

# Пълен списък на публикациите на проф. дфн Стойчо Стоянов Язаджиев

01.06.2021

Общ брой на публикациите: 175

Публикации в реферирани списания: 140

Публикации в материали на конференции и сборници: 35

Забелязани независими цитирания: над 3 300, h-индекс - 34

Учебници и монографии: Учебници – 1; Монографии – 3.

## Публикации в реферирани списания

- A.1. D. D. Doneva and **S. S. Yazadjiev**, “Spontaneously scalarized black holes in dynamical Chern-Simons gravity: dynamics and equilibrium solutions,” Phys. Rev. D **103**, no. 8, 083007 (2021)  
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- A.2. L. G. Collodel, D. D. Doneva and **S. S. Yazadjiev**, “Circular Orbit Structure and Thin Accretion Disks around Kerr Black Holes with Scalar Hair,” Astrophys. J. **910**, no. 1, 52 (2021)  
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- A.3. D. D. Doneva and **S. S. Yazadjiev**, “Dynamics of the nonrotating and rotating black hole scalarization,” Phys. Rev. D **103**, no. 6, 064024 (2021)  
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- A.4. D. D. Doneva, L. G. Collodel, C. J. Krüger and **S. S. Yazadjiev**, “Spin-induced scalarization of Kerr black holes with a massive scalar field,” Eur. Phys. J. C **80**, no. 12, 1205 (2020)  
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- A.5. D. D. Doneva, L. G. Collodel, C. J. Krüger and **S. S. Yazadjiev**, “Black hole scalarization induced by the spin: 2+1 time evolution,” Phys. Rev. D **102**, no. 10, 104027 (2020)

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- A.6. D. Doneva and **S. S. Yazadjiev**, “No-hair theorems for noncanonical self-gravitating static multiple scalar fields,” *Phys. Rev. D* **102**, no. 8, 084055 (2020)  
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- A.7. L. G. Collodel, D. D. Doneva and **S. S. Yazadjiev**, “Rotating tensor-multiscalar black holes with two scalars,” *Phys. Rev. D* **102**, no. 8, 084032 (2020)  
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- A.8. V. I. Danchev, D. D. Doneva and **S. S. Yazadjiev**, “Slowly rotating topological neutron stars – universal relations and epicyclic frequencies,” *Eur. Phys. J. C* **80**, no. 9, 878 (2020)  
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- A.9. D. D. Doneva, K. V. Staykov, **S. S. Yazadjiev** and R. Z. Zheleva, “Multiscalar Gauss-Bonnet gravity: Hairy black holes and scalarization,” *Phys. Rev. D* **102**, no. 6, 064042 (2020)  
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- A.11. D. D. Doneva, **S. S. Yazadjiev** and K. D. Kokkotas, “Stability of topological neutron stars,” *Phys. Rev. D* **102**, no. 4, 044043 (2020)  
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- A.12. D. D. Doneva and **S. S. Yazadjiev**, “Nontopological spontaneously scalarized neutron stars in tensor-multiscalar theories of gravity,” *Phys. Rev. D* **101**, no. 10, 104010 (2020)  
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- A.13. D. D. Doneva and **S. S. Yazadjiev**, “Relativistic stars in 4D Einstein-Gauss-Bonnet gravity,” *JCAP* **05**, 024 (2021)  
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- A.14. G. Gyulchev, J. Kunz, P. Nedkova, T. Vetsov and **S. S. Yazadjiev**, “Observational signatures of strongly naked singularities: image of the thin accretion disk,” *Eur. Phys. J. C* **80**, no. 11, 1017 (2020)  
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- A.15. J. L. Blázquez-Salcedo, D. D. Doneva, S. Kahlen, J. Kunz, P. Nedkova and **S. S. Yazadjiev**, “Axial perturbations of the scalarized Einstein-Gauss-Bonnet black holes,” *Phys. Rev. D* **101**, no. 10, 104006 (2020)  
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- A.30. G. Gyulchev, P. Nedkova, V. Tinchev and **S. S. Yazadjiev**, “On the shadow of rotating traversable wormholes,” *Eur. Phys. J. C* **78**, no. 7, 544 (2018)  
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проф. дфн Стойчо Язаджиев