

# Saibal Ray

## List of Publications by Year in descending order

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Version: 2024-02-01

163  
papers

6,085  
citations

50244

46  
h-index

85498

71  
g-index

166  
all docs

166  
docs citations

166  
times ranked

1201  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Charged anisotropic matter with linear or nonlinear equation of state. Physical Review D, 2010, 82, .   | 1.6 | 198       |
| 2  | Product Differentiation and Capacity Cost Interaction in Time and Price Sensitive Markets. Manufacturing and Service Operations Management, 2003, 5, 18-36.   | 2.3 | 182       |
| 3  | Customer lead time management when both demand and price are lead time sensitive. European Journal of Operational Research, 2004, 153, 769-781.               | 3.5 | 181       |
| 4  | Strange stars in Krora Barua space-time. European Physical Journal C, 2012, 72, 1.  | 1.4 | 172       |
| 5  | Optimal pricing and inventory control policy in periodic-review systems with fixed ordering cost and lost sales. Naval Research Logistics, 2006, 53, 117-136. | 1.4 | 151       |
| 6  | Singularity-free solutions for anisotropic charged fluids with Chaplygin equation of state. Physical Review D, 2010, 82, .                                    | 1.6 | 145       |
| 7  | Anisotropic models for compact stars. European Physical Journal C, 2015, 75, 1.   | 1.4 | 145       |
| 8  | ANISOTROPIC COMPACT STARS WITH VARIABLE COSMOLOGICAL CONSTANT. International Journal of Modern Physics D, 2012, 21, 1250088.                                  | 0.9 | 143       |
| 9  | Anisotropic strange star with de Sitter spacetime. European Physical Journal C, 2012, 72, 1.  | 1.4 | 138       |
| 10 | Singularity-free dark energy star. General Relativity and Gravitation, 2012, 44, 107-124.   | 0.7 | 135       |
| 11 | Compact stars in $f(R, \mathcal{T})$ gravity. European Physical Journal C, 2016, 76, 1.   | 1.4 | 126       |
| 12 | Gravastars in $f(R, \mathcal{T})$ gravity. European Physical Journal C, 2016, 76, 1.<br>Review D, 2017, 95, .   | 1.4 | 126       |
| 13 | Generalised model for anisotropic compact stars. European Physical Journal C, 2016, 76, 1.  | 1.4 | 120       |
| 14 | Relativistic model for anisotropic strange stars. Annals of Physics, 2017, 387, 239-252.  | 1.0 | 113       |
| 15 | Spherically symmetric charged compact stars. European Physical Journal C, 2015, 75, 1.  | 1.4 | 111       |
| 16 | Charged gravastars admitting conformal motion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 388-392.          | 1.5 | 109       |
| 17 | Possible existence of wormholes in the galactic halo region. European Physical Journal C, 2014, 74, 1.  | 1.4 | 106       |
| 18 | A new model for spherically symmetric anisotropic compact star. European Physical Journal C, 2016, 76, 1.   | 1.4 | 105       |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Exploring physical features of anisotropic strange stars beyond standard maximum mass limit in $f(R, T)$ gravity. Monthly Notices of the Royal Astronomical Society, 2019, 485, 5652-5665. | 1.6 | 95        |
| 20 | Dark Energy Models with Variable Equation of State Parameter. International Journal of Theoretical Physics, 2011, 50, 871-881.   | 0.5 | 92        |
| 21 | Strange stars in $f(R, T)$ gravity. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 044-044.   | 1.9 | 87        |
| 22 | Searching for higher-dimensional wormholes with noncommutative geometry. Physical Review D, 2012, 86, .  | 1.6 | 85        |
| 23 | A comparison of Hořava-Lifshitz gravity and Einstein gravity through thin-shell wormhole construction. Classical and Quantum Gravity, 2011, 28, 155021.                                    | 1.5 | 83        |
| 24 | Anisotropic strange stars under simplest minimal matter-geometry coupling in the $f(R, T)$ gravity. International Journal of Theoretical Physics, 2011, 50, 871-881.                       |     |           |
| 25 | Central density dependent anisotropic compact stars. European Physical Journal C, 2013, 73, 1.   | 1.4 | 69        |
| 26 | All spherically symmetric charged anisotropic solutions for compact stars. European Physical Journal C, 2017, 77, 1.   | 1.4 | 69        |
| 27 | Sustainable supply chain management. International Journal of Production Economics, 2008, 111, 193-194.  | 5.1 | 65        |
| 28 | The $f(R, T)$ gravity. International Journal of Theoretical Physics, 2011, 50, 871-881.  |     |           |
| 29 | Possibility of higher-dimensional anisotropic compact star. European Physical Journal C, 2015, 75, 1.  | 1.4 | 65        |
| 30 | Shipping Fees or Shipping Free? A Tale of Two Price Partitioning Strategies in Online Retailing. Production and Operations Management, 2013, 22, 758-776.                                  | 2.1 | 64        |
| 31 | A new model for spherically symmetric charged compact stars of embedding class 1. European Physical Journal C, 2017, 77, 1.  | 1.4 | 64        |
| 32 | Anisotropic strange star with Tolman-Kuchowicz metric under $f(R, T)$ gravity. European Physical Journal C, 2020, 80, 1.   | 1.4 | 63        |
| 33 | The dark energy equation of state. Monthly Notices of the Royal Astronomical Society: Letters, 2008, 386, L92-L95.   | 1.2 | 61        |
| 34 | Anisotropic strange stars in Tolman-Kuchowicz spacetime. European Physical Journal C, 2018, 78, 1.   | 1.4 | 59        |
| 35 | Thin-shell wormholes from charged black holes in generalized dilaton-axion gravity. General Relativity and Gravitation, 2010, 42, 2901-2912.   | 0.7 | 58        |
| 36 | Wormhole inspired by non-commutative geometry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 746, 73-78.   | 1.5 | 58        |

