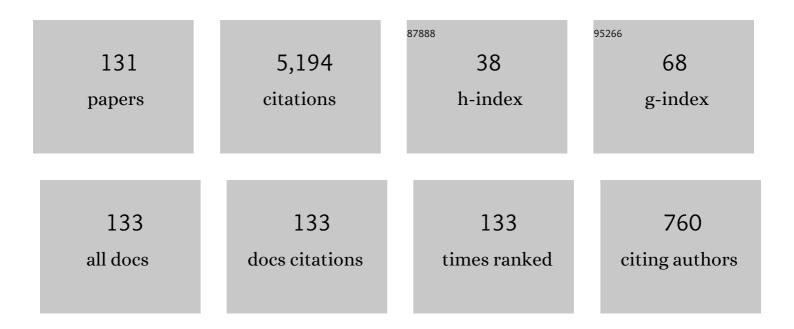
List of Publications by Year in descending order

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Ілномс Мл

#	Article	IF	CITATIONS
1	Global regularity for the 2D MHD equations with mixed partial dissipation and magnetic diffusion. Advances in Mathematics, 2011, 226, 1803-1822.	1.1	297
2	Behavior of Solutions of 2D Quasi-Geostrophic Equations. SIAM Journal on Mathematical Analysis, 1999, 30, 937-948.	1.9	281
3	Generalized MHD equations. Journal of Differential Equations, 2003, 195, 284-312.	2.2	262
4	Two regularity criteria for the 3D MHD equations. Journal of Differential Equations, 2010, 248, 2263-2274.	2.2	235
5	Global existence and decay of smooth solution for the 2-D MHD equations without magnetic diffusion. Journal of Functional Analysis, 2014, 267, 503-541.	1.4	167
6	Regularity Criteria for the Generalized MHD Equations. Communications in Partial Differential Equations, 2008, 33, 285-306.	2.2	161
7	Global Regularity for the Two-Dimensional Anisotropic Boussinesq Equations with Vertical Dissipation. Archive for Rational Mechanics and Analysis, 2013, 208, 985-1004.	2.4	159
8	Global Regularity for a Class of Generalized Magnetohydrodynamic Equations. Journal of Mathematical Fluid Mechanics, 2011, 13, 295-305.	1.0	143
9	Lower Bounds for an Integral Involving Fractional Laplacians and the Generalized Navier-Stokes Equations in Besov Spaces. Communications in Mathematical Physics, 2006, 263, 803-831.	2.2	135
10	The 2D Incompressible Magnetohydrodynamics Equations with only Magnetic Diffusion. SIAM Journal on Mathematical Analysis, 2014, 46, 588-602.	1.9	132
11	The 2D MHD equations with horizontal dissipation and horizontal magnetic diffusion. Journal of Differential Equations, 2013, 254, 2661-2681.	2.2	127
12	Generalized surface quasiâ€geostrophic equations with singular velocities. Communications on Pure and Applied Mathematics, 2012, 65, 1037-1066.	3.1	106
13	Global regularity results for the 2D Boussinesq equations with vertical dissipation. Journal of Differential Equations, 2011, 251, 1637-1655.	2.2	94
14	Global well-posedness and large-time decay for the 2D micropolar equations. Journal of Differential Equations, 2017, 262, 3488-3523.	2.2	86
15	Regularity of Hölder continuous solutions of the supercritical quasi-geostrophic equation. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2008, 25, 1103-1110.	1.4	84
16	Inviscid limit for vortex patches. Nonlinearity, 1995, 8, 735-742.	1.4	82
17	Local Well-Posedness for the Hall-MHD Equations with Fractional Magnetic Diffusion. Journal of Mathematical Fluid Mechanics, 2015, 17, 627-638.	1.0	80
18	Global Small Solution to the 2D MHD System with a Velocity Damping Term. SIAM Journal on Mathematical Analysis, 2015, 47, 2630-2656.	1.9	80

