

# Hasan El Mourni

## List of Publications by Citations

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36  
papers

593  
citations

15  
h-index

24  
g-index

45  
ext. papers

821  
ext. citations

2.4  
avg, IF

4.57  
L-index

| #  | Paper   | IF   | Citations |
|----|---|------|-----------|
| 36 | On Thermodynamics of AdS Black Holes in Arbitrary Dimensions. <i>Chinese Physics Letters</i> , <b>2012</b> , 29, 100402   | 4.18 | 100       |
| 35 | On heat properties of AdS black holes in higher dimensions. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1   | 5.4  | 67        |
| 34 | Maxwell's equal-area law for Gauss-Bonnet-Anti-de Sitter black holes. <i>European Physical Journal C</i> , <b>2015</b> , 75, 1  | 4.2  | 39        |
| 33 | The Thermodynamical Behaviors of Kerr-Newman AdS Black Holes. <i>Chinese Physics Letters</i> , <b>2013</b> , 30, 090402   | 1.8  | 38        |
| 32 | Behavior of quasinormal modes and high dimension RN-AdS black hole phase transition. <i>European Physical Journal C</i> , <b>2016</b> , 76, 1   | 4.2  | 31        |
| 31 | Deflection angle and shadow behaviors of quintessential black holes in arbitrary dimensions. <i>Classical and Quantum Gravity</i> , <b>2020</b> , 37, 215004  | 3.3  | 29        |
| 30 | Critical behaviors of 3D black holes with a scalar hair. <i>International Journal of Geometric Methods in Modern Physics</i> , <b>2015</b> , 12, 1550017  | 1.5  | 26        |
| 29 | On thermodynamics of AdS black holes in M-theory. <i>European Physical Journal C</i> , <b>2016</b> , 76, 1  | 4.2  | 25        |
| 28 | On thermodynamics of charged AdS black holes in extended phases space via M2-branes background. <i>European Physical Journal C</i> , <b>2016</b> , 76, 1  | 4.2  | 23        |
| 27 | Phase transitions and geothermodynamics of black holes in dRGT massive gravity. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1  | 4.2  | 22        |
| 26 | More insight into microscopic properties of RN-AdS black hole surrounded by quintessence via an alternative extended phase space. <i>International Journal of Geometric Methods in Modern Physics</i> , <b>2018</b> , 15, 1850171 | 1.5  | 22        |
| 25 | Ehrenfest scheme of higher dimensional AdS black holes in the third-order Lovelock-Born-Infeld gravity. <i>International Journal of Geometric Methods in Modern Physics</i> , <b>2015</b> , 12, 1550115                           | 1.5  | 22        |
| 24 | Revisiting the phase transition of AdS-Maxwell-Power-Yang-Mills black holes via AdS/CFT tools. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 776, 124-132               | 4.2  | 21        |
| 23 | Joule-Thomson Expansion of Reissner-Nordstrom AdS Black Holes in $f(R)$ gravity <b>2018</b> , 1, 5-9  |      | 20        |
| 22 | Chaos in charged AdS black hole extended phase space. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 781, 316-321  | 4.2  | 16        |
| 21 | Phase Transition of AdS Black Holes with Non Linear Source in the Holographic Framework. <i>International Journal of Theoretical Physics</i> , <b>2017</b> , 56, 554-565  | 1.1  | 12        |
| 20 | Thermal image and phase transitions of charged AdS black holes using shadow analysis. <i>International Journal of Modern Physics A</i> , <b>2020</b> , 35, 2050170  | 1.2  | 12        |

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|----|---|-----|----|
| 19 | Phase transition of charged-AdS black holes and quasinormal modes: A time domain analysis. <i>Astrophysics and Space Science</i> , <b>2017</b> , 362, 1   | 1.6 | 11 |
| 18 | Shadows of 5D black holes from string theory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2021</b> , 812, 136025                                   | 4.2 | 10 |
| 17 | Entanglement entropy and phase portrait of f(R)-AdS black holes in the grand canonical ensemble. <i>Nuclear Physics B</i> , <b>2019</b> , 938, 200-211  | 2.8 | 9  |
| 16 | Black hole shadows in M-theory scenarios. <i>International Journal of Modern Physics D</i> , <b>2021</b> , 30, 2150026  | 2.2 | 6  |
| 15 | Dark energy effects on charged and rotating black holes. <i>European Physical Journal Plus</i> , <b>2019</b> , 134, 1   | 3.1 | 5  |
| 14 | On Einstein-non linear-Maxwell-Yukawa de-Sitter black hole thermodynamics. <i>Nuclear Physics B</i> , <b>2021</b> , 963, 115305   | 2.8 | 5  |
| 13 | On thermodynamics of 2D black holes in brane inflationary potentials. <i>International Journal of Geometric Methods in Modern Physics</i> , <b>2014</b> , 11, 1450047                               | 1.5 | 4  |
| 12 | Probing correlation between photon orbits and phase structure of charged AdS black hole in massive gravity background. <i>International Journal of Modern Physics A</i> , <b>2019</b> , 34, 1950231 | 1.2 | 4  |
| 11 | Testing the complexity conjecture in regular black holes geometry. <i>Nuclear Physics B</i> , <b>2020</b> , 950, 114837   | 2.8 | 3  |
| 10 | Nonlinear-Maxwell-Yukawa de-Sitter black hole thermodynamics in a cavity: Grand canonical ensemble. <i>Nuclear Physics B</i> , <b>2021</b> , 973, 115593  | 2.8 | 2  |
| 9  | Anti-de-Sitter-Maxwell-Yang-Mills Black Holes Thermodynamics from Nonlocal Observables Point of View. <i>Advances in High Energy Physics</i> , <b>2019</b> , 2019, 1-13                             | 1   | 1  |
| 8  | Phase transition of AdS black hole in massive gravity revisited via new prescription. <i>European Physical Journal Plus</i> , <b>2020</b> , 135, 1  | 3.1 | 1  |
| 7  | Regular AdS black holes holographic heat engines in a benchmarking scheme. <i>Nuclear Physics B</i> , <b>2021</b> , 973, 115590   | 2.8 | 1  |
| 6  | fR Gravity Effects on Charged Accelerating AdS Black Holes Using Holographic Tools. <i>Advances in High Energy Physics</i> , <b>2020</b> , 2020, 1-9  | 1   | 1  |
| 5  | On phase transition behaviors of Kerr-AdS black hole. <i>International Journal of Geometric Methods in Modern Physics</i> , <b>2020</b> , 17, 2050169   | 1.5 | 1  |
| 4  | Cosmological constant effect on charged and rotating black hole shadows. <i>International Journal of Geometric Methods in Modern Physics</i> , <b>2021</b> , 18,                                    | 1.5 | 1  |
| 3  | Geometric engineering of qubits from string theory. <i>Advanced Studies in Theoretical Physics</i> , <b>2019</b> , 13, 103-126  | 1   |    |
| 2  | On Hawking Radiation of 3D Rotating Hairy Black Holes. <i>Chinese Physics Letters</i> , <b>2015</b> , 32, 100401  | 1.8 |    |

- 1 Nonlinear-Maxwell-Yukawa de-Sitter black hole thermodynamics in a cavity: II - Grand canonical ensemble. *Nuclear Physics B*, **2022**, 977, 115731

2.8