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|----|--|-----|-----------|
| 37 | Decoupling gravitational sources in $f(R, T)$ gravity under class I spacetime. Physics of the Dark Universe, 2021, 31, 100753.                                       | 1.8 | 55        |
| 38 | The Impact of Capacity Costs on Product Differentiation in Delivery Time, Delivery Reliability, and Price. Production and Operations Management, 2006, 15, 179-197.  | 2.1 | 54        |
| 39 | The $T_j$ ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 gravastars. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 319-322. | 1.5 | 54        |
| 40 | Relativistic compact stars in $f(R, T)$ gravity admitting conformal motion. Astrophysics and Space Science, 2015, 358, 1.  | 0.5 | 53        |
| 41 | Anisotropic stars with non-static conformal symmetry. Astrophysics and Space Science, 2016, 361, 1.  | 0.5 | 53        |
| 42 | Charged gravastars in higher dimensions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 380-385.                       | 1.5 | 52        |
| 43 | DARK ENERGY MODELS WITH A TIME-DEPENDENT GRAVITATIONAL CONSTANT. International Journal of Modern Physics D, 2007, 16, 1791-1802.                                     | 0.9 | 50        |
| 44 | Strange stars in Krora's Barua spacetime under $f(R, T)$ gravity. Annals of Physics, 2019, 401, 1-20.  | 1.0 | 50        |
| 45 | Anisotropic strange stars in the Einstein-Maxwell spacetime. European Physical Journal C, 2018, 78, 1.   | 1.4 | 49        |
| 46 | Study on charged strange stars in $f(R, T)$ gravity. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 070-070.  | 1.9 | 47        |
| 47 | The Finslerian wormhole models. European Physical Journal C, 2016, 76, 1.  | 1.4 | 45        |
| 48 | Constraining values of bag constant for strange star candidates. International Journal of Modern Physics D, 2019, 28, 1941006.                                       | 0.9 | 45        |
| 49 | Coordination of quantity and shelf-retention timing in the video movie rental industry. IIE Transactions, 2006, 38, 525-536.   | 2.1 | 44        |
| 50 | Possible existence of wormholes in the central regions of halos. Annals of Physics, 2014, 350, 561-567.  | 1.0 | 44        |
| 51 | DARK ENERGY WITH POLYTROPIC EQUATION-OF-STATE. Modern Physics Letters A, 2008, 23, 3187-3198.  | 0.5 | 37        |
| 52 | Features of galactic halo in a brane world model and observational constraints. Monthly Notices of the Royal Astronomical Society, 2009, 399, 2079-2087.             | 1.6 | 37        |
| 53 | BTZ black holes inspired by noncommutative geometry. Physical Review D, 2013, 87, .  | 1.6 | 37        |
| 54 | The Higher Dimensional Gravastars. International Journal of Theoretical Physics, 2015, 54, 50-61.  | 0.5 | 36        |

