# 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 | On the continuation principle of local smooth solution for the Hall-MHD equations. Applicable Analysis, 2022, 101, 545-553. | 1.3 | 13 |
| 2 | Bealeâ€“Katoâ€“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 |
| 3 | Improved regularity criterion for the 3D Navier-Stokes equations via the gradient of one velocity component. AIP Conference Proceedings, 2022, , . | 0.4 | 3 |
| 4 | On the Regularity of Weak Solutions of the Boussinesq Equations in Besov Spaces. Vietnam Journal of Mathematics, 2021, 49, 637-649. | 0.8 | 9 |
| 5 | A Regularity Criterion for the 3D Density-Dependent MHD Equations. Bulletin of the Brazilian Mathematical Society, 2021, 52, 241-251. | 0.8 | 11 |
| 6 | 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 |
| 7 | 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 |
| 8 | Logarithmically improved regularity criterion for the 3D Hall-MHD equations. Computational and Applied Mathematics, 2021, 40, 1. | 2.2 | 0 |
| 9 | 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 |
| 10 | A Regularity Criterion of Weak Solutions to the 3D Boussinesq Equations. Bulletin of the Brazilian Mathematical Society, 2020, 51, 513-525. | 0.8 | 4 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | A Regularity Criterion in Weak Spaces to Boussinesq Equations. Mathematics, 2020, 8, 920. | 2.2 | 56 |
| 16 | The anisotropic integrability logarithmic regularity criterion to the 3D micropolar fluid equations. AIMS Mathematics, 2020, 5, 359-375. | 1.6 | 1 |
| 17 | Logarithmically improved blow-up criterion for smooth solutions to the Leray-$alpha $-magnetohydrodynamic equations. Archivum Mathematicum, 2019, , 55-68. | 0.3 | 4 |
| 18 | On the Blow-Up Criterion for Incompressible Stokesâ€“MHD Equations. Results in Mathematics, 2018, 73, 1. | 0.8 | 16 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | A regularity criterion of smooth solution for the 3D viscous Hall-MHDequations. AIMS Mathematics, 2018, 3, 565-574. | 1.6 | 6 |
| 20 | New regularity criteria for the 3D Hall-MHD equations. Annales Polonici Mathematici, 2018, 121, 7-20. | 0.5 | 5 |
| 21 | 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 |
| 22 | On the regularity criterion for the Navierâ€“Stokes equations in terms of one directional derivative. Asian-European Journal of Mathematics, 2017, 10, 1750012. | 0.5 | 7 |
| 23 | An improved blowâ€up criterion for smooth solutions of the twoâ€dimensional MHD equations. Mathematical Methods in the Applied Sciences, 2017, 40, 279-285. | 2.3 | 6 |
| 24 | Note on the blow-up criterion for generalized MHD equations. AIP Conference Proceedings, 2017, , . | 0.4 | 5 |
| 25 | On the regularity criterion of weak solutions for the 3D MHD equations. Zeitschrift Fur Angewandte Mathematik Und Physik, 2017, 68, 1. | 1.4 | 15 |
| 26 | Note on the weakâ€“strong uniqueness criterion for the Î²-QG in Morreyâ€“Campanato space. Applied Mathematics and Computation, 2017, 293, 65-71. | 2.2 | 2 |
| 27 | A note on regularity criteria in terms of pressure for the 3D viscous MHD equations. Mathematical Notes, 2017, 102, 475-479. | 0.4 | 8 |
| 28 | 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 |
| 29 | Logarithmically improved regularity criteria for the Boussinesq equations. AIMS Mathematics, 2017, 2, 336-347. | 1.6 | 3 |
| 30 | A regularity criterion of weak solutions to the 3D Boussinesq equations. AIMS Mathematics, 2017, 2, 451-457. | 1.6 | 9 |
| 31 | A remark on the Beale-Kato-Majda criterion for the 3D MHD equations with zero magnetic diffusivity. AIP Conference Proceedings, 2016, , . | 0.4 | 2 |
| 32 | A logarithmic regularity criterion for the two-dimensional MHD equations. Journal of Mathematical Analysis and Applications, 2016, 444, 1752-1758. | 1.0 | 18 |
