

Pierre Fayet

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4613245/publications.pdf>

Version: 2024-02-01

15
papers

1,977
citations

623734

14
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

5814
citing authors

#	ARTICLE	IF	CITATIONS
1	Supergauge invariant extension of the Higgs mechanism and a model for the electron and its neutrino. Nuclear Physics B, 1975, 90, 104-124.	2.5	744
2	<i>MICROSCOPE</i> Mission: First Results of a Space Test of the Equivalence Principle. Physical Review Letters, 2017, 119, 231101.	7.8	276
3	U-boson production in e^+e^- annihilations, $\tilde{\nu}$ and $\tilde{\nu}$ decays, and light dark matter. Physical Review D, 2007, 75, .	4.7	273
4	A la recherche d'un nouveau boson de spin un. Nuclear Physics B, 1981, 187, 184-204.	2.5	162
5	Extra U(1)'s and new forces. Nuclear Physics B, 1990, 347, 743-768.	2.5	130
6	Constraints on light dark matter and U bosons, from $\tilde{\nu}, \tilde{\nu}, K^+, \tilde{\nu}, \tilde{\nu}$ decays. Physical Review D, 2006, 74, .	4.7	96
7	Space test of the equivalence principle: first results of the MICROSCOPE mission. Classical and Quantum Gravity, 2019, 36, 225006.	4.0	56
8	The light U boson as the mediator of a new force, coupled to a combination of Q, B, L and dark matter. European Physical Journal C, 2017, 77, 1.	3.9	53
9	MICROSCOPE limits for new long-range forces and implications for unified theories. Physical Review D, 2018, 97, .	4.7	45
10	two-doublet models, U bosons or light scalars, and $\tilde{\nu}$ and $\tilde{\nu}$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 675, 267-271.	4.1	33
11	The fifth force charge as a linear combination of baryonic, leptonic (OR B-L) and electric charges. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 227, 127-132.	4.1	31
12	N=2 extended supersymmetric GUTs. Nuclear Physics B, 1984, 246, 89-119.	2.5	27
13	limits on the strength of a new force with comparisons to gravity and electromagnetism. Physical Review D, 2019, 99, .	4.7	26
14	photon or dark boson interpolating between a generalized dark photon or dark Z , an axial boson, and an axionlike particle. Physical Review D, 2021, 103, .	4.7	15
15	Supersymmetric Theories of Particles and Interactions. Physica Scripta, 1987, T15, 46-60.	2.5	10