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19	The 2D Boussinesq equations with vertical viscosity and vertical diffusivity. Journal of Differential Equations, 2010, 249, 1078-1088.	2.2	77
20	Global Solutions of the 2D Dissipative Quasi-Geostrophic Equation in Besov Spaces. SIAM Journal on Mathematical Analysis, 2005, 36, 1014-1030.	1.9	75
21	Inviscid Models Generalizing the Two-dimensional Euler and the Surface Quasi-geostrophic Equations. Archive for Rational Mechanics and Analysis, 2011, 202, 35-62.	2.4	75
22	Viscous and inviscid magneto-hydrodynamics equations. Journal D'Analyse Mathematique, 1997, 73, 251-265.	0.8	74
23	Long time behavior of the two-dimensional Boussinesq equations without buoyancy diffusion. Physica D: Nonlinear Phenomena, 2018, 376-377, 144-159.	2.8	72
24	The Two-Dimensional Incompressible Boussinesq Equations with General Critical Dissipation. SIAM Journal on Mathematical Analysis, 2014, 46, 3426-3454.	1.9	71
25	The generalized incompressible Navier-Stokes equations in Besov spaces. Dynamics of Partial Differential Equations, 2004, 1, 381-400.	0.9	63
26	Global regularity results for the 2D Boussinesq equations with partial dissipation. Journal of Differential Equations, 2016, 260, 1893-1917.	2.2	61
27	Hölder continuity of solutions of supercritical dissipative hydrodynamic transport equations. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2009, 26, 159-180.	1.4	60
28	Global small solutions to the compressible 2D magnetohydrodynamic system without magnetic diffusion. Advances in Mathematics, 2017, 310, 759-888.	1.1	60
29	Global solutions of 3D incompressible MHD system with mixed partial dissipation and magnetic diffusion near an equilibrium. Advances in Mathematics, 2021, 377, 107466.	1.1	58
30	The 2D magnetohydrodynamic equations with magnetic diffusion. Nonlinearity, 2015, 28, 3935-3955.	1.4	57
31	Low regularity solutions of two fifth-order KDV type equations. Journal D'Analyse Mathematique, 2009, 107, 221-238.	0.8	51
32	The two-dimensional quasi-geostrophic equation with critical or supercritical dissipation. Nonlinearity, 2005, 18, 139-154.	1.4	48
33	THE QUASI-GEOSTROPHIC EQUATION AND ITS TWO REGULARIZATIONS. Communications in Partial Differential Equations, 2002, 27, 1161-1181.	2.2	46
34	Global Regularity and Time Decay for the 2D Magnetohydrodynamic Equations with Fractional Dissipation and Partial Magnetic Diffusion. Journal of Mathematical Fluid Mechanics, 2018, 20, 1541-1565.	1.0	46
35	Stability Near Hydrostatic Equilibrium to the 2D Boussinesq Equations Without Thermal Diffusion. Archive for Rational Mechanics and Analysis, 2020, 237, 585-630.	2.4	46
36	Vanishing viscosity limit for the 3D magnetohydrodynamic system with a slip boundary condition. Journal of Functional Analysis, 2009, 257, 3375-3394.	1.4	45

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37	The 2D Boussinesq equations with logarithmically supercritical velocities. Advances in Mathematics, 2012, 230, 1618-1645.	1.1	43
38	New Numerical Results for the Surface Quasi-Geostrophic Equation. Journal of Scientific Computing, 2012, 50, 1-28.	2.3	39
39	Solutions of the 2D quasi-geostrophic equation in Hölder spaces. Nonlinear Analysis: Theory, Methods & Applications, 2005, 62, 579-594.	1.1	38
40	Quasi-geostrophic-type equations with initial data in Morrey spaces. Nonlinearity, 1997, 10, 1409-1420.	1.4	37
41	Small global solutions to the damped two-dimensional Boussinesq equations. Journal of Differential Equations, 2014, 256, 3594-3613.	2.2	37
42	Global well-posedness for a class of 2D Boussinesq systems with fractional dissipation. Journal of Differential Equations, 2014, 257, 4188-4213.	2.2	37
43	A Dual-Petrov-Galerkin Method for theÂKawahara-TypeÂEquations. Journal of Scientific Computing, 2008, 34, 48-63.	2.3	36
44	Regularity results for the 2D Boussinesq equations with critical or supercritical dissipation. Communications in Mathematical Sciences, 2016, 14, 1963-1997.	1.0	34
45	Stability of perturbations near a background magnetic field of the 2D incompressible MHD equations with mixed partial dissipation. Journal of Functional Analysis, 2020, 279, 108519.	1.4	33
46	Global Smooth Solutions to the n-Dimensional Damped Models of Incompressible Fluid Mechanics with Small Initial Datum. Journal of Nonlinear Science, 2015, 25, 157-192.	2.1	32
47	Global Regularity for the 2D MHD Equations with Partial Hyper-resistivity. International Mathematics Research Notices, 2019, 2019, 4261-4280.	1.0	32
48	Existence and uniqueness results for the 2-D dissipative quasi-geostrophic equation. Nonlinear Analysis: Theory, Methods & Applications, 2007, 67, 3013-3036.	1.1	31
49	Stability of Couette flow for 2D Boussinesq system with vertical dissipation. Journal of Functional Analysis, 2021, 281, 109255.	1.4	31
50	The Zeroâ€Viscosity Limit of the 2D Navier–Stokes Equations. Studies in Applied Mathematics, 2002, 109, 265-278.	2.4	30
51	Analyticity of Lagrangian trajectories for well posed inviscid incompressible fluid models. Advances in Mathematics, 2015, 285, 352-393.	1.1	29
52	The 3D incompressible magnetohydrodynamic equations with fractional partial dissipation. Journal of Differential Equations, 2019, 266, 630-652.	2.2	28
53	The Inviscid Limit of the Complex Ginzburg–Landau Equation. Journal of Differential Equations, 1998, 142, 413-433.	2.2	27
54	Well-posedness and inviscid limits of the Boussinesq equations with fractional Laplacian dissipation. Nonlinearity, 2014, 27, 2215-2232.	1.4	26