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|----|--|-----|-----------|
| 55 | Gravastars with higher dimensional spacetimes. <i>Annals of Physics</i> , 2018, 394, 230-243.  | 1.0 | 36        |
| 56 | Gravastars in $f(r)$ gravity. <i>International Journal of Modern Physics A</i> , 2020, 35, 2050017.  | 0.5 | 36        |
| 57 | A new model for strange stars. <i>General Relativity and Gravitation</i> , 2018, 50, 1.  | 0.7 | 35        |
| 58 | Study of gravastars under $f(r)$ gravity. <i>Nuclear Physics B</i> , 2020, 954, 114986.  | 0.9 | 33        |
| 59 | Tolman-Bayin type static charged fluid spheres in general relativity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 349, 1331-1334. | 1.6 | 32        |
| 60 | Noncommutative Geometry Inspired Wormholes With Conformal Motion. <i>International Journal of Theoretical Physics</i> , 2015, 54, 699-709.             | 0.5 | 32        |
| 61 | $\Lambda$ -CDM UNIVERSE: A PHENOMENOLOGICAL APPROACH WITH MANY POSSIBILITIES. <i>International Journal of Modern Physics D</i> , 2008, 17, 301-309.    | 0.9 | 31        |
| 62 | Variable Equation of State for Generalized Dark Energy Model. <i>International Journal of Theoretical Physics</i> , 2011, 50, 2687-2696.               | 0.5 | 30        |
| 63 | ISOTROPIC CASES OF STATIC CHARGED FLUID SPHERES IN GENERAL RELATIVITY. <i>International Journal of Modern Physics D</i> , 2011, 20, 1675-1687.         | 0.9 | 30        |
| 64 | Galactic rotation curves inspired by a noncommutative-geometry background. <i>General Relativity and Gravitation</i> , 2012, 44, 905-916.              | 0.7 | 29        |
| 65 | Relativistic electromagnetic mass models in spherically symmetric spacetime. <i>Astrophysics and Space Science</i> , 2016, 361, 1.                     | 0.5 | 29        |
| 66 | Relativistic strange stars in Tolman-Kuchowicz spacetime. <i>Annals of Physics</i> , 2019, 409, 167905.  | 1.0 | 28        |
| 67 | Gravastar: An alternative to black hole. <i>International Journal of Modern Physics D</i> , 2020, 29, 2030004.   | 0.9 | 28        |
| 68 | Study on Anisotropic Strange Stars in $f(r)$ gravity. <i>International Journal of Modern Physics A</i> , 2020, 35, 2050017.                            | 0.9 | 27        |
| 69 | Product differentiation and operations strategy in a capacitated environment. <i>European Journal of Operational Research</i> , 2011, 210, 716-728.    | 3.5 | 26        |
| 70 | Magnetized dark energy and the late time acceleration. <i>European Physical Journal Plus</i> , 2012, 127, 1.   | 1.2 | 26        |
| 71 | Gravastar in the framework of braneworld gravity. <i>Physical Review D</i> , 2020, 102, .  | 1.6 | 26        |
| 72 | Galactic rotation curves and brane-world models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 389, 27-33.                          | 1.6 | 25        |

