boundary mixing in the deep ocean. <i>Journal of Geophysical Research</i> , <b>1987</b> , 92, 11873		21
11	Boundary mixing in a rotating, stratified fluid. <i>Journal of Fluid Mechanics</i> , <b>1987</b> , 183, 25-44	3.7	26
10	Density and viscosity gradients in zoned magma chambers, and their influence withdrawal dynamics. <i>Journal of Volcanology and Geothermal Research</i> , <b>1986</b> , 30, 201-230	2.8	74
9	Magma-mixing and the dynamics of withdrawal from stratified reservoirs. <i>Journal of Volcanology and Geothermal Research</i> , <b>1986</b> , 27, 153-178	2.8	157
8	A dissolved oxygen budget model for Lake Erie in summer. <i>Freshwater Biology</i> , <b>1985</b> , 15, 683-694	3.1	32
7	Helium accumulation in groundwater. II: A model for the accumulation of the crustal $4\text{He}$ degassing flux. <i>Geochimica Et Cosmochimica Acta</i> , <b>1985</b> , 49, 2445-2452	5.5	118
6	Axisymmetric withdrawal and inflow in a density-stratified container. <i>Journal of Fluid Mechanics</i> , <b>1985</b> , 161, 115	3.7	54
5	Experiments on transient natural convection in a cavity. <i>Journal of Fluid Mechanics</i> , <b>1984</b> , 144, 389-401	3.7	116
4	A model of the vertical mixing in Lake Erie in summer. <i>Limnology and Oceanography</i> , <b>1984</b> , 29, 553-563	4.8	37
3	Entrainment by bottom currents in Lake Erie. <i>Limnology and Oceanography</i> , <b>1982</b> , 27, 1029-1038	4.8	22
2	Boundary mixing in a stratified fluid. <i>Journal of Fluid Mechanics</i> , <b>1982</b> , 121, 1	3.7	64

1 Field Investigation of Selective Withdrawal. *Journal of Hydraulic Engineering*, **1978**, 104, 1225-1237