S Gala

List of Publications by Year in descending order

93 papers	1,267 citations	516710 16 h-index	434195 31 g-index
94 all docs	94 docs citations	94 times ranked	340 citing authors

#	Article	IF	Citations
1	Regularity criteria for the solutions to the 3D MHD equations in the multiplier space. Zeitschrift Fur Angewandte Mathematik Und Physik, 2010, 61, 193-199.	1.4	118
2	Logarithmically improved regularity criterion for the Boussinesq equations in Besov spaces with negative indices. Applicable Analysis, 2016, 95, 1271-1279.	1.3	68
3	A Regularity Criterion in Weak Spaces to Boussinesq Equations. Mathematics, 2020, 8, 920.	2.2	56
4	A new regularity criterion for the nematic liquid crystal flows. Applicable Analysis, 2012, 91, 1741-1747.	1.3	53
5	Multipliers between Sobolev spaces and fractional differentiation. Journal of Mathematical Analysis and Applications, 2006, 322, 1030-1054.	1.0	49
6	Logarithmically improved regularity criteria for the Navier–Stokes equations in multiplier spaces. Journal of Mathematical Analysis and Applications, 2009, 356, 498-501.	1.0	49
7	A new regularity criterion for weak solutions to the viscous MHD equations in terms of the vorticity field. Nonlinear Analysis: Theory, Methods & Applications, 2010, 72, 3643-3648.	1.1	48
8	A remark on the regularity criterion of Boussinesq equations with zero heat conductivity. Applied Mathematics Letters, 2014, 27, 70-73.	2.7	48
9	Regularity criteria for the 3D magneto-micropolar fluid equations in the Morrey–Campanato space. Nonlinear Differential Equations and Applications, 2010, 17, 181-194.	0.8	46
10	On the regularity criteria for the 3D magnetohydrodynamic equations via two components in terms of *BMO* space. Mathematical Methods in the Applied Sciences, 2014, 37, 2320-2325.	2.3	46
11	Uniqueness criterion of weak solutions for the dissipative quasi-geostrophic equations in Orlicz–Morrey spaces. Applicable Analysis, 2014, 93, 356-368.	1.3	43
12	A remark on two generalized Orlicz–Morrey spaces. Journal of Approximation Theory, 2015, 198, 1-9.	0.8	37
13	Remarks on logarithmical regularity criteria for the Navier–Stokes equations. Journal of Mathematical Physics, 2011, 52, 063503.	1.1	32
14	Logarithmically improved regularity criterion for the nematic liquid crystal flows in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:msubsup><mml:mrow><mml:mover accent="true"><mml:mrow><mml:mi>B</mml:mi></mml:mrow><mml:mrow><mml:moÌ‡</mml:mo></mml:mrow></mml:mover></mml. Computers and Mathematics With Applications, 2013, 65, 1738-1745.	2.7	30
15	Extension criterion on regularity for weak solutions to the 3D MHD equations. Mathematical Methods in the Applied Sciences, 2010, 33, 1496-1503.	2.3	23
16	On regularity criteria for the three-dimensional micropolar fluid equations in the critical Morrey–Campanato space. Nonlinear Analysis: Real World Applications, 2011, 12, 2142-2150.	1.7	23
17	A logarithmic regularity criterion for the two-dimensional MHD equations. Journal of Mathematical Analysis and Applications, 2016, 444, 1752-1758.	1.0	18
18	Regularity criterion for weak solutions to the Navier–Stokes equations in terms of the pressure in the class. Nonlinear Analysis: Real World Applications, 2011, 12, 3602-3607.	1.7	17

