

List of Publications

Conference Proceedings

1. M. Sharif and **M.Z. Bhatti**: *Some Inhomogeneity Factors in Self-gravitating Systems*, *Proc. Int. Conf. Relativ. Astrophys.* (2015)48 (**Punjab University Press**).
2. **M.Z. Bhatti**: *Role of Some Physical Factors on the Stability of Collapsing Systems*, *Math. Phys.* (2018)96 (**Proceedings of the 14th Regional Conference; World Scientific**).

List of Journal Publications (Indexed by ISI-JCR)

1. **M.Z. Bhatti**, S. Rashid, B. Almutairi, M.A. Malik and Z. Amjad: *Identifying Potentially Stable Regions of Charged Structures Via Cracking*, *Indian Journal of Physics*, **Accepted for Publications (Springer)**.
2. **M. Z. Bhatti**, B. Almutairi, Z. Yousaf, S. Ijaz, and A. S. Khan: *Analytical Solutions of Planar Geometry with Zero Complexity in Extended Gravity*, *International Journal of Geometric Methods in Modern Physics*, **Accepted for Publications (World Scientific)**.
Submitted to EPJC, IJGMMP.
3. **M.Z. Bhatti**, B. Almutairi, Z. Yousaf, S. Hanif and A. S. Khan: *Dynamical Aspects of Torsion on Anisotropic Dissipative Matter*, *Modern Physics Letters A*, **Accepted for Publications (World Scientific)**.
4. T, Naz, A. Malik, **M.Z. Bhatti**, M. K. Asif and I. Fayyaz: *Traversable Wormhole Solutions Utilizing Karmarkar Condition in $f(R, G)$ Gravity*, *Communications in Theoretical Physics*, **Accepted for Publications (IOP, UK)**.
5. B. Almutairi, **M.Z. Bhatti**, M. Yousaf, Z. Yousaf and A.S. Khan: *Impact of Radial Perturbations on Expansion-free Anisotropic Fluid Spheres in D-dimensional Modified Gravity*, *International Journal of Theoretical Physics*, **63(2024)215 (Springer)**.
6. **M.Z. Bhatti**, Z. Yousaf and S. Ijaz: *Evolution of Charged Anisotropic Spheres in Gauss-Bonnet Gravity*, *European Physical Journal Plus*, **139(2024)772 (Springer)**.
7. Z. Yousaf, Maxim Yu. Khlopov, B. Almutairi, R. Nazer and **M. Z. Bhatti**: *Modeling of Charged Self-gravitating Compact Configurations using Conformal Killing Vector*, *Physics of the Dark Universe* **46(2024)101618 (Elsevier)**.
8. Z. Yousaf, **M.Z. Bhatti**, M. Sharif and Ume Farwa: *Aspects of Charged Decoupled*

