

Leslaw Rachwal

List of Publications by Year in descending order

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33
papers

917
citations

567281

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454955

30
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35
all docs

35
docs citations

35
times ranked

359
citing authors

#	ARTICLE	IF	CITATIONS
1	Introduction to Quantization of Conformal Gravity. Universe, 2022, 8, 225.	2.5	4
2	How to understand the structure of beta functions in six-derivative Quantum Gravity?. Acta Polytechnica, 2022, 62, 118-156.	0.6	1
3	Ultraviolet Finiteness or Asymptotic Safety in Higher Derivative Gravitational Theories. Universe, 2022, 8, 229.	2.5	0
4	Infrared behavior of Weyl Gravity. Journal of Physics: Conference Series, 2021, 1956, 012012.	0.4	1
5	On the vector conformal models in an arbitrary dimension. European Physical Journal Plus, 2021, 136, 1.	2.6	3
6	Infrared behavior of Weyl gravity: Functional renormalization group approach. Physical Review D, 2020, 101, .	4.7	6
7	Effective action from the functional renormalization group. European Physical Journal C, 2020, 80, 1.	3.9	9
8	Dark Side of Weyl Gravity. Universe, 2020, 6, 123.	2.5	5
9	Spectral action approach to higher derivative gravity. European Physical Journal C, 2020, 80, 1.	3.9	4
10	On the regularization of Lifshitz-type field theories. European Physical Journal C, 2020, 80, 1.	3.9	1
11	Conformal Symmetry in Field Theory and in Quantum Gravity. Universe, 2018, 4, 125.	2.5	23
12	Unitary Issues in Some Higher Derivative Field Theories. Galaxies, 2018, 6, 23.	3.0	18
13	Finite entanglement entropy of black holes. European Physical Journal C, 2018, 78, 1.	3.9	7
14	Formation and evaporation of an electrically charged black hole in conformal gravity. European Physical Journal C, 2018, 78, 1.	3.9	20
15	Finite quantum gravity in dS and AdS spacetimes. Physical Review D, 2018, 98, .	4.7	23
16	Renormalization group in super-renormalizable quantum gravity. European Physical Journal C, 2018, 78, 1.	3.9	41
17	Spacetime completeness of non-singular black holes in conformal gravity. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 003-003.	5.4	68
18	Nonlocal quantum gravity: A review. International Journal of Modern Physics D, 2017, 26, 1730020.	2.1	104

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19	Black hole evaporation in conformal gravity. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 033-033.	5.4	35
20	Finite quantum gravity in four and extra dimensions. , 2017, , .		1
21	Spacetime singularities in nonlocal gravity. , 2017, , .		1
22	Finite conformal quantum gravity and spacetime singularities. Journal of Physics: Conference Series, 2017, 942, 012015.	0.4	9
23	Occurrence of exact R ² inflation in non-local UV-complete gravity. Journal of High Energy Physics, 2016, 2016, 1.	4.7	92
24	Finite quantum gauge theories. Physical Review D, 2016, 94, .	4.7	36
25	Computing the effective action with the functional renormalization group. European Physical Journal C, 2016, 76, 1.	3.9	36
26	Scattering amplitudes in super-renormalizable gravity. Journal of High Energy Physics, 2015, 2015, 1.	4.7	47
27	Universally finite gravitational and gauge theories. Nuclear Physics B, 2015, 900, 147-169.	2.5	72
28	Exact solutions and spacetime singularities in nonlocal gravity. Journal of High Energy Physics, 2015, 2015, 1-50.	4.7	38
29	Super-renormalizable and finite gravitational theories. Nuclear Physics B, 2014, 889, 228-248.	2.5	171
30	Holographic RG flows for gravitational couplings. Fortschritte Der Physik, 2014, 62, 887-891.	4.4	2
31	Running of Planck mass and Higgs VEV in holographic vs. 4-dimensional RG. Journal of Physics: Conference Series, 2012, 343, 012098.	0.4	3
32	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
33	On classicalization in nonlinear sigma models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 711, 184-189.	4.1	14