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|----|--|-----|-----------|
| 73 | Could wormholes form in dark matter galactic halos?. Astrophysics and Space Science, 2016, 361, 1.   | 0.5 | 24        |
| 74 | Gravastars in $\Lambda$ -CDM Model: Possibility of Accelerating Universe with Positive Pressure. International Journal of Theoretical Physics, 2011, 50, 939-951.<br>dimensions admitting Karmarkar condition. Annals of Physics, 2019, 411, 167968. | 1.0 | 24        |
| 75 | Charged strange stellar model describing by Tolman V metric. Results in Physics, 2021, 20, 103648.   | 2.0 | 24        |
| 76 | Charged Static Fluid Spheres in General Relativity. Astrophysics and Space Science, 2002, 282, 635-644.  | 0.5 | 22        |
| 77 | Competitive price-matching guarantees under imperfect store availability. Quantitative Marketing and Economics, 2010, 8, 275-300.  | 0.7 | 22        |
| 78 | Phenomenology of $\Lambda$ -CDM Model: Possibility of Accelerating Universe with Positive Pressure. International Journal of Theoretical Physics, 2011, 50, 939-951.   | 0.5 | 21        |
| 79 | Wormhole solutions in $f(R)$ gravity. International Journal of Modern Physics D, 2021, 30, 2150061.  | 0.9 | 21        |
| 80 | Spherically-symmetric gravitational sources of purely electromagnetic origin. Astrophysics and Space Science, 1991, 180, 143-149.  | 0.5 | 19        |
| 81 | Gravitational sources of purely electromagnetic origin. Astrophysics and Space Science, 1991, 178, 119-132.  | 0.5 | 19        |
| 82 | Group Selling, Product Durability, and Consumer Behavior. Production and Operations Management, 2016, 25, 1942-1957.   | 2.1 | 19        |
| 83 | Bouncing universe models in an extended gravity theory. Chinese Journal of Physics, 2021, 71, 610-622.   | 2.0 | 19        |
| 84 | Spherically symmetric electromagnetic mass models with cosmological parameter ?. Astrophysics and Space Science, 1993, 203, 211-216.   | 0.5 | 18        |
| 85 | Static Spherical Charged Dust Electromagnetic Mass Models in Einstein-Cartan Theory. General Relativity and Gravitation, 1997, 29, 683-690.  | 0.7 | 18        |
| 86 | ELECTROMAGNETIC MASS IN $(n + 2)$ -DIMENSIONAL SPACE-TIME. International Journal of Modern Physics D, 2006, 15, 917-923.   | 0.9 | 18        |
| 87 | PHYSICAL PROPERTIES OF TOLMAN-BAYIN SOLUTIONS: SOME CASES OF STATIC CHARGED FLUID SPHERES IN GENERAL RELATIVITY. International Journal of Modern Physics D, 2007, 16, 1745-1759.   | 0.9 | 18        |
| 88 | OPTIMAL PROCUREMENT STRATEGY UNDER SUPPLY RISK. Asia-Pacific Journal of Operational Research, 2012, 29, 1240006.   | 0.9 | 18        |
| 89 | The Finslerian compact star model. European Physical Journal C, 2015, 75, 1.   | 1.4 | 18        |
| 90 | Cosmological models with variable anisotropic parameter in $f(R, \mathcal{A})$ gravity. Indian Journal of Physics, 2021, 95, 2245-2254.  | 0.9 | 18        |