- Solutions in $R+\omega R^2$ Gravity,*
Modern Physics Letters A, Accepted for Publications (World Scientific).
9. Z. Yousaf, U. A. Khokhar, B. Almutairi, A. S. Khan, **M. Z. Bhatti**: *Relativistic Fluids Interacting through Gravitational Decoupling in $f(T, \mathcal{F})$ Theory,*
International Journal of Modern Physics D, Accepted for Publications (World Scientific).
 10. Z. Yousaf, K. Bamba B. Almutairi, S. Khan and **M. Z. Bhatti**: *Role of Complexity on the Minimal Deformation of Black Holes,*
Classical and Quantum Gravity, 41(2024)175001 (IOP, UK).
 11. Z. Yousaf, B. Almutairi, **M.Z. Bhatti**, A. Farhat and A. S. Khan: *Shear-free Inhomogeneous Energy Density in 4D Einstein-Gauss-Bonnet Spherical Systems,*
Physica Scripta, 99(2024)085305 (IOP, UK).
 12. Z. Yousaf, **M.Z. Bhatti**, and A. Farhat: *Causes of Energy Density Inhomogeneity in Energy Momentum Squared Gravity,*
Gravitation & Cosmology, 30(2024)353 (Springer).
 13. A. Malik, A. Almas, T. Naz, R. Manzoor and **M.Z. Bhatti**: *Detailed Analysis of Relativistic Configuration of Bardeen Anisotropic Spheres in Modified $f(G)$ Gravity,*
Communications in Theoretical Physics, 76(2024)065005 (IOP, UK).
 14. A. Malik, A. Shafaq, T. Naz, M. F. Shamir and **M.Z. Bhatti**: *Stability Analysis of Isotropic Compact Stars in $f(R, T)$ Gravity Utilizing Cracking Technique,*
Chinese Journal of Physics, 90(2024)1101 (Elsevier).
 15. Z. Yousaf, A. Adeel, S. Khan and **M.Z. Bhatti**: *Generating Fuzzy Dark Matter Droplets,*
Chinese Journal of Physics, 88(2024)406 (Springer).
 16. Abeer M. Albalahi, A. Ali, **M.Z. Bhatti** and S. Khan: *Electromagnetic Field on the Complexity of Minimally Deformed Compact Stars,*
European Physical Journal C, 84(2024)293 (Springer).
 17. **M.Z. Bhatti**, N. B. Turki, S. Hanif and A. Malik: *Axially Symmetric Relativistic Structures and the Riemann Curvature Tensor,*
Indian Journal of Physics, Accepted for Publications (Springer).
 18. **M.Z. Bhatti**, N. B. Turki, S. Hanif and A. Malik: *Energy Density Inhomogeneities with Self-gravitating Charged Fluid in Modified Teleparallel Gravity,*
International Journal of Geometric Methods in Modern Physics, 21(2024)2450171 (World Scientific).
 19. Z. Yousaf, K. Bamba, **M.Z. Bhatti** and U. Farwa: *Quasi-static evolution of axially and reflection symmetric large-scale configuration,*
International Journal of Geometric Methods in Modern Physics, 21(2024)2430005 (World Scientific).
 20. A. Rehman, **M.Z. Bhatti** and Z. Yousaf: *Dynamically Charged Spheres and their Stability*

- in Einstein-Gauss-Bonnet Gravity,*
Fortschritte der Physik - Progress of Physics, **72**(2024)2300247 (**Wiley-VCH Verlag**).
21. S. Hanif and **M.Z. Bhatti**: *Analysis of Complexity on the Anisotropic Charged Fluid in Modified Teleparallel Gravity,*
Chinese Journal of Physics, **87**(2024)1 (**Elsevier**).
 22. **M.Z. Bhatti**, M. Yousaf and Z. Yousaf: *Construction of thin-shell wormhole models in the geometric representation of $f(R, T)$ gravity,*
New Astronomy, **106**(2024)102132 (**Elsevier**).
 23. **M.Z. Bhatti**, Z. Yousaf and M. Yousaf: *Black String Thin-Shell Wormhole Models Supported with Generalized Chaplygin Gas,*
General Relativity and Gravitation **56**(2024)3 (**Springer**).
 24. Z. Yousaf, **M.Z. Bhatti**, T. Ganesan and H. Aman: *$f(G, T)$ and its Cosmological Implications,*
Canadian Journal of Physics, **102**(2024)221 (**NRC Research Press**).
 25. **M.Z. Bhatti**, M. Ajmal, B. Almutairi and A. S. Khan: *Gravastars in $f(G, T^2)$ Gravity,*
Indian Journal of Physics, **98**(2024)1901 (**Springer**).
 26. Z. Yousaf, **M.Z. Bhatti** and U. Farwa: *Quasi-Static Analysis of Axially Symmetric Radiating System in $f(R)$ Gravity,*
Indian Journal of Physics, **98**(2024)2591 (**Springer**).
 27. K. Bamba, **M.Z. Bhatti**, Z. Yousaf and Z. Shoukat: *Gravitational decoupling of anisotropic stars in the Brans-Dicke theory,*
European Physical Journal C **83**(2023)1033 (**Springer**).
 28. **M.Z. Bhatti**, Z. Yousaf and M. Yousaf: *Thin-Shell Wormholes and Modified Chaplygin Gas with Relativistic Corrections,*
Communications in Theoretical Physics, **75**(2023)125401 (**IOP, UK**).
 29. Z. Yousaf, **M.Z. Bhatti** and H. Asad: *Analytical Models of Hyperbolic Gravitational Sources,*
International Journal of Modern Physics D, **32**(2023)2350089 (**World Scientific**).
 30. M. Yousaf, **M.Z. Bhatti**, and Z. Yousaf: *Cylindrical Wormholes and Electromagnetic Field,*
Nuclear Physics B **995**(2023)116328 (**Elsevier**).
 31. **M.Z. Bhatti**, Z. Yousaf and I. Sabir: *Expansion free Spherical Anisotropic Solutions,*
International Journal of Modern Physics D, **32**(2023)2350082 (**World Scientific**).
 32. K. Bamba, Z. Yousaf, **M.Z. Bhatti**, R. Nazer and Y. Hashimoto: *Collapsing Dynamics of Relativistic Fluid in Modified Gravity Admitting a Conformal Killing Vector,*
European Physical Journal C, **83**(2023)739 (**Springer**).
 33. **M.Z. Bhatti**, S. Ijaz, B. Almutairi and A.S. Khan: *Analytical Solutions of Spherical Structures with Relativistic Corrections,*
European Physical Journal C, **83**(2023)724 (**Springer**).