#	Article	IF	Citations
19	On the regularity criteria of the 3D Navier-Stokes equations in critical spaces. Acta Mathematica Scientia, 2011, 31, 591-600.	1.0	16
20	On the blow-up criterion of strong solutions for the MHD equations with the Hall and ion-slip effects in $\mathbb{R}^{3}$ R 3. Zeitschrift Fur Angewandte Mathematik Und Physik, 2016, 67, 1.	1.4	16
21	On the Blow-Up Criterion for Incompressible Stokesâ€"MHD Equations. Results in Mathematics, 2018, 73, 1.	0.8	16
22	A regularity criterion of the 3D MHD equations involving one velocity and one current density component in Lorentz space. Zeitschrift Fur Angewandte Mathematik Und Physik, 2020, 71, 1.	1.4	16
23	On the regularity criterion of weak solutions for the 3D MHD equations. Zeitschrift Fur Angewandte Mathematik Und Physik, 2017, 68, 1.	1.4	15
24	Regularity Criteria in Terms of the Pressure for the Navier-Stokes Equations in the Critical Morrey-Campanato Space. Zeitschrift Fur Analysis Und Ihre Anwendung, 2011, 30, 83-93.	0.6	14
25	A new regularity criterion for the 3D incompressible MHD equations via partial derivatives. Journal of Mathematical Analysis and Applications, 2020, 481, 123497.	1.0	14
26	On the regularity criterion of strong solutions to the 3D Boussinesq equations. Applicable Analysis, 2011, 90, 1829-1835.	1.3	13
27	A Regularity Criterion in Terms of Pressure for the 3D Viscous MHD Equations. Bulletin of the Malaysian Mathematical Sciences Society, 2017, 40, 1677-1690.	0.9	13
28	On the continuation principle of local smooth solution for the Hall-MHD equations. Applicable Analysis, 2022, 101, 545-553.	1.3	13
29	Logarithmical regularity criterion of the three-dimensional Boussinesq equations in terms of the pressure. Zeitschrift Fur Angewandte Mathematik Und Physik, 2016, 67, 1.	1.4	12
30	A new regularity criterion for the Navier-Stokes equations in terms of the two components of the velocity. Electronic Journal of Qualitative Theory of Differential Equations, 2016, , 1-9.	0.5	12
31	A REGULARITY CRITERION FOR THE NAVIERâ€"STOKES EQUATIONS IN TERMS OF ONE DIRECTIONAL DERIVATIVE OF THE VELOCITY FIELD. Analysis and Applications, 2012, 10, 373-380.	2.2	11
32	On the uniqueness of weak solutions of the 3D MHD equations in the Orliczâ€"Morrey space. Applicable Analysis, 2013, 92, 776-783.	1.3	11
33	A Regularity Criterion for the 3D Density-Dependent MHD Equations. Bulletin of the Brazilian Mathematical Society, 2021, 52, 241-251.	0.8	11
34	Multipliers spaces, Muckenhoupt weights and pseudo-differential operators. Journal of Mathematical Analysis and Applications, 2006, 324, 1262-1273.	1.0	10
35	A new Bealeâ€"Katoâ€"Majda criteria for the 3D magnetoâ€micropolar fluid equations in the Orliczâ€"Morrey space. Mathematical Methods in the Applied Sciences, 2012, 35, 1321-1334.	2.3	10
36	Remarks on regularity criterion for weak solutions to the Navierâ€"Stokes equations in terms of the gradient of the pressure. Applicable Analysis, 2013, 92, 96-103.	1.3	10