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|-----|---|-----|-----------|
| 91  | Energy density in general relativity: a possible role for the cosmological constant. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 322, 150-155. | 0.9 | 17        |
| 92  | Do Solar System Tests Permit Higher Dimensional General Relativity?. International Journal of Theoretical Physics, 2009, 48, 3124-3138.                                       | 0.5 | 17        |
| 93  | A study of anisotropic compact stars based on embedding class 1 condition. International Journal of Modern Physics D, 2019, 28, 1950116.                                      | 0.9 | 17        |
| 94  | Anisotropic compact stars: Constraining model parameters to account for physical features of tidal Love numbers. Annals of Physics, 2021, 433, 168597.                        | 1.0 | 17        |
| 95  | Quark matter as dark matter in modeling galactic halo. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 131-135.                  | 1.5 | 16        |
| 96  | Anisotropic charged strange stars in Krori-Barua spacetime under $\xi$ gravity. Annals of Physics, 2021, 428, 168429.   | 1.0 | 16        |
| 97  | Static charged dust distributions: Sources of purely electromagnetic origin. Astrophysics and Space Science, 1996, 182, 105-110.  | 0.5 | 15        |
| 98  | A generalized model for compact stars. European Physical Journal C, 2016, 76, 1.  | 1.4 | 15        |
| 99  | Gravastars with Kuchowicz metric potential. Results in Physics, 2019, 14, 102473.   | 2.0 | 15        |
| 100 | Title is missing!. Astrophysics and Space Science, 2002, 280, 345-355.  | 0.5 | 14        |
| 101 | Static charged fluid in $(2 + 1)$ -dimensions admitting conformal Killing vectors. International Journal of Modern Physics D, 2014, 23, 1450042.                              | 0.9 | 14        |
| 102 | Anisotropic strange star inspired by Finsler geometry. International Journal of Modern Physics D, 2020, 29, 2050001.  | 0.9 | 14        |
| 103 | Quality Disclosure Strategy under Customer Learning Opportunities. Production and Operations Management, 2021, 30, 1136-1153.   | 2.1 | 14        |
| 104 | Non-isothermal decomposition kinetics of nano-scale CaCO <sub>3</sub> as a function of particle size variation. Ceramics International, 2021, 47, 858-864.                    | 2.3 | 14        |
| 105 | Cosmological models with a hybrid scale factor. International Journal of Modern Physics D, 2021, 30, .  | 0.9 | 14        |
| 106 | Traversable wormhole models in $f(R)$ gravity. International Journal of Modern Physics A, 2022, 37, .   | 0.5 | 14        |
| 107 | Anisotropic stars in modified gravity: An extended gravitational decoupling approach*. Chinese Physics C, 2022, 46, 105105.   | 1.5 | 14        |
| 108 | Fluid sphere: Stability problem and dimensional constraint. International Journal of Modern Physics D, 2015, 24, 1550049.   | 0.9 | 13        |

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|-----|--|-----|-----------|
| 109 | The effectiveness of investment in lead time reduction for a make-to-stock product. IIE Transactions, 2004, 36, 333-344.   | 2.1 | 12        |
| 110 | A generalized family of anisotropic compact object in general relativity. Annals of Physics, 2018, 395, 152-169.   | 1.0 | 12        |
| 111 | Traversable wormhole on the brane with non-exotic matter: a broader view. Classical and Quantum Gravity, 2022, 39, 105004.                                       | 1.5 | 12        |
| 112 | A class of axially-symmetric electromagnetic mass models. Astrophysics and Space Science, 1993, 199, 333-337.  | 0.5 | 11        |
| 113 | Charged anisotropic strange stars in Finslerian geometry. European Physical Journal C, 2019, 79, 1.  | 1.4 | 11        |
| 114 | Cosmological models with squared trace in modified gravity. International Journal of Modern Physics D, 2020, 29, 2050100.  | 0.9 | 11        |
| 115 | Scenario of Inflationary Cosmology from the Phenomenological $\hat{\rho}$ Models. International Journal of Theoretical Physics, 2009, 48, 2499-2510.             | 0.5 | 10        |
| 116 | Higher Dimensional Dark Energy Investigation with Variable $\hat{\rho}$ and G. International Journal of Theoretical Physics, 2010, 49, 1622-1627.                | 0.5 | 10        |
| 117 | DARK ENERGY MODELS WITH VARIABLE EQUATION OF STATE PARAMETER. International Journal of Modern Physics D, 2010, 19, 475-487.                                      | 0.9 | 10        |
| 118 | Dirac's large number hypothesis: A journey from concept to implication. International Journal of Modern Physics D, 2019, 28, 1930014.                            | 0.9 | 10        |
| 119 | Anisotropic stars in Brans-Dicke gravity. Chinese Journal of Physics, 2021, 71, 548-560.   | 2.0 | 10        |
| 120 | Joint procurement and demand-side bidding strategies under price volatility. Annals of Operations Research, 2017, 257, 121-165.                                  | 2.6 | 9         |
| 121 | Relativistic charged stellar model of the Pant interior solution via gravitational decoupling and Karmarkar conditions. Modern Physics Letters A, 2022, 37, .    | 0.5 | 9         |
| 122 | CLASSICAL ELECTRON MODEL WITH NEGATIVE ENERGY DENSITY IN EINSTEIN'S "CARTAN THEORY OF GRAVITATION. International Journal of Modern Physics D, 2004, 13, 555-565. | 0.9 | 8         |
| 123 | Wormholes supported by two non-interacting fluids. Astrophysics and Space Science, 2013, 346, 245-252.   | 0.5 | 8         |
| 124 | Inflation in anisotropic brane universe using tachyon field. International Journal of Modern Physics D, 2019, 28, 1941010.                                       | 0.9 | 8         |
| 125 | Retail power in distribution channels: A double-edged sword for upstream suppliers. Production and Operations Management, 2022, 31, 2681-2694.                   | 2.1 | 8         |
| 126 | Possible features of galactic halo with electric field and observational constraints. General Relativity and Gravitation, 2014, 46, 1.                           | 0.7 | 7         |