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55	Eventual Regularity of the Two-Dimensional Boussinesq Equations with Supercritical Dissipation. Journal of Nonlinear Science, 2015, 25, 37-58.	2.1	26
56	Global regularity for the 2D micropolar equations with fractional dissipation. Discrete and Continuous Dynamical Systems, 2018, 38, 4133-4162.	0.9	25
5 7	The 2D Boussinesq equations with vertical dissipation and linear stability of shear flows. Journal of Differential Equations, 2019, 267, 1731-1747.	2.2	24
58	Stability and large-time behavior of the 2D Boussinesq equations with partial dissipation. Journal of Differential Equations, 2021, 271, 764-796.	2.2	23
59	Stability and exponential decay for the 2D anisotropic Boussinesq equations with horizontal dissipation. Calculus of Variations and Partial Differential Equations, 2021, 60, 1.	1.7	23
60	A global regularity result for the 2D Boussinesq equations with critical dissipation. Journal D'Analyse Mathematique, 2019, 137, 269-290.	0.8	22
61	Dissipative Models Generalizing the 2D Navier-Stokes and the Surface Quasi-Geostrophic Equations. Indiana University Mathematics Journal, 2012, 61, 1997-2018.	0.9	21
62	Generalized 2D Euler–Boussinesq equations with a singular velocity. Journal of Differential Equations, 2014, 257, 82-108.	2.2	21
63	Partially dissipative 2D Boussinesq equations with Navier type boundary conditions. Physica D: Nonlinear Phenomena, 2018, 376-377, 39-48.	2.8	20
64	The D incompressible Navier–Stokes equations with partial hyperdissipation. Mathematische Nachrichten, 2019, 292, 1823-1836.	0.8	20
65	Global Regularity for a 2D Tropical Climate Model with Fractional Dissipation. Journal of Nonlinear Science, 2019, 29, 511-550.	2.1	20
66	The resistive magnetohydrodynamic equation near an equilibrium. Journal of Differential Equations, 2020, 268, 1854-1871.	2.2	20
67	Influence of a background magnetic field on a 2D magnetohydrodynamic flow. Nonlinearity, 2021, 34, 2527-2562.	1.4	20
68	The 2D Boussinesq equations with fractional horizontal dissipation and thermal diffusion. Journal Des Mathematiques Pures Et Appliquees, 2018, 115, 187-217.	1.6	19
69	Global regularity for 2D fractional magneto-micropolar equations. Mathematische Zeitschrift, 2021, 297, 775-802.	0.9	18
70	Statistical solutions of the Navier–Stokes equations on the phase space of vorticity and the inviscid limits. Journal of Mathematical Physics, 1997, 38, 3031-3045.	1.1	17
71	The 2D dissipative quasi-geostrophic equation. Applied Mathematics Letters, 2002, 15, 925-930.	2.7	17
72	An Incompressible 2D Didactic Model with Singularity and Explicit Solutions of the 2D Boussinesq Equations. Journal of Mathematical Fluid Mechanics, 2014, 16, 473-480.	1.0	17

