

# Yi-Ming Zhong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2357380/publications.pdf>

Version: 2024-02-01

23  
papers

1,066  
citations

471509

17  
h-index

713466

21  
g-index

23  
all docs

23  
docs citations

23  
times ranked

5501  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exotic decays of the 125 GeV Higgs boson. Physical Review D, 2014, 90, .	4.7	209
2	Constraining light dark matter with low-energy $e^+e^-$ colliders. Journal of High Energy Physics, 2013, 2013, 1.	4.7	159
3	The leptoquark hunter's guide: pair production. Journal of High Energy Physics, 2017, 2017, 1.	4.7	103
4	The leptoquark Hunter's guide: large coupling. Journal of High Energy Physics, 2019, 2019, 1.	4.7	80
5	Constraining Dissipative Dark Matter Self-Interactions. Physical Review Letters, 2019, 123, 121102.	7.8	66
6	Muon beam experiments to probe the dark sector. Physical Review D, 2017, 95, .	4.7	57
7	Reexamining the Solar Axion Explanation for the XENON1T Excess. Physical Review Letters, 2020, 125, 131806.	7.8	52
8	Projections for dark photon searches at Mu3e. Journal of High Energy Physics, 2015, 2015, 1.	4.7	42
9	Testing the Sensitivity of the Galactic Center Excess to the Point Source Mask. Physical Review Letters, 2020, 124, 231103.	7.8	35
10	Cosmological constraints on dark matter interactions with ordinary matter. Physics Reports, 2022, 961, 1-35.	25.6	33
11	Probing triple-Higgs productions via $b\bar{b}b\bar{b}$ channel at a 100 TeV hadron collider. Physical Review D, 2016, 93, .		
12	Seeding Supermassive Black Holes with Self-interacting Dark Matter: A Unified Scenario with Baryons. Astrophysical Journal Letters, 2021, 914, L26.	8.3	31
13	Return of the templates: Revisiting the Galactic Center excess with multimessenger observations. Physical Review D, 2022, 105, .	4.7	30
14	Exploring leptophilic dark matter with NA64. Journal of High Energy Physics, 2018, 2018, 1.	4.7	29
15	Precision calculation of inflation correlators at one loop. Journal of High Energy Physics, 2022, 2022, 1.	4.7	27
16	Probing leptophilic dark sectors at electron beam-dump facilities. Physical Review D, 2018, 98, .	4.7	25
17	The structure of dissipative dark matter halos. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 051-051.	5.4	23
18	Uncovering light scalars with exotic Higgs decays to $b\bar{b} + \tau^+\tau^-$ . Journal of High Energy Physics, 2015, 2015, 1.	4.7	13

#	ARTICLE	IF	CITATIONS
19	Dynamical instability of collapsed dark matter halos. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 036.	5.4	10
20	Higgs-precision constraints on colored naturalness. Journal of High Energy Physics, 2017, 2017, 1.	4.7	7
21	Diphoton excess through dark mediators. Journal of High Energy Physics, 2016, 2016, 1.	4.7	3
22	Real-time distributed all-fiber strain-sensing system. , 2008, , .		0
23	Highly birefringent all-solid photonic bandgap fiber with an array of oriented rectangular high index rods. , 2008, , .		0