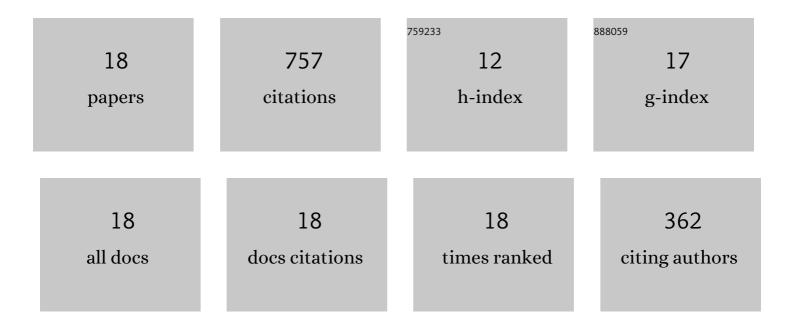
## Mitsuhiro Tanaka

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The stability of solitary waves. Physics of Fluids, 1986, 29, 650.	1.4	171
2	The Stability of Steep Gravity Waves. Journal of the Physical Society of Japan, 1983, 52, 3047-3055.	1.6	90
3	Verification of Hasselmann's energy transfer among surface gravity waves by direct numerical simulations of primitive equations. Journal of Fluid Mechanics, 2001, 444, 199-221.	3.4	88
4	A method of studying nonlinear random field of surface gravity waves by direct numerical simulation. Fluid Dynamics Research, 2001, 28, 41-60.	1.3	71
5	On the crest instabilities of steep surface waves. Journal of Fluid Mechanics, 1997, 336, 51-68.	3.4	64
6	Mach reflection of a large-amplitude solitary wave. Journal of Fluid Mechanics, 1993, 248, 637-661.	3.4	61
7	Perturbations on the K-dV Solitons –An Approach Based on the Multiple Time Scale Expansion–. Journal of the Physical Society of Japan, 1980, 49, 807-812.	1.6	60
8	The stability of steep gravity waves. Part 2. Journal of Fluid Mechanics, 1985, 156, 281.	3.4	40
9	On the Role of Resonant Interactions in the Short-Term Evolution of Deep-Water Ocean Spectra. Journal of Physical Oceanography, 2007, 37, 1022-1036.	1.7	31
10	Effects of discretization of the spectrum in water-wave turbulence. Fluid Dynamics Research, 2004, 34, 199-216.	1.3	26
11	Nonlinear Self-Modulation Problem of the Benjamin-Ono Equation. Journal of the Physical Society of Japan, 1982, 51, 2686-2692.	1.6	15
12	Nonlinear Self-Modulation of Interfacial Waves. Journal of the Physical Society of Japan, 1982, 51, 2016-2023.	1.6	15
13	A numerical study on the energy transfer from surface waves to interfacial waves in a two-layer fluid system. Journal of Fluid Mechanics, 2015, 763, 202-217.	3.4	12
14	Numerical verification of the random-phase-and-amplitude formalism of weak turbulence. Physical Review E, 2013, 87, 062922.	2.1	5
15	On the phase velocity effect of nonlinear interactions between surface gravity waves. Physics of Fluids, 2002, 14, 2109.	4.0	4
16	Effect of Weak Dissipation on Two Soliton Solution of the K-dV Equation. Journal of the Physical Society of Japan, 1979, 47, 2013-2020.	1.6	2
17	A numerical study on statistical characteristics of amplitude fluctuations in a wave turbulence. Physica D: Nonlinear Phenomena, 2011, 240, 1145-1155.	2.8	2
18	On the initial evolution of the weak turbulence spectrum in a system with a decay dispersion relation. European Journal of Mechanics, B/Fluids, 2018, 71, 103-112.	2.5	0