| 33 | 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 |
| 34 | 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 |
| 35 | Logarithmically improved regularity criterion for the Boussinesq equations in Besov spaces with negative indices. Applicable Analysis, 2016, 95, 1271-1279. | 1.3 | 68 |
| 36 | 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 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 37 | 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 |
| 38 | A logarithmically improved regularity criterion for the 3D MHD equations in Morrey-Campanato space. AIMS Mathematics, 2016, 2, 16-23. | 1.6 | 3 |
| 39 | A new regularity criterion for strong solutions to the Ericksenâ€“Leslie system. Applicationes Mathematicae, 2016, 43, 95-103. | 0.1 | 3 |
| 40 | 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 |
| 41 | A remark on two generalized Orliczâ€“Morrey spaces. Journal of Approximation Theory, 2015, 198, 1-9. | 0.8 | 37 |
| 42 | 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 |
| 43 | A remark on the regularity criterion of Boussinesq equations with zero heat conductivity. Applied Mathematics Letters, 2014, 27, 70-73. | 2.7 | 48 |
| 44 | Uniqueness criterion of weak solutions for the dissipative quasi-geostrophic equations in Orliczâ€“Morrey spaces. Applicable Analysis, 2014, 93, 356-368. | 1.3 | 43 |
| 45 | 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:mo>Ì‡</mml:mo></mml:mrow></mml:mover></m Computers and Mathematics With Applications, 2013, 65, 1738-1745. | 2.7 | 30 |
| 46 | Logarithmically improved criteria for the 3D nematic liquid crystal flows in the Morreyâ€“Campanato space. Computers and Mathematics With Applications, 2013, 66, 2327-2334. | 2.7 | 0 |
| 47 | 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 |
| 48 | 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 |
| 49 | CHARACTERIZATION OF THE MULTIPLIERS FROM á¸¢rTO á¸¢-r. Bulletin of the Korean Mathematical Society, 2013, 50, 915-928. | 0.3 | 2 |
| 50 | 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 |
| 51 | A new regularity criterion for the nematic liquid crystal flows. Applicable Analysis, 2012, 91, 1741-1747. | 1.3 | 53 |
| 52 | 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 |
| 53 | Regularity criterion of the Newton-Boussinesq equations in $R^3$. Communications on Pure and Applied Analysis, 2012, 11, 443-451. | 0.8 | 7 |
| 54 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | 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 |
| 56 | A note on the regularity criteria for the Navierâ€“Stokes equations. Applied Mathematics Letters, 2012, 25, 305-309. | 2.7 | 6 |
| 57 | Logarithmically Improved Criteria for the 3D Nematic Liquid Crystal Flows in the Multiplier Spaces. Acta Applicandae Mathematicae, 2012, 117, 107-114. | 1.0 | 3 |
| 58 | 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 |
| 59 | Remarks on logarithmical regularity criteria for the Navierâ€“Stokes equations. Journal of Mathematical Physics, 2011, 52, 063503. | 1.1 | 32 |
| 60 | 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 |
| 61 | 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 |
| 62 | Regularity criterion for weak solutions to the Navierâ€“Stokes equations in terms of the pressure in the class. Nonlinear Analysis: Real World Applications, 2011, 12, 3602-3607. | 1.7 | 17 |
| 63 | A New Regularity Criterion in Terms of the Direction ofÂtheÂVelocity for the MHD Equations. Acta Applicandae Mathematicae, 2011, 113, 207-213. | 1.0 | 9 |
| 64 | On the regularity criteria of the 3D Navier-Stokes equations in critical spaces. Acta Mathematica Scientia, 2011, 31, 591-600. | 1.0 | 16 |