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73	Global regularity for a class of 2D generalized tropical climate models. Journal of Differential Equations, 2019, 266, 6346-6382.	2.2	17
74	Regularity criteria for the 2D Boussinesq equations with supercritical dissipation. Communications in Mathematical Sciences, 2016, 14, 1999-2022.	1.0	17
75	Global Regularity of the Three-Dimensional Fractional Micropolar Equations. Journal of Mathematical Fluid Mechanics, 2020, 22, 1.	1.0	15
76	Temporal growth and eventual periodicity for dispersive wave equations in a quarter plane. Discrete and Continuous Dynamical Systems, 2009, 23, 1141-1168.	0.9	15
77	Blowup in stagnation-point form solutions of the inviscid 2d Boussinesq equations. Journal of Differential Equations, 2015, 259, 3559-3576.	2.2	14
78	Stability and optimal decay for a system of 3D anisotropic Boussinesq equations. Nonlinearity, 2021, 34, 5456-5484.	1.4	14
79	Global regularity results for the climate model with fractional dissipation. Discrete and Continuous Dynamical Systems - Series B, 2019, 24, 211-229.	0.9	14
80	The Kawahara equation in weighted Sobolev spaces. Nonlinearity, 2008, 21, 1489-1505.	1.4	13
81	Global Regularity for Several Incompressible Fluid Models with Partial Dissipation. Journal of Mathematical Fluid Mechanics, 2017, 19, 423-444.	1.0	13
82	Well-posedness of a semilinear heat equation with weak initial data. Journal of Fourier Analysis and Applications, 1998, 4, 629-642.	1.0	12
83	Eventual periodicity for the KdV equation on a half-line. Physica D: Nonlinear Phenomena, 2007, 227, 105-119.	2.8	12
84	Logarithmically regularized inviscid models in borderline sobolev spaces. Journal of Mathematical Physics, 2012, 53, .	1.1	12
85	On the initial- and boundary-value problem for 2D micropolar equations with only angular velocity dissipation. Zeitschrift Fur Angewandte Mathematik Und Physik, 2017, 68, 1.	1.4	12
86	Optimal Decay Estimates for 2D Boussinesq Equations with Partial Dissipation. Journal of Nonlinear Science, 2021, 31, 1.	2.1	12
87	2D tropical climate model with fractional dissipation and without thermal diffusion. Communications in Mathematical Sciences, 2020, 18, 259-292.	1.0	12
88	The complex KdV equation with or without dissipation. Discrete and Continuous Dynamical Systems - Series B, 2005, 5, 489-512.	0.9	11
89	Stability of hydrostatic equilibrium to the 2D Boussinesq systems with partial dissipation. Applied Mathematics Letters, 2019, 98, 392-397.	2.7	11
90	Stability and Exponential Decay for the 2D Anisotropic Navier–Stokes Equations with Horizontal Dissipation. Journal of Mathematical Fluid Mechanics, 2021, 23, 1.	1.0	11

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91	Stability and decay rates for a variant of the 2D Boussinesq–Bénard system. Communications in Mathematical Sciences, 2019, 17, 2325-2352.	1.0	11
92	A class of global large solutions to the magnetohydrodynamic equations with fractional dissipation. Zeitschrift Fur Angewandte Mathematik Und Physik, 2019, 70, 1.	1.4	10
93	The 3D incompressible Boussinesq equations with fractional partial dissipation. Communications in Mathematical Sciences, 2018, 16, 617-633.	1.0	10
94	Unique weak solutions of the non-resistive magnetohydrodynamic equations with fractional dissipation. Communications in Mathematical Sciences, 2020, 18, 987-1022.	1.0	10
95	Deformation and Symmetry in the Inviscid SQG and the 3D Euler Equations. Journal of Nonlinear Science, 2012, 22, 665-688.	2.1	9
96	Stability for a system of the 2D magnetohydrodynamic equations with partial dissipation. Applied Mathematics Letters, 2019, 94, 244-249.	2.7	9
97	High Reynolds number and high Weissenberg number Oldroyd-B model with dissipation. Journal of Evolution Equations, 2021, 21, 2787-2806.	1.1	9
98	Boundary Control for Optimal Mixing via Navier–Stokes Flows. SIAM Journal on Control and Optimization, 2018, 56, 2768-2801.	2.1	8
99	Stability and large-time behavior for the 2D Boussineq system with horizontal dissipation and vertical thermal diffusion. Nonlinear Differential Equations and Applications, 2022, 29, 1.	0.8	8
100	The Littlewood–Paley decomposition for periodic functions and applications to the Boussinesq equations. Analysis and Applications, 2020, 18, 639-682.	2.2	7
101	A dual-Petrov-Galerkin method for two integrable fifth-order KdV type equations. Discrete and Continuous Dynamical Systems, 2010, 26, 1525-1536.	0.9	7
102	Sharp decay estimates for Oldroyd-B model with only fractional stress tensor diffusion. Journal of Functional Analysis, 2022, 282, 109332.	1.4	7
103	Global regularity for the generalized incompressible Oldroyd-B model with only stress tensor dissipation in critical Besov spaces. Journal of Differential Equations, 2022, 316, 641-686.	2.2	7
104	Optimal decay for the 3D anisotropic Boussinesq equations near the hydrostatic balance. Calculus of Variations and Partial Differential Equations, 2022, 61, 1.	1.7	7
105	A new solution representation for the BBM equation in a quarter plane and the eventual periodicity. Nonlinearity, 2009, 22, 1927-1944.	1.4	6
106	Viscous approximation and weak solutions of the 3D axisymmetric Euler equations. Mathematical Methods in the Applied Sciences, 2015, 38, 548-558.	2.3	6
107	Uniqueness of weak solutions to the Boussinesq equations without thermal diffusion. Communications in Mathematical Sciences, 2019, 17, 1595-1624.	1.0	6
108	Zero-Dissipation Limit for Nonlinear Waves. ESAIM: Mathematical Modelling and Numerical Analysis, 2000, 34, 275-301.	1.9	4