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|-----|---|-----|-----------|
| 127 | Compact star in pseudo-spheroidal spacetime. <i>Astrophysics and Space Science</i> , 2017, 362, 1.  | 0.5 | 7         |
| 128 | A generalized form of the Raychaudhuri equation. <i>International Journal of Modern Physics D</i> , 2021, 30, .   | 0.9 | 7         |
| 129 | Anisotropic compact star with a linear pressure–density relationship. <i>International Journal of Modern Physics D</i> , 2022, 31, .                        | 0.9 | 7         |
| 130 | GENERALIZED MODEL FOR $\hat{\rho}$ DARK ENERGY. <i>International Journal of Modern Physics D</i> , 2009, 18, 389-396.                                       | 0.9 | 6         |
| 131 | Five Dimensional Cosmological Models in General Relativity. <i>International Journal of Theoretical Physics</i> , 2010, 49, 2348-2357.                      | 0.5 | 6         |
| 132 | Time Variable $\hat{\rho}$ and the Accelerating Universe. <i>International Journal of Theoretical Physics</i> , 2011, 50, 752-759.                          | 0.5 | 6         |
| 133 | A study on charged compact stars. <i>International Journal of Modern Physics D</i> , 2019, 28, 1950053.   | 0.9 | 6         |
| 134 | Scenario of Accelerating Universe: Role of Phenomenological $\hat{\rho}$ Models. <i>International Journal of Theoretical Physics</i> , 2013, 52, 4524-4536. | 0.5 | 5         |
| 135 | A Dark Energy Model in Kaluza-Klein Cosmology. <i>International Journal of Theoretical Physics</i> , 2016, 55, 388-395.                                     | 0.5 | 5         |
| 136 | Anisotropic strange star with Tolman V potential. <i>International Journal of Modern Physics D</i> , 2018, 27, 1850089.                                     | 0.9 | 5         |
| 137 | Compact stellar models in modified gravity. <i>International Journal of Modern Physics D</i> , 2021, 30, .  | 0.9 | 5         |
| 138 | Relativistic anisotropic charged fluid spheres with varying cosmological constant. <i>Astrophysics and Space Science</i> , 2008, 315, 341-346.              | 0.5 | 4         |
| 139 | SCENARIOS OF COSMIC STRING WITH A VARIABLE COSMOLOGICAL CONSTANT. <i>International Journal of Modern Physics D</i> , 2009, 18, 781-795.                     | 0.9 | 4         |
| 140 | Oscillatory Universe, dark energy and general relativity. <i>Astrophysics and Space Science</i> , 2013, 345, 367-371.                                       | 0.5 | 4         |
| 141 | Solar system tests in constraining parameters of dyon black holes. <i>European Physical Journal C</i> , 2018, 78, 1.  | 1.4 | 4         |
| 142 | Study of charged compact stars with class 1 metric under general relativity. <i>Canadian Journal of Physics</i> , 2019, 97, 1323-1331.                      | 0.4 | 4         |
| 143 | Modified Chaplygin gas in anisotropic universes on the brane. <i>International Journal of Modern Physics D</i> , 2021, 30, .                                | 0.9 | 4         |