| 65 | 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 |
| 66 | 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 |
| 67 | A remark on the blow-up criterion of strong solutions to the Navierâ€“Stokes equations. Applied Mathematics and Computation, 2011, 217, 9488-9491. | 2.2 | 7 |
| 68 | On the regularity criterion of axisymmetric weak solutions to the 3D Navierâ€“Stokes equations. Nonlinear Analysis: Theory, Methods & Applications, 2011, 74, 775-782. | 1.1 | 9 |
| 69 | On regularity criteria for the three-dimensional micropolar fluid equations in the critical Morreyâ€“Campanato space. Nonlinear Analysis: Real World Applications, 2011, 12, 2142-2150. | 1.7 | 23 |
| 70 | ON THE REGULARITY CRITERIA FOR THE GENERALIZED VISCOUS MHD EQUATIONS. Asian-European Journal of Mathematics, 2011, 04, 403-411. | 0.5 | 0 |
| 71 | On the regularity criterion of strong solutions to the 3D Boussinesq equations. Applicable Analysis, 2011, 90, 1829-1835. | 1.3 | 13 |
| 72 | A NEW CONTINUATION PRINCIPLE FOR THE NAVIERâ€“STOKES EQUATIONS. Asian-European Journal of Mathematics, 2011, 04, 605-612. | 0.5 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | REMARKS ON LOGARITHMICALLY REGULARITY CRITERIA FOR THE 3D VISCOUS MHD EQUATIONS. Journal of the Korean Mathematical Society, 2011, 48, 465-474. | 0.4 | 1 |
| 74 | Wavelet characterization of the pointwise multiplier space $dot{{X}_{r}$. Functiones Et Approximatio, Commentarii Mathematici, 2010, 43, . | 0.3 | 1 |
| 75 | Regularity criteria for the 3D magneto-micropolar fluid equations in the Morreyâ€“Campanato space. Nonlinear Differential Equations and Applications, 2010, 17, 181-194. | 0.8 | 46 |
| 76 | 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 |
| 77 | 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 |
| 78 | 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 |
| 79 | Remark on the regularity criterion for three-dimensional magnetohydrodynamic equations. Applied Mathematics Letters, 2010, 23, 64-67. | 2.7 | 2 |
| 80 | 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 |
| 81 | 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 |
| 82 | Logarithmically improved regularity criteria for the Navierâ€“Stokes equations in multiplier spaces. Journal of Mathematical Analysis and Applications, 2009, 356, 498-501. | 1.0 | 49 |
| 83 | 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 |
| 84 | Application of the Trace Inequality to the Poisson Equation. Positivity, 2008, 12, 289-312. | 0.7 | 1 |
| 85 | Regularity of solutions of Poissonâ€™s equation in multiplier spaces. Periodica Mathematica Hungarica, 2008, 57, 1-22. | 0.9 | 0 |
| 86 | Uniqueness of weak solutions of the Navier-Stokes equations. Applications of Mathematics, 2008, 53, 561-582. | 0.9 | 2 |
| 87 | Remark on uniqueness of weak solutions to the Navierâ€“Stokes equations. Analysis (Germany), 2008, 28, . | 0.4 | 1 |
| 88 | REGULARITY CRITERION ON WEAK SOLUTIONS TO THE NAVIER-STOKES EQUATIONS. Journal of the Korean Mathematical Society, 2008, 45, 537-558. | 0.4 | 8 |
| 89 | A note on the uniqueness of mild solutions to the Navier-Stokes equations. Archiv Der Mathematik, 2007, 88, 448-454. | 0.5 | 7 |
| 90 | Multipliers between Sobolev spaces and fractional differentiation. Journal of Mathematical Analysis and Applications, 2006, 322, 1030-1054. | 1.0 | 49 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | The form boundedness criterion for the Laplacian operator. Journal of Mathematical Analysis and Applications, 2006, 323, 1253-1263. | 1.0 | 2 |
| 92 | Multipliers spaces, Muckenhoupt weights and pseudo-differential operators. Journal of Mathematical Analysis and Applications, 2006, 324, 1262-1273. | 1.0 | 10 |
| 93 | 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 |