

Zhengkang Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1583601/publications.pdf>

Version: 2024-02-01

23
papers

898
citations

430442

18
h-index

642321

23
g-index

23
all docs

23
docs citations

23
times ranked

807
citing authors

#	ARTICLE	IF	CITATIONS
1	Directional detectability of dark matter with single phonon excitations: Target comparison. Physical Review D, 2022, 105, .	1.6	23
2	Effective field theory of dark matter direct detection with collective excitations. Physical Review D, 2022, 105, .	1.6	24
3	Magic zeroes and hidden symmetries. Journal of High Energy Physics, 2022, 2022, 1.	1.6	4
4	Functional prescription for EFT matching. Journal of High Energy Physics, 2021, 2021, 1.	1.6	28
5	STrEAMlining EFT Matching. SciPost Physics, 2021, 10, .	1.5	32
6	Dark matter absorption via electronic excitations. Journal of High Energy Physics, 2021, 2021, 1.	1.6	19
7	Extended calculation of dark matter-electron scattering in crystal targets. Physical Review D, 2021, 104, .	1.6	28
8	Detectability of axion dark matter with phonon polaritons and magnons. Physical Review D, 2020, 102, .	1.6	35
9	Detecting Light Dark Matter with Magnons. Physical Review Letters, 2020, 124, 201801.	2.9	49
10	Multichannel direct detection of light dark matter: Target comparison. Physical Review D, 2020, 101, .	1.6	66
11	Multi-channel direct detection of light dark matter: theoretical framework. Journal of High Energy Physics, 2020, 2020, 1.	1.6	63
12	The fermionic universal one-loop effective action. Journal of High Energy Physics, 2020, 2020, 1.	1.6	33
13	Dark photon dark matter produced by axion oscillations. Physical Review D, 2019, 99, .	1.6	136
14	Implications of an Improved Neutron-Antineutron Oscillation Search for Baryogenesis: A Minimal Effective Theory Analysis. Physical Review Letters, 2018, 121, 171801.	2.9	28
15	Effective field theory approach to trans-TeV supersymmetry: covariant matching, Yukawa unification and Higgs couplings. Journal of High Energy Physics, 2018, 2018, 1.	1.6	18
16	Establishing the isolated standard model. Physical Review D, 2017, 96, .	1.6	1
17	Time to Go Beyond Triple-Gauge-Boson-Coupling Interpretation of W Pair Production. Physical Review Letters, 2017, 118, 011803.	2.9	41
18	Covariant diagrams for one-loop matching. Journal of High Energy Physics, 2017, 2017, 1.	1.6	69

#	ARTICLE	IF	CITATIONS
19	Extending the Universal One-Loop Effective Action: heavy-light coefficients. Journal of High Energy Physics, 2017, 2017, 1.	1.6	64
20	Renormalization group evolution of the universal theories EFT. Journal of High Energy Physics, 2016, 2016, 1.	1.6	15
21	Mixed heavyâ€“light matching in the Universal One-Loop Effective Action. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 166-176.	1.5	68
22	Effective theories of universal theories. Journal of High Energy Physics, 2016, 2016, 1.	1.6	48
23	Role of low-energy observables in precision Higgs boson analyses. Physical Review D, 2015, 91, .	1.6	6