34. M. Ajmal and **M.Z. Bhatti**: *Structure Analysis of the Charged Compact Anisotropic Systems*,
International Journal of Geometric Methods in Modern Physics, **20**(2023)2450017 (**World Scientific**).
35. **M.Z. Bhatti**, Z. Yousaf and M. Nazeer: *Thin-Shell Wormholes with Electromagnetic Effects in $f(R, T)$ Gravity*,
International Journal of Geometric Methods in Modern Physics, **20**(2023)2450001 (**World Scientific**).
36. M. Ajmal and **M.Z. Bhatti**: *Stellar anisotropic cluster in $f(R, G)$ gravity*,
Canadian Journal of Physics, **101**(2023)728 (**NRC Research Press**).
37. **M.Z. Bhatti**, Z. Yousaf and M. Yousaf: *Dynamical analysis of charged spherical star in $R-\beta R_{\{c\}} \tanh\left(\frac{R}{R_{\{c\}}}\right) + \lambda RT$ gravity*,
Gravitation & Cosmology, **29**(2023)486 (**Springer**).
38. Z. Yousaf, **M.Z. Bhatti**, H. Aman and A. Malik: *Bouncing Cosmology with 4D-EGB Gravity*,
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39. **M.Z. Bhatti**, Z. Yousaf and M. Yousaf: *Stability Analysis of Axial Geometry with Anisotropic Background in $f(R, T)$ Gravity*,
Modern Physics Letters A, **38**(2023)2350067 (**World Scientific**).
40. F. Maqsood, Z. Yousaf, **M.Z. Bhatti** and S. Rehman: *Analysis of Isotropic Pressure Condition in Chameleonic Brans-Dicke Gravity*,
International Journal of Modern Physics D, **32**(2023)2350055 (**World Scientific**).
41. Z. Yousaf, **M.Z. Bhatti** and U. Farwa: *Role of Strong Matter-Field Coupling on Axial Complex Systems*,
Fortschritte der Physik - Progress of Physics **71**(2023)2300013 (**Wiley-VCH Verlag**).
42. Z. Yousaf, **M. Z. Bhatti**, S. Khan, A. Malik, Haifa I. Alrebdi, Abdel-Haleem Abdel-Aty: *Stability of Anisotropy Pressure in Self-gravitational Systems in $f(G)$ Gravity*,
Axioms, **12**(2023)257 (**MDPI**).
43. Z. Yousaf, **M.Z. Bhatti** and U. Farwa: *Complexity Factor of Static Axial Complex Structures in $f(R, T)$ Gravity*,
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44. **M.Z. Bhatti**, Z. Yousaf and Z. Tariq: *Dynamics of Charged Hyperbolically Symmetric Matter in Modified Gravity*,
Classical and Quantum Gravity, **40**(2023)065011 (**IOP, UK**).
45. Z. Yousaf, **M.Z. Bhatti**, H. Aman and P.K. Sahoo: *Non-Singular Bouncing Model in Energy Momentum Squared Gravity*,
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46. Z. Yousaf, **M.Z. Bhatti**, S. Rehman, K. Bamba: *Dynamics of Self-gravitating Systems in Non-Linearly Magnetized Chameleonic Brans-Dicke Gravity*,