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109	The effect of dissipation on solutions of the complex KdV equation. Mathematics and Computers in Simulation, 2005, 69, 589-599.	4.4	4
110	EC3: Cutting Cooling Energy Consumption Through Weather-Aware Geo-Scheduling Across Multiple Datacenters. IEEE Access, 2018, 6, 2028-2038.	4.2	4
111	Mild Ill-Posedness in <i>L</i> â^ž for 2D Resistive MHD Equations Near a Background Magnetic Field. International Mathematics Research Notices, 2023, 2023, 4839-4868.	1.0	4
112	Stabilizing effect of magnetic field on the 2D ideal magnetohydrodynamic flow with mixed partial damping. Calculus of Variations and Partial Differential Equations, 2022, 61, .	1.7	4
113	Local well-posedness and local (in space) regularity results for the complex Korteweg–de Vries equation. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2007, 137, 203-223.	1.2	3
114	The generalized Buckley-Leverett and the regularized Buckley-Leverett equations. Journal of Mathematical Physics, 2012, 53, .	1.1	3
115	An approximating approach for boundary control of optimal mixing via Navier-Stokes flows. Journal of Differential Equations, 2019, 267, 5809-5850.	2.2	3
116	Complex-Valued Burgers and KdV–Burgers Equations. Journal of Nonlinear Science, 2010, 20, 341-360.	2.1	2
117	Vanishing viscosity limits for the degenerate lake equations with Navier boundary conditions. Nonlinearity, 2012, 25, 641-655.	1.4	2
118	Fifth-order complex Korteweg–de Vries-type equations. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 205202.	2.1	2
119	A class of large solutions to the supercritical surface quasi-geostrophic equation. Nonlinearity, 2019, 32, 5049-5059.	1.4	2
120	Unique weak solutions of the magnetohydrodynamic equations with fractional dissipation. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2020, 100, e201900290.	1.6	2
121	Unique weak solutions of the d â€dimensional micropolar equation with fractional dissipation. Mathematical Methods in the Applied Sciences, 2021, 44, 345-377.	2.3	2
122	Stability of 3D perturbations near a special 2D solution to the rotating Boussinesq equations. Studies in Applied Mathematics, 0, , .	2.4	2
123	Global well-posedness and time decay for 2D Oldroyd-B-type fluids in periodic domains with dissipation in the velocity equation only. Nonlinear Analysis: Real World Applications, 2022, 66, 103513.	1.7	2
124	Firm behavior under illiquidity risk. Applied Mathematics Letters, 2011, 24, 709-713.	2.7	1
125	A study on the global regularity for a model of the 3D axisymmetric Navier–Stokes equations. Nonlinear Analysis: Theory, Methods & Applications, 2012, 75, 3092-3098.	1.1	1
126	Global well-posedness for the 2D fractional Boussinesq Equations in the subcritical case. Pacific Journal of Mathematics, 2019, 298, 233-255.	0.5	1

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127	Minimizing Geo-Distributed Interactive Service Cost With Multiple Cloud Service Providers. IEEE Access, 2019, 7, 3320-3335.	4.2	1
128	On the degenerate boussinesq equations on surfaces. Journal of Geometric Mechanics, 2020, 12, 107-140.	0.8	1
129	Stability and exponential decay for magnetohydrodynamic equations. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2023, 153, 853-880.	1.2	1
130	Firm behavioral response to multiple sources of risky cash flow. Applied Mathematics Letters, 2012, 25, 1389-1393.	2.7	0
131	Well-posedness of the two-dimensional generalized Benjamin-Bona-Mahony equation on the upper half plane. Discrete and Continuous Dynamical Systems - Series B, 2016, 21, 763-779.	0.9	Ο