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37	A New Regularity Criterion in Terms of the Direction of the Velocity for the MHD Equations. Acta Applicandae Mathematicae, 2011, 113, 207-213.	1.0	9
38	A remark on the logarithmically improved regularity criterion for the micropolar fluid equations in terms of the pressure. Mathematical Methods in the Applied Sciences, 2011, 34, 1945-1953.	2.3	9
39	On the regularity criterion of axisymmetric weak solutions to the 3D Navier–Stokes equations. Nonlinear Analysis: Theory, Methods & Applications, 2011, 74, 775-782.	1.1	9
40	On the Regularity of Weak Solutions of the Boussinesq Equations in Besov Spaces. Vietnam Journal of Mathematics, 2021, 49, 637-649.	0.8	9
41	A regularity criterion of weak solutions to the 3D Boussinesq equations. AIMS Mathematics, 2017, 2, 451-457.	1.6	9
42	A note on regularity criteria in terms of pressure for the 3D viscous MHD equations. Mathematical Notes, 2017, 102, 475-479.	0.4	8
43	Regularity criterion via two components of velocity on weak solutions to the shear thinning fluids in $${\mathbb {R}}^{3}$$. Computational and Applied Mathematics, 2020, 39, 1.	2.2	8
44	Beale–Kato–Majda Regularity Criterion of Smooth Solutions for the Hall-MHD Equations with Zero Viscosity. Bulletin of the Brazilian Mathematical Society, 2022, 53, 229-241.	0.8	8
45	A new regularity criterion for the 3D MHD equations in R^3. Communications on Pure and Applied Analysis, 2012, 11, 973-980.	0.8	8
46	REGULARITY CRITERION ON WEAK SOLUTIONS TO THE NAVIER-STOKES EQUATIONS. Journal of the Korean Mathematical Society, 2008, 45, 537-558.	0.4	8
47	A note on the uniqueness of mild solutions to the Navier-Stokes equations. Archiv Der Mathematik, 2007, 88, 448-454.	0.5	7
48	A remark on the blow-up criterion of strong solutions to the Navier–Stokes equations. Applied Mathematics and Computation, 2011, 217, 9488-9491.	2.2	7
49	A note on the blow-up criterion of smooth solutions to the 3D incompressible MHD equations. Acta Mathematicae Applicatae Sinica, 2012, 28, 639-642.	0.7	7
50	Regularity criterion of the Newton-Boussinesq equations in R^3. Communications on Pure and Applied Analysis, 2012, 11, 443-451.	0.8	7
51	On the regularity criterion for the Navier–Stokes equations in terms of one directional derivative. Asian-European Journal of Mathematics, 2017, 10, 1750012.	0.5	7
52	Remark on a regularity criterion in terms of pressure for the Navier-Stokes equations. Quarterly of Applied Mathematics, 2011, 69, 147-155.	0.7	6
53	A note on the regularity criteria for the Navier–Stokes equations. Applied Mathematics Letters, 2012, 25, 305-309.	2.7	6
54	An improved blow–up criterion for smooth solutions of the two–dimensional MHD equations. Mathematical Methods in the Applied Sciences, 2017, 40, 279-285.	2.3	6

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55	A regularity criterion of smooth solution for the 3D viscous Hall-MHDequations. AIMS Mathematics, 2018, 3, 565-574.	1.6	6
56	A regularity criterion for the three-dimensional MHD equations in terms of one directional derivative of the pressure. Computers and Mathematics With Applications, 2015, 70, 3057-3061.	2.7	5
57	Note on the blow-up criterion for generalized MHD equations. AIP Conference Proceedings, 2017, , .	0.4	5
58	A double-logarithmically improved regularity criterion of weak solutions for the 3D MHD equations. Zeitschrift Fur Angewandte Mathematik Und Physik, 2021, 72, 1.	1.4	5
59	New regularity criteria for the 3D Hall-MHD equations. Annales Polonici Mathematici, 2018, 121, 7-20.	0.5	5
60	A regularity criterion for 3D micropolar fluid flows in terms of one partial derivative of the velocity. Annales Polonici Mathematici, 0, , 1-12.	0.5	5
61	A Regularity Criterion of Weak Solutions to the 3D Boussinesq Equations. Bulletin of the Brazilian Mathematical Society, 2020, 51, 513-525.	0.8	4
62	On regularity criteria for the 3D magneto-micropolar fluid equations in the critical Morrey-Campanato space. Communications on Pure and Applied Analysis, 2010, 10, 583-592.	0.8	4
63	Logarithmically improved blow-up criterion for smooth solutions to the Leray-$alpha$-magnetohydrodynamic equations. Archivum Mathematicum, 2019, , 55-68.	0.3	4
64	Improved regularity criterion for the 3D Navierâ€"Stokes equations via the gradient of one velocity component. SN Partial Differential Equations and Applications, 2021, 2, 1.	0.6	4
65	On the regularity criterion for the solutions of 3D Navier-Stokes equations in weak multiplier spaces. Mathematical Methods in the Applied Sciences, 2011, 34, 2060-2064.	2.3	3
66	Logarithmically Improved Criteria for the 3D Nematic Liquid Crystal Flows in the Multiplier Spaces. Acta Applicandae Mathematicae, 2012, 117, 107-114.	1.0	3
67	A logarithmically improved regularity criterion for the 3D MHD equations in Morrey-Campanato space. AIMS Mathematics, 2016, 2, 16-23.	1.6	3
68	Logarithmically improved regularity criteria for the Boussinesq equations. AIMS Mathematics, 2017, 2, 336-347.	1.6	3
69	A new regularity criterion for strong solutions to the Ericksenâ€"Leslie system. Applicationes Mathematicae, 2016, 43, 95-103.	0.1	3
70	Improved regularity criterion for the 3D Navier-Stokes equations via the gradient of one velocity component. AIP Conference Proceedings, 2022, , .	0.4	3
71	The form boundedness criterion for the Laplacian operator. Journal of Mathematical Analysis and Applications, 2006, 323, 1253-1263.	1.0	2
72	Uniqueness of weak solutions of the Navier-Stokes equations. Applications of Mathematics, 2008, 53, 561-582.	0.9	2

