

Leslaw Rachwal

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

917
citations

567281

15
h-index

454955

30
g-index

35
all docs

35
docs citations

35
times ranked

359
citing authors

#	ARTICLE	IF	CITATIONS
1	Super-renormalizable and finite gravitational theories. Nuclear Physics B, 2014, 889, 228-248.	2.5	171
2	Nonlocal quantum gravity: A review. International Journal of Modern Physics D, 2017, 26, 1730020.	2.1	104
3	Occurrence of exact R ² inflation in non-local UV-complete gravity. Journal of High Energy Physics, 2016, 2016, 1.	4.7	92
4	Universally finite gravitational and gauge theories. Nuclear Physics B, 2015, 900, 147-169.	2.5	72
5	Spacetime completeness of non-singular black holes in conformal gravity. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 003-003.	5.4	68
6	Scattering amplitudes in super-renormalizable gravity. Journal of High Energy Physics, 2015, 2015, 1.	4.7	47
7	Renormalization group in super-renormalizable quantum gravity. European Physical Journal C, 2018, 78, 1.	3.9	41
8	Exact solutions and spacetime singularities in nonlocal gravity. Journal of High Energy Physics, 2015, 2015, 1-50.	4.7	38
9	Finite quantum gauge theories. Physical Review D, 2016, 94, .	4.7	36
10	Computing the effective action with the functional renormalization group. European Physical Journal C, 2016, 76, 1.	3.9	36
11	Black hole evaporation in conformal gravity. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 033-033.	5.4	35
12	Conformal Symmetry in Field Theory and in Quantum Gravity. Universe, 2018, 4, 125.	2.5	23
13	Finite quantum gravity in dS and AdS spacetimes. Physical Review D, 2018, 98, .	4.7	23
14	Formation and evaporation of an electrically charged black hole in conformal gravity. European Physical Journal C, 2018, 78, 1.	3.9	20
15	Unitary Issues in Some Higher Derivative Field Theories. Galaxies, 2018, 6, 23.	3.0	18
16	On classicalization in nonlinear sigma models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 711, 184-189.	4.1	14
17	Scale-dependent Planck mass and Higgs VEV from holography and functional renormalization. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 472-477.	4.1	13
18	Finite conformal quantum gravity and spacetime singularities. Journal of Physics: Conference Series, 2017, 942, 012015.	0.4	9

#	ARTICLE	IF	CITATIONS
19	Effective action from the functional renormalization group. European Physical Journal C, 2020, 80, 1.	3.9	9
20	Finite entanglement entropy of black holes. European Physical Journal C, 2018, 78, 1.	3.9	7
21	Infrared behavior of Weyl gravity: Functional renormalization group approach. Physical Review D, 2020, 101, .	4.7	6
22	Dark Side of Weyl Gravity. Universe, 2020, 6, 123.	2.5	5
23	Spectral action approach to higher derivative gravity. European Physical Journal C, 2020, 80, 1.	3.9	4
24	Introduction to Quantization of Conformal Gravity. Universe, 2022, 8, 225.	2.5	4
25	Running of Planck mass and Higgs VEV in holographic vs. 4-dimensional RG. Journal of Physics: Conference Series, 2012, 343, 012098.	0.4	3
26	On the vector conformal models in an arbitrary dimension. European Physical Journal Plus, 2021, 136, 1.	2.6	3
27	Holographic RG flows for gravitational couplings. Fortschritte Der Physik, 2014, 62, 887-891.	4.4	2
28	Finite quantum gravity in four and extra dimensions. , 2017, , .		1
29	Spacetime singularities in nonlocal gravity. , 2017, , .		1
30	Infrared behavior of Weyl Gravity. Journal of Physics: Conference Series, 2021, 1956, 012012.	0.4	1
31	On the regularization of Lifshitz-type field theories. European Physical Journal C, 2020, 80, 1.	3.9	1
32	How to understand the structure of beta functions in six-derivative Quantum Gravity?. Acta Polytechnica, 2022, 62, 118-156.	0.6	1
33	Ultraviolet Finiteness or Asymptotic Safety in Higher Derivative Gravitational Theories. Universe, 2022, 8, 229.	2.5	0