| 144 | Relativistic Electromagnetic Mass Models: Charged Dust Distribution in Higher Dimensions. <i>Astrophysics and Space Science</i> , 2006, 302, 153-156.       | 0.5 | 3         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 145 | Neutron star under homotopy perturbation method. Annals of Physics, 2019, 409, 167918.  | 1.0 | 3         |
| 146 | Charged perfect fluid sphere in higher-dimensional spacetime. Indian Journal of Physics, 2020, 94, 1679-1690.   | 0.9 | 3         |
| 147 | Revisiting Primordial Black Hole Evolution. Axioms, 2020, 9, 71.  | 0.9 | 3         |
| 148 | Role of Anisotropy on the Tidal Deformability of Compact Stellar Objects. Physical Sciences Forum, 2021, 2, .   | 0.3 | 3         |
| 149 | $\chi^2$ -field cosmological models: revisited. Research in Astronomy and Astrophysics, 2016, 16, 188.  | 0.7 | 2         |
| 150 | Weyl transformation: A dynamical degree of freedom in the light of Dirac's Large Number hypothesis. International Journal of Modern Physics D, 2020, 29, 2050027. | 0.9 | 2         |
| 151 | Analytic radiation model for perfect fluid under homotopy perturbation method. Indian Journal of Physics, 2021, 95, 1581-1588.                                    | 0.9 | 2         |
| 152 | A Relativistic Compact Stellar Model of Anisotropic Quark Matter Mixed with Dark Energy. Advances in High Energy Physics, 2021, 2021, 1-7.                        | 0.5 | 2         |
| 153 | Does accelerating Universe permit varying speed of light?. Astrophysics and Space Science, 2012, 337, 509-510.  | 0.5 | 1         |
| 154 | A Model for Anisotropic Strange Stars. Springer Proceedings in Physics, 2018, , 65-68.  | 0.1 | 1         |
| 155 | Dilaton-Axion Black Hole under the Solar System Tests. New Astronomy, 2021, 83, 101494.   | 0.8 | 1         |
| 156 | N.R. Sen: Father of Indian Applied mathematics. European Physical Journal H, 2021, 46, 1.   | 0.5 | 1         |
| 157 | A semi-classical model of regular inflationary cosmology. Physics of the Dark Universe, 2021, 32, 100823.   | 1.8 | 1         |
| 158 | Noncommutative black hole in the Finslerian spacetime. Classical and Quantum Gravity, 2021, 38, 145019.   | 1.5 | 1         |
| 159 | Nonsingular solution with anisotropic fluid in mini bang cosmology. International Journal of Modern Physics D, 2020, 29, 2050118.                                 | 0.9 | 1         |
| 160 | Tidal effect in ADM formulation under the foliations of spacetime. Chinese Journal of Physics, 2022, , .  | 2.0 | 1         |
| 161 | Astronomer R.G. Chandra: In the Light of His Anglo-American Connection. European Physical Journal H, 2014, 39, 369-387.   | 0.5 | 0         |
| 162 | About Influence of Gravity on Heat Conductivity Process of the Planets. International Journal of Theoretical Physics, 2016, 55, 1536-1542.                        | 0.5 | 0         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 163 | Classical and Quantum Approaches to Black Holes. Advances in High Energy Physics, 2019, 2019, 1-4. | 0.5 | 0         |