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73	Remark on the regularity criterion for three-dimensional magnetohydrodynamic equations. Applied Mathematics Letters, 2010, 23, 64-67.	2.7	2
74	A remark on the Beale-Kato-Majda criterion for the 3D MHD equations with zero magnetic diffusivity. AIP Conference Proceedings, 2016, , .	0.4	2
75	Note on the weak–strong uniqueness criterion for the β-QG in Morrey–Campanato space. Applied Mathematics and Computation, 2017, 293, 65-71.	2.2	2
76	A logarithmically improved regularity criterion for the Boussinesq equations in a bounded domain. SN Partial Differential Equations and Applications, 2020, 1, 1.	0.6	2
77	A note on the Liouville type theorem for the smooth solutions of the stationary Hall-MHD system. AIMS Mathematics, 2016, 1, 282-287.	1.6	2
78	CHARACTERIZATION OF THE MULTIPLIERS FROM $\dot{X}_r$ TO $\dot{X}_{-r}$. Bulletin of the Korean Mathematical Society, 2013, 50, 915-928.	0.3	2
79	Application of the Trace Inequality to the Poisson Equation. Positivity, 2008, 12, 289-312.	0.7	1
80	Remark on uniqueness of weak solutions to the Navier–Stokes equations. Analysis (Germany), 2008, 28, .	0.4	1
81	Wavelet characterization of the pointwise multiplier space $\dot{{X}}_{r}$. Functiones Et Approximatio, Commentarii Mathematici, 2010, 43, .	0.3	1
82	Remark on the blow-up criterion of strong solutions to the navier-stokes equations in multiplier spaces. Acta Mathematica Scientia, 2010, 30, 1413-1418.	1.0	1
83	A remark on the Beale-Kato-Majda criterion for the 3D MHD equations with zero kinematic viscosity. Acta Mathematicae Applicatae Sinica, 2012, 28, 209-214.	0.7	1
84	A new regularity criterion of weak solutions to the 3D micropolar fluid flows in terms of the pressure. Bolletino Dell Unione Matematica Italiana, 2021, 14, 331-337.	1.0	1
85	The anisotropic integrability logarithmic regularity criterion to the 3D micropolar fluid equations. AIMS Mathematics, 2020, 5, 359-375.	1.6	1
86	REMARKS ON LOGARITHMICALLY REGULARITY CRITERIA FOR THE 3D VISCOUS MHD EQUATIONS. Journal of the Korean Mathematical Society, 2011, 48, 465-474.	0.4	1
87	Regularity of solutions of Poisson's equation in multiplier spaces. Periodica Mathematica Hungarica, 2008, 57, 1-22.	0.9	0
88	ON THE REGULARITY CRITERIA FOR THE GENERALIZED VISCOUS MHD EQUATIONS. Asian-European Journal of Mathematics, 2011, 04, 403-411.	0.5	0
89	A NEW CONTINUATION PRINCIPLE FOR THE NAVIER–STOKES EQUATIONS. Asian-European Journal of Mathematics, 2011, 04, 605-612.	0.5	0
90	Logarithmically improved criteria for the 3D nematic liquid crystal flows in the Morrey–Campanato space. Computers and Mathematics With Applications, 2013, 66, 2327-2334.	2.7	0

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91	A logarithmically improved regularity criterion for the supercritical quasi-geostrophic equations in Besov space. Acta Mathematicae Applicatae Sinica, 2017, 33, 679-686.	0.7	0
92	Logarithmically improved regularity criterion for the 3D Hall-MHD equations. Computational and Applied Mathematics, 2021, 40, 1.	2.2	0
93	A note on the uniqueness of weak solutions for the Navier-Stokes equations. Dynamics of Partial Differential Equations, 2009, 6, 385-391.	0.9	0