

# Haipeng An

## List of Publications by Year in descending order

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33  
papers

1,695  
citations

304743

22  
h-index

395702

33  
g-index

33  
all docs

33  
docs citations

33  
times ranked

4607  
citing authors

#	ARTICLE	IF	CITATIONS
1	New stellar constraints on dark photons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 190-195.	4.1	206
2	Direct detection constraints on dark photon dark matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 331-338.	4.1	193
3	Leptogenesis as a common origin for matter and dark matter. Journal of High Energy Physics, 2010, 2010, 1.	4.7	161
4	Dark Matter Detectors as Dark Photon Helioscopes. Physical Review Letters, 2013, 111, 041302.	7.8	115
5	Light dark matter and $Z\tilde{e}^2$ dark force at colliders. Journal of High Energy Physics, 2012, 2012, 1.	4.7	104
6	Directly Detecting MeV-Scale Dark Matter Via Solar Reflection. Physical Review Letters, 2018, 120, 141801.	7.8	79
7	Sneutrino Dark Matter in Gauged Inverse Seesaw Models for Neutrinos. Physical Review Letters, 2012, 108, 081806.	7.8	65
8	Quasi-single field inflation in the non-perturbative regime. Journal of High Energy Physics, 2018, 2018, 1.	4.7	64
9	Searching for low mass dark portal at the LHC. Physics of the Dark Universe, 2013, 2, 50-57.	4.9	63
10	Dark matter with $t$ -channel mediator: A simple step beyond contact interaction. Physical Review D, 2014, 89, .	4.7	62
11	Energy dependence of direct detection cross section for asymmetric mirror dark matter. Physical Review D, 2010, 82, .	4.7	61
12	New limits on dark photons from solar emission and keV scale dark matter. Physical Review D, 2020, 102, .	4.7	51
13	Effects of bound states on dark matter annihilation. Physical Review D, 2016, 93, .	4.7	47
14	Right-handed quark mixings in minimal left-right symmetric model with general $C$ - $P$ violation. Physical Review D, 2007, 76, .	4.7	44
15	Opening Up the Compressed Region of Top Squark Searches at 13 TeV LHC. Physical Review Letters, 2015, 115, 181602.	7.8	43
16	Non-Gaussian enhancements of galactic halo correlations in quasi-single field inflation. Physical Review D, 2018, 97, .	4.7	41
17	125 GeV Higgs boson, enhanced diphoton rate, and gauged $U(1)$ PQ-extended MSSM. Physical Review D, 2012, 86, .	4.7	37
18	Neutron electric dipole moment constraint on scale of minimal left-right symmetric model. Journal of High Energy Physics, 2010, 2010, 1.	4.7	35

#	ARTICLE	IF	CITATIONS
19	Probing the Dark Sector with Dark Matter Bound States. <i>Physical Review Letters</i> , 2016, 116, 151801.	7.8	29
20	Strong CMB constraint on P-wave annihilating dark matter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 773, 121-124.	4.1	29
21	P-odd and CP-odd four-quark contributions to neutron EDM. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	28
22	Self-Interacting Dark Matter and the Origin of Ultradiffuse Galaxies NGC1052-DF2 and -DF4. <i>Physical Review Letters</i> , 2020, 125, 111105.	7.8	23
23	Light Higgs mass bound in supersymmetric left-right models. <i>Physical Review D</i> , 2008, 78, .	4.7	21
24	Direct detection of freeze-in inelastic dark matter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 818, 136408.	4.1	20
25	Solar reflection of dark matter. <i>Physical Review D</i> , 2021, 104, .	4.7	17
26	Radio-frequency Dark Photon Dark Matter across the Sun. <i>Physical Review Letters</i> , 2021, 126, 181102.	7.8	16
27	Direct Constraints on Charged Excitations of Dark Matter. <i>Physical Review Letters</i> , 2012, 109, 251302.	7.8	12
28	Constraining the right-handed scale through kaon mixing in the supersymmetric left-right model. <i>Physical Review D</i> , 2008, 78, .	4.7	6
29	The direct coupling of light quarks to heavy di-quarks. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 788, 131-136.	4.1	6
30	Direct detection of baryogenesis mechanism from squark decays at LHC. <i>Physical Review D</i> , 2014, 89, .	4.7	5
31	de Sitter quantum loops as the origin of primordial non-Gaussianities. <i>Physical Review D</i> , 2019, 99, .	4.7	5
32	Exploring the nearly degenerate stop region with sbottom decays. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	4
33	Dark resonance. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 061-061.	5.4	3