- General Relativity and Gravitation*, **55**(2023)31 (**Springer**).
47. Z. Yousaf, **M.Z. Bhatti** and M.M.M. Nasir: *Complexity of Charged Anisotropic Spherically Symmetric Fluids in $f(G)$ Gravity*,
Communications in Theoretical Physics, **75**(2023)035401 (**IOP, UK**).
48. **M.Z. Bhatti**, M. Yousaf and Z. Yousaf: *Novel Junction Conditions in $f(G,T)$ Modified Gravity*,
General Relativity and Gravitation, **55**(2023)16 (**Springer**).
49. **M.Z. Bhatti**, Z. Yousaf and M. Nazir: *Static Cylindrically Symmetric Wormhole Models in $f(R,T)$ Gravity*,
New Astronomy, **98**(2023)101897 (**Elsevier**).
50. Z. Yousaf, A. M. Galal, **M.Z. Bhatti** and A. Farhat: *Sources of Irregular Energy Density in Energy Momentum Squared Gravity with Charge*,
New Astronomy, **98**(2023)101930 (**Elsevier**).
51. **M.Z. Bhatti**, Z. Yousaf and M. Salman: *Quasi-Homologous Evolution of Celestial Objects in $f(T)$ Gravity*,
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52. **M.Z. Bhatti**, Z. Yousaf and Z. Tariq: *Dynamics of Axial Geometry in Palatini $f(R)$ Gravity*,
International Journal of Geometric Methods in Modern Physics, **20**(2023)2350001 (**World Scientific**).
53. U. Sheikh, Y. Aziz, **M.Z. Bhatti** and R. Pincak: *On Evolution of Compact Stars from String Fluid in Rastall Gravity*,
International Journal of Geometric Methods in Modern Physics, **20**(2023)2350058 (**World Scientific**).
54. M.M.M. Nasir, Z. Yousaf and **M.Z. Bhatti**: *Influence of EMSG on Complex Systems: Spherically Symmetric, Static case*,
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55. Z. Yousaf, **M.Z. Bhatti** and S. Rehman: *Self-gravitating Spherically Symmetric Systems with Q_h Condition in Chameleonic Brans-Dicke Gravity*,
Zeitschrift für Naturforschung A, **78**(2023)161 (**De Gruyter**).
56. **M.Z. Bhatti**, Z. Yousaf and A. Rehman: *Cylindrical Gravastars Coupled with an Isotropic Matter in Modified Gravity*,
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57. Z. Yousaf, **M.Z. Bhatti** and A. Farhat: *Causes of Energy Density Inhomogenisation with $f(G)$ Formalism*,
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58. Z. Yousaf, **M.Z. Bhatti** and A. Farhat: *Existence of Energy Density Homogeneity for Radiating Spheres in $f(G,T)$ Gravity*,
Canadian Journal of Physics **101**(2023)76 (**NRC Research Press**).

59. **M.Z. Bhatti**, Z. Yousaf and A. Rehman: *Horizon Thermodynamics in $f(R,G)$ Gravity*, *Fortschritte der Physik - Progress of Physics* **71**(2023)2200113 (**Wiley-VCH Verlag**).
60. Z. Yousaf, **M.Z. Bhatti** and S. Khan: *Analysis of Hyperbolically Symmetric Fluid Configurations in Modified Gauss-Bonnet Gravity*, *European Physical Journal C*, **82**(2022)1077 (**Springer**).
61. **M.Z. Bhatti**, Z. Yousaf and M. Yousaf: *Study of Nonstatic Anisotropic Axial Structures through Perturbation*, *International Journal of Modern Physics D*, **31**(2022)2250116 (**World Scientific**).
62. Z. Yousaf, **M.Z. Bhatti** and M. Rasheed: *Spherically Symmetric Wormholes in Minimal Coupled $f(R,T)$ Gravity*, *Physica Scripta*, **97**(2022)125306 (**IOP, UK**).
63. U. Farwa, Z. Yousaf and **M.Z. Bhatti**: *A Measure of Complexity for Axial Self-gravitating Static Fluids*, *Physics Scripta*, **97**(2022)105307 (**IOP, UK**).
64. **M.Z. Bhatti**, Z. Yousaf and S. Hanif: *A Novel Definition of Complexity in Torsion Based Theory*, *European Physical Journal C*, **82**(2022)714 (**Springer**).
65. **M.Z. Bhatti**, Z. Yousaf and A. Rehman: *Gravastars with Cylindrical Spacetime in $f(G,T)$ Gravity*, *Pramana- J. Phys.*, **96**(2022)224 (**Springer**).
66. Z. Yousaf, **M.Z. Bhatti** and S. Khan: *Stability Analysis of Isotropic Spheres in Einstein Gauss-Bonnet Gravity*, *Annalen der Physik*, **534**(2022)2200252 (**Wiley**).
67. Z. Yousaf, **M.Z. Bhatti** and H. Aman: *Cosmic Bounce with Power Law $f(G,T)$ Model*, *International Journal of Geometric Methods in Modern Physics*, **19**(2022)2250206 (**World Scientific**).
68. M.Z. Bani-Fwaz, **M.Z. Bhatti**, Z. Yousaf, U. Farwa and A.M. Galal: *Study of Generalized Lemaitre-Tolman-Bondi Spacetime in Palatini $f(R)$ Gravity*, *European Physical Journal C*, **82**(2022)631 (**Springer**).
69. Z. Yousaf, **M.Z. Bhatti** and S. Khan: *Analysis of Charged Self-gravitational Complex Structures Evolving Quasi-Homologously*, *International Journal of Modern Physics D*, **31**(2022)2250099 (**World Scientific**).
70. Z. Yousaf, **M.Z. Bhatti** and H. Aman: *The Bouncing Cosmic Behavior with Logarithmic Law $f(G,T)$ Model*, *Chinese Journal of Physics*, **79**(2022)275 (**Elsevier**).
71. Z. Yousaf, **M.Z. Bhatti** and U. Farwa: *Dissipative Collapse of Cosmic Structures in Modified Gravity*, *Chinese Journal of Physics*, **78**(2022)363 (**Elsevier**).

