

Kenji Nakanishi

List of Publications by Year in descending order

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27
papers

1,967
citations

430874

18
h-index

526287

27
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docs citations

28
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	IL-33-Induced Atopic Dermatitis-Like Inflammation in Mice Is Mediated by Group 2 Innate Lymphoid Cells in Concert with Basophils. <i>Journal of Investigative Dermatology</i> , 2019, 139, 2185-2194.e3.	0.7	58
2	Scattering for the 3D Gross-Pitaevskii Equation. <i>Communications in Mathematical Physics</i> , 2018, 359, 265-295.	2.2	19
3	On the boundary Strichartz estimates for wave and Schrödinger equations. <i>Journal of Differential Equations</i> , 2018, 265, 5656-5675.	2.2	9
4	Global Dynamics Above the First Excited Energy for the Nonlinear Schrödinger Equation with a Potential. <i>Communications in Mathematical Physics</i> , 2017, 354, 161-212.	2.2	2
5	Expression of IL-33 in ocular surface epithelium induces atopic keratoconjunctivitis with activation of group 2 innate lymphoid cells in mice. <i>Scientific Reports</i> , 2017, 7, 10053.	3.3	29
6	Codimension One Threshold Manifold for the Critical gKdV Equation. <i>Communications in Mathematical Physics</i> , 2016, 342, 1075-1106.	2.2	21
7	Center-stable manifold of the ground state in the energy space for the critical wave equation. <i>Mathematische Annalen</i> , 2015, 361, 1-50.	1.4	52
8	Finite-Time Blowup for the Inviscid Primitive Equations of Oceanic and Atmospheric Dynamics. <i>Communications in Mathematical Physics</i> , 2015, 337, 473-482.	2.2	59
9	Global Dynamics below the Ground State Energy for the Klein-Gordon-Zakharov System in the 3D Radial Case. <i>Communications in Partial Differential Equations</i> , 2014, 39, 1158-1184.	2.2	11
10	Small Energy Scattering for the Zakharov System with Radial Symmetry. <i>International Mathematics Research Notices</i> , 2014, 2014, 2327-2342.	1.0	20
11	Immediate-type contact hypersensitivity is reduced in interleukin-33 knockout mice. <i>Journal of Dermatological Science</i> , 2014, 74, 159-161.	1.9	17
12	Threshold Phenomenon for the Quintic Wave Equation in Three Dimensions. <i>Communications in Mathematical Physics</i> , 2014, 327, 309-332.	2.2	19
13	Generalized Strichartz Estimates and Scattering for 3D Zakharov System. <i>Communications in Mathematical Physics</i> , 2014, 331, 239-259.	2.2	19
14	Small energy scattering for the Klein-Gordon-Zakharov system with radial symmetry. <i>Mathematical Research Letters</i> , 2014, 21, 733-755.	0.5	11
15	Skin-specific expression of IL-33 activates group 2 innate lymphoid cells and elicits atopic dermatitis-like inflammation in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13921-13926.	7.1	360
16	Multifrequency NLS Scaling for a Model Equation of Gravity-Capillary Waves. <i>Communications on Pure and Applied Mathematics</i> , 2013, 66, 1202-1240.	3.1	8
17	A critical role of IL-33 in experimental allergic rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 184-194.e11.	2.9	193
18	Asymptotic Stability, Concentration, and Oscillation in Harmonic Map Heat-Flow, Landau-Lifshitz, and Schrödinger Maps on \mathbb{R}^2 . <i>Communications in Mathematical Physics</i> , 2010, 300, 205-242.	2.2	44

#	ARTICLE	IF	CITATIONS
19	Contribution of IL-33 to induction and augmentation of experimental allergic conjunctivitis. <i>International Immunology</i> , 2010, 22, 479-489.	4.0	99
20	SCATTERING THEORY FOR THE GROSS-PITAEVSKII EQUATION IN THREE DIMENSIONS. <i>Communications in Contemporary Mathematics</i> , 2009, 11, 657-707.	1.2	78
21	Scattering for the two-dimensional energy-critical wave equation. <i>Duke Mathematical Journal</i> , 2009, 150, .	1.5	20
22	Energy convergence for singular limits of Zakharov type systems. <i>Inventiones Mathematicae</i> , 2008, 172, 535-583.	2.5	74
23	Administration of IL-33 induces airway hyperresponsiveness and goblet cell hyperplasia in the lungs in the absence of adaptive immune system. <i>International Immunology</i> , 2008, 20, 791-800.	4.0	451
24	Global Dispersive Solutions for the Gross-Pitaevskii Equation in Two and Three Dimensions. <i>Annales Henri Poincare</i> , 2007, 8, 1303-1331.	1.7	40
25	Scattering for the Gross-Pitaevskii equation. <i>Mathematical Research Letters</i> , 2006, 13, 273-285.	0.5	45
26	FROM THE KLEIN-GORDON-ZAKHAROV SYSTEM TO THE NONLINEAR SCHRÖDINGER EQUATION. <i>Journal of Hyperbolic Differential Equations</i> , 2005, 02, 975-1008.	0.5	58
27	Title is missing!. <i>International Mathematics Research Notices</i> , 2004, 2004, 3559.	1.0	57