

Hiren H Patel

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,622
citations

471509

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610901

24
g-index

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all docs

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docs citations

25
times ranked

1363
citing authors

#	ARTICLE	IF	CITATIONS
1	Parity-Violating MÅller Scattering at Next-to-Next-to-Leading Order: Closed Fermion Loops. Physical Review Letters, 2021, 126, 131801.	7.8	6
2	Discovering new forces with gravitational waves from supermassive black holes. Physical Review D, 2021, 104, .	4.7	4
3	Loop dominated signals from neutrino portal dark matter. Physical Review D, 2020, 101, .	4.7	11
4	Electric dipole moments in a leptoquark scenario for the B-physics anomalies. Journal of High Energy Physics, 2020, 2020, 1.	4.7	26
5	Electron EDM in the complex two-Higgs doublet model. Physical Review D, 2020, 102, .	4.7	23
6	Electroweak phase transition in the real triplet extension of the SM: Dimensional reduction. Physical Review D, 2019, 100, .	4.7	42
7	Majoron at two loops. Physical Review D, 2019, 100, .	4.7	34
8	Two-loop effective potential for generalized gauge fixing. Physical Review D, 2018, 98, .	4.7	20
9	Reduced Hadronic Uncertainty in the Determination of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < mml:msub > < mml:mi > V < /mml:mi > < mml:mrow > < mml:mi > u < /mml:mi > < mml:mi > d < /mml:mi > < /mml:mrow > < /mml:msub > $ Physical Review Letters, 2018, 121, 241804.	7.8	183
10	Dark photon decay beyond the Euler-Heisenberg limit. Physical Review D, 2018, 97, .	4.7	19
11	Package -X 2.0: A Mathematica package for the analytic calculation of one-loop integrals. Computer Physics Communications, 2017, 218, 66-70.	7.5	152
12	On the decoupling theorem for vacuum metastability. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 527-533.	4.1	3
13	Transplanckian censorship and global cosmic strings. Journal of High Energy Physics, 2017, 2017, 1.	4.7	29
14	Electroweak absolute, meta-, and thermal stability in neutrino mass models. Physical Review D, 2016, 93, .	4.7	15
15	Electroweak vacuum angle at finite temperature and implications for baryogenesis. Physical Review D, 2015, 92, .	4.7	0
16	Leptobaryons as Majorana dark matter. Physical Review D, 2015, 92, .	4.7	13
17	Package-X: A Mathematica package for the analytic calculation of one-loop integrals. Computer Physics Communications, 2015, 197, 276-290.	7.5	367
18	Minimal theory for lepto-baryons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 735, 283-287.	4.1	61

#	ARTICLE	IF	CITATIONS
19	The electroweak vacuum angle. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 732, 241-243.	4.1	15
20	Baryon asymmetry, dark matter and local baryon number. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 731, 232-235.	4.1	17
21	Stepping into electroweak symmetry breaking: Phase transitions and Higgs phenomenology. Physical Review D, 2013, 88, .	4.7	75
22	Color breaking in the early universe. Physical Review D, 2013, 88, .	4.7	28
23	Baryon washout, electroweak phase transition, and perturbation theory. Journal of High Energy Physics, 2011, 2011, 1.	4.7	200
24	Vacuum stability, perturbativity, and scalar singlet dark matter. Journal of High Energy Physics, 2010, 2010, 1.	4.7	190
25	Triplet scalars and dark matter at the LHC. Physical Review D, 2009, 79, .	4.7	89