72. Z. Yousaf, G. G. L. Nashed, **M.Z. Bhatti** and H. Asad: *Significance of Charge on the Dynamics of Hyperbolically Distributed Fluids, Universe*, **8**(2022)337 (**MDPI**).
73. Z. Yousaf, **M.Z. Bhatti** and A. Farhat: *Various Phases of Irregular Energy Density in Charged Spheres, Annals of Physics*, **422**(2022)168935 (**Elsevier**).
74. Z. Yousaf, **M.Z. Bhatti** and H. Aman: *Cosmic Bounce with $\alpha(e^{-\beta G} - 1) + 2\lambda T$ Model, Physica Scripta*, **97**(2022)055306 (**IOP, UK**).
75. **M.Z. Bhatti**, Z. Yousaf and S. Hanif: *Electromagnetic Influence on Hyperbolically Symmetric Sources in $f(T)$ Gravity, European Physical Journal C*, **82**(2022)340 (**Springer**).
76. Z. Yousaf, **M.Z. Bhatti**, S. Khan and P.K. Sahoo: *$f(G, T_{\alpha\beta} T^{\alpha\beta})$ Theory and Complex Cosmological Structure, Physics of the Dark Universe* **36**(2022)101015 (**Elsevier**).
77. Z. Yousaf, **M.Z. Bhatti** and H. Asad: *Consequences of Electric Charge on Anisotropic Hyperbolically Symmetric Static Spacetime, Physica Scripta*, **97**(2022)055304 (**IOP, UK**).
78. **M.Z. Bhatti**, Z. Yousaf and M. Yousaf: *Effects of Non-Minimally Coupled $f(R, T)$ Gravity on the Stability of a Self-gravitating Spherically Symmetric Fluid, International Journal of Geometric Methods in Modern Physics*, **19**(2022)2250120 (**World Scientific**).
79. **M.Z. Bhatti**, Z. Yousaf and M. Yousaf: *Stability Analysis of Restricted Non-Static Axial Geometry in $f(R, T)$ Gravity, Chinese Journal of Physics*, **77**(2022)2617 (**Elsevier**).
80. **M.Z. Bhatti**, Z. Yousaf and A. Rehman: *Cylindrical Gravastar Like-Structures in $f(G)$ Gravity, Galaxies*, **10**(2022)40 (**MDPI**).
81. Z. Yousaf, **M.Z. Bhatti** and S. Khan: *Non-Static Charged Complex Structures in $f(G, T^2)$ Gravity, European Physical Journal Plus*, **137**(2022)322 (**Springer**).
82. Z. Yousaf, K. Bamba and **M.Z. Bhatti**: *Structure Scalars and an Extensions to LTB Metric, International Journal of Modern Physics D*, **31**(2022)2250043 (**World Scientific**).
83. Z. Yousaf, **M. Z. Bhatti** and H. Asad: *Matter-Curvature Gravity Modification and the Formation of Cylindrical Isotropic Systems, Pramana*, **96**(2022)111 (**Springer**).
84. **M.Z. Bhatti**, Z. Yousaf and S. Khan: *Quasi-homologous Evolution of Relativistic Charged Objects Within $f(G, T)$ Gravity, Chinese Journal of Physics*, **77**(2022)2168 (**Elsevier**).

