

Списък на научните публикации

на гл. ас. д-р Веселин Филев

1 Обобщение:

Общия брой на публикациите е 38, от които: 34 публикации са в научни списания с импакт фактор (IF) и 3 са в научни списания с имакт ранг (SJR). От статиите с импакт фактор: 32 са в най-горния квартил (Q1), една е във втория квартил (Q2) и една е в четвъртия квартил (Q4).

квартил/тип	брой публикации
Q1	32 публикации
Q2	1 публикация
Q4	1 публикация
докл. конф.	4 публикации
Общо	38 публикации

2 Списък:

1. V. G. Filev and R. C. Rashkov, “Critical point in a holographic defect field theory,” JHEP **11** (2019), 027. (**Q1**)
2. V. G. Filev, G. S. Vasilev, P. Neykov. “A semi-analytic approach to valuing auto-callable accrual notes”, Proceedings of the Forty-eighth Spring Conference of the Union of Bulgarian Mathematicians, 48, Mathematics and Education in Mathematics, 2019, ISSN:1313-3330
3. Y. Asano, V. G. Filev, S. Kováčik and D. O’Connor, “The non-perturbative phase diagram of the BMN matrix model,” JHEP **1807**, 152 (2018) (**Q1**)
4. Y. Asano, V. G. Filev, S. Kováčik and D. O’Connor, “A Computer Test of Holographic Flavour Dynamics II,” JHEP **1803**, 055 (2018) (**Q1**)
5. V. G. Filev and D. O’Connor, “Quantised relativistic membranes and non-perturbative checks of gauge/gravity duality,” J.Phys.Conf.Ser. **965** (2018) no.1, 012015
6. Y. Asano, V. G. Filev, S. Kováčik and D. O’Connor, “Precision Test of Holographic Flavourdynamics,” Springer Proc. Math. Stat. **255**, 173 (2017).
7. Y. Asano, V. G. Filev, S. Kováčik, and D. O’Connor, “The Flavoured BFSS Model at High Temperature,” JHEP **1701**, 113 (2017) (**Q1**)

8. D. O'Connor and V. G. Filev, "Membrane Matrix models and non-perturbative checks of gauge/gravity duality," PoS CORFU **2015** (2016)
9. V. G. Filev and D. O'Connor, "A Computer Test of Holographic Flavour Dynamics," JHEP **1605**, 122 (2016) (Q1)
10. V. G. Filev and D. O'Connor, "The BFSS model on the lattice," JHEP **1605**, 167 (2016) (Q1)
11. V. G. Filev and D. O'Connor, "Commuting Quantum Matrix Models", JHEP **1503**, 024 (2015) (Q1)
12. V. G. Filev, R. C. Rashkov, T. Vetsov, "Holographic mesons in Pilch-Warner geometry", Bulgarian Chemical Communications, Volume 47, Special Issue B (pp. 253-261) 2015
13. V. G. Filev and D. Zoakos, "Multiple Backreacted Flavour Branes," JHEP **1412**, 186 (2014) (Q1)
14. V. G. Filev, "A Quantum Critical Point from Flavours on a Compact Space," JHEP **1408**, 105 (2014) (Q1)
15. V. G. Filev, M. Ihl and D. Zoakos, "Holographic Bilayer/Monolayer Phase Transitions," JHEP **1407**, 043 (2014) (Q1)
16. V. G. Filev and D. O'Connor, "On the Phase Structure of Commuting Matrix Models," JHEP **1408**, 003 (2014) (Q1)
17. D. Arnaudov, V. Filev and R. Rashkov, "Flavours in global Klebanov-Witten background," JHEP **1403**, 023 (2014) (Q1)
18. V. G. Filev, M. Ihl and D. Zoakos, "A Novel (2+1)-Dimensional Model of Chiral Symmetry Breaking," JHEP **1312**, 072 (2013) (Q1)
19. V. G. Filev and D. O'Connor, "Multi-matrix models at general coupling," J. Phys. A: Math. Theor. 46, 475403 (2013) (Q2)
20. G. Itsios, V. G. Filev and D. Zoakos, "Backreacted flavor in non-commutative gauge theories," JHEP **1306**, 092 (2013) (Q1)
21. D. O'Connor and V. G. Filev, "Near commuting multi-matrix models," JHEP **1304**, 144 (2013) (Q1)
22. V. G. Filev and M. Ihl, "Flavoured Large N Gauge Theory on a Compact Space with an External Magnetic Field," JHEP **1301**, 130 (2013) (Q1)
23. M. Ammon, V. G. Filev, J. Tarrio and D. Zoakos, "D3/D7 Quark-Gluon Plasma with Magnetically Induced Anisotropy," JHEP **1209**, 039 (2012) (Q1)
24. J. Erdmenger, V. G. Filev and D. Zoakos, "Magnetic Catalysis with Massive Dynamical Flavours," JHEP **1208** (2012) 004 (Q1)

25. V. G. Filev and D. Zoakos, “Towards Unquenched Holographic Magnetic Catalysis,” JHEP **1108**, 022 (2011) **(Q1)**
26. J. Erdmenger and V. G. Filev, “Mesons from global Anti-de Sitter space,” JHEP **1101**, 119 (2011) **(Q1)**
27. V. G. Filev and R. C. Raskov, “Magnetic Catalysis of Chiral Symmetry Breaking. A Holographic Prospective,” Adv. High Energy Phys. **2010** (2010) 473206 **(Q1)**
28. V. G. Filev, “Hot Defect Superconformal Field Theory in an External Magnetic Field,” JHEP 0911:123,2009 **(Q1)**
29. V. G. Filev, C. V. Johnson and J. P. Shock, “Universal Holographic Chiral Dynamics in an External Magnetic Field,” JHEP 0908:013,2009 **(Q1)**
30. V. G. Filev and C. V. Johnson, “Universality in the Large N Dynamics of Flavour: Thermal Vs. Quantum Induced Phase Transitions,” JHEP 0810:058,2008 **(Q1)**
31. T. Albash, V. G. Filev, C. V. Johnson and A. Kundu, “Quarks in an External Electric Field in Finite Temperature Large N Gauge Theory,” JHEP08(2008)092 **(Q1)**
32. T. Albash, V. G. Filev, C. V. Johnson and A. Kundu, “Finite Temperature Large N Gauge Theory with Quarks in an External Magnetic Field,” JHEP07(2008)080 **(Q1)**
33. V. G. Filev, “Criticality, Scaling and Chiral Symmetry Breaking in External Magnetic Field,” JHEP04(2008)088 **(Q1)**
34. V. G. Filev, C. V. Johnson, R. C. Rashkov and K. S. Viswanathan, “Flavoured large N gauge theory in an external magnetic field,” JHEP10(2007)019 **(Q1)**
35. T. Albash, V. G. Filev, C. V. Johnson and A. Kundu, “Global Currents, Phase Transitions, and Chiral Symmetry Breaking in Large N_c Gauge Theory,” JHEP 0812:033,2008 **(Q1)**
36. T. Albash, V. G. Filev, C. V. Johnson and A. Kundu, “A topology-changing phase transition and the dynamics of flavour,” Phys.Rev.D77:066004,2008 **(Q1)**
37. V. G. Filev and C. V. Johnson, “Operators with large quantum numbers, spinning strings, and giant gravitons,” Phys. Rev. D **71**, 106007 (2005) **(Q1)**
38. H. Dimov, V. G. Filev, R. C. Rashkov and K. S. Viswanathan, “Semiclassical quantization of rotating strings in Pilch-Warner geometry,” Phys. Rev. D **68**, 066010 (2003) **(Q1)**