85. M. Sharif, **M.Z. Bhatti**, F. De Paolis and G.J. Olmo: *Preface 4th PU International Conference on Gravitation and Cosmology*, *International Journal of Modern Physics D*, **31**(2022)2202004 (**World Scientific**).
86. **M.Z. Bhatti**, Z. Yousaf, M. Yousaf and K. Bamba: *Dynamical Analysis of Charged Fluid under Non-Minimally Coupled Gravity Theory*, *International Journal of Modern Physics D*, **31**(2022)2240002 (**World Scientific**).
87. F. Maqsood, Z. Yousaf and **M.Z. Bhatti** and Z. Rasool: *Electromagnetic Field and Spherically Symmetric Dissipative Fluid Models*, *Pramana*, **96**(2022)105 (**Springer**).
88. Z. Yousaf, **M. Z. Bhatti**, M. Y. Kholopv and H. Asad: *A Comprehensive Analysis of Hyperbolic Fluids in Modified Gravity*, *Entropy*, **24**(2022)150 (**MDPI**).
89. Z. Yousaf, **M.Z. Bhatti** and M.M.M. Nasir: *On the Study of Complexity for Charged Self-Gravitating Systems*, *Chinese Journal of Physics*, **77**(2022)2078 (**Elsevier**).
90. Z. Yousaf, **M. Z. Bhatti** and H. Asad: *Electromagnetic Effects on Cylindrical Gravastars-Like Strings in $f(R, T, R_{\{\sigma\lambda\}} T^{\{\sigma\lambda\}})$ Gravity*, *International Journal of Geometric Methods in Modern Physics*, **19**(2022)2250070 (**World Scientific**).
91. Z. Yousaf, **M. Z. Bhatti** and H. Asad: *Hyperbolically Symmetric Sources in $f(R, T)$ Gravity*, *Annals of Physics*, **437**(2022)168753 (**Elsevier**).
92. **M.Z. Bhatti**, Z. Yousaf and S. Hanif: *Hyperbolically Symmetric Sources, A Comprehensive Study in $f(T)$ gravity*, *European Physical Journal Plus*, **137**(2022)65 (**Springer**).
93. Z. Yousaf, **M.Z. Bhatti** and M.M.M. Nasir: *Role of $f(G)$ Gravity in the Study of Non-Static Complex Systems*, *Canadian Journal of Physics*, **100**(2022)185 (**NRC Research Press**).
94. Z. Yousaf, **M.Z. Bhatti** and U. Farwa: *Evolution of Axially and Reflection Symmetric Source in Energy Momentum Squared Gravity*, *European Physical Journal Plus*, **137**(2022)49 (**Springer**).
95. Z. Yousaf, K. Bamba, **M.Z. Bhatti** and U. Farwa: *Quasi Static Evolution of Compact Objects in Modified Gravity*, *General Relativity and Gravitation*, **54**(2022)7 (**Springer**).
96. Z. Yousaf, M. Y. Kholopv, **M. Z. Bhatti** and H. Asad: *Hyperbolically Symmetric Static Charged Cosmological Fluid Models*, *Monthly Notices of the Royal Astronomical Society*, **510**(2022)4100 (**Oxford University Press**).
97. Z. Yousaf, **M.Z. Bhatti** and U. Farwa: *Quasi-static Approximation in the Study of Compact*

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 99. **M.Z. Bhatti**, Z. Yousaf and A. Rehman: *Analysis of Charged Gravastar in $f(R,G)$ Gravity*,
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 103. **M.Z. Bhatti**, Z. Yousaf and F. Hussain: *Generalized Lemaitre-Tolman-Bondi Spacetime under the Influence of Electric Charge and Palatini $f(R)$ Gravity*,
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 106. **M.Z. Bhatti**, Z. Yousaf and Z. Tariq: *Influence of Electromagnetic Field on Hyperbolically Symmetric Source*,
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Monthly Notices of the Royal Astronomical Society, **506**(2021)4543 (**Oxford University Press**).

111. **M.Z. Bhatti**, Z. Yousaf and S. Khan: *Influence of $f(G)$ Gravity on the Complexity of Relativistic Self-Gravitating Fluids*, *International Journal of Modern Physics D*, **30**(2021)2150097 (**World Scientific**).
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