

Patrick K es Vaudrevange

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,790
citations

304743

22
h-index

302126

39
g-index

40
all docs

40
docs citations

40
times ranked

404
citing authors

#	ARTICLE	IF	CITATIONS
1	A mini-landscape of exact MSSM spectra in heterotic orbifolds. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 645, 88-94.	4.1	251
2	Discrete R symmetries for the MSSM and its singlet extensions. Nuclear Physics B, 2011, 850, 1-30.	2.5	131
3	Heterotic mini-landscape (II): Completing the search for MSSM vacua in a Z_6 orbifold. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 668, 331-335.	4.1	123
4	Unification of flavor, Z_2 CP, and modular symmetries. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 7-14.	4.1	119
5	Heterotic road to the MSSM with R parity. Physical Review D, 2008, 77, .	4.7	112
6	(Non-)Abelian discrete anomalies. Nuclear Physics B, 2008, 805, 124-147.	2.5	96
7	A Z_2 standard model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 683, .	4.1	90
8	A string theory of flavor and Z_2 CP. Nuclear Physics B, 2019, 947, 114737.	2.5	82
9	Heterotic brane world. Physical Review D, 2004, 70, .	4.7	79
10	Low Energy Supersymmetry from the Heterotic String Landscape. Physical Review Letters, 2007, 98, 181602.	7.8	61
11	Lessons from eclectic flavor symmetries. Nuclear Physics B, 2020, 957, 115098.	2.5	52
12	Eclectic flavor groups. Journal of High Energy Physics, 2020, 2020, 1.	4.7	48
13	Heterotic MSSM on a resolved orbifold. Journal of High Energy Physics, 2010, 2010, 1.	4.7	47
14	Mirage torsion. Journal of High Energy Physics, 2007, 2007, 063-063.	4.7	43
15	Classification of symmetric toroidal orbifolds. Journal of High Energy Physics, 2013, 2013, 1.	4.7	43
16	Eclectic flavor scheme from ten-dimensional string theory - I. Basic results. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 808, 135615.	4.1	41
17	Geography of fields in extra dimensions: String theory lessons for particle physics. Modern Physics Letters A, 2015, 30, 1530008.	1.2	39
18	Eclectic flavor scheme from ten-dimensional string theory - II detailed technical analysis. Nuclear Physics B, 2021, 966, 115367.	2.5	39

#	ARTICLE	IF	CITATIONS
19	The eclectic flavor symmetry of the $\hat{A}_{2,2}$ orbifold. Journal of High Energy Physics, 2021, 2021, 1.	4.7	37
20	Deep learning in the heterotic orbifold landscape. Nuclear Physics B, 2019, 940, 113-129.	2.5	36
21	Siegel modular flavor group and CP violation from string theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136176.	4.1	25
22	A note on discrete R symmetries in orbifolds with Wilson lines. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 876-881.	4.1	25
23	The $\hat{A}_{1/4}$ term and neutrino masses. Nuclear Physics B, 2013, 866, 157-176.	2.5	21
24	CP violation from string theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 283-287.	4.1	19
25	Infinite number of MSSMs from heterotic line bundles?. Physical Review D, 2015, 92, .	4.7	15
26	Orbifolds from modular symmetries. Nuclear Physics B, 2021, 971, 115534.	4.7	15
27	Heterotic non-abelian orbifolds. Journal of High Energy Physics, 2013, 2013, 1.	4.7	12
28	T-duality orbifolds of heterotic Narain compactifications. Journal of High Energy Physics, 2017, 2017, 1.	4.7	12
29	Contrast data mining for the MSSM from strings. Nuclear Physics B, 2020, 952, 114922.	2.5	12
30	Top-down anatomy of flavor symmetry breakdown. Physical Review D, 2022, 105, .	4.7	12
31	Anomaly-safe discrete groups. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 22-26.	4.1	11
32	Tension Between a Vanishing Cosmological Constant and Non-supersymmetric Heterotic Orbifolds. Fortschritte Der Physik, 2020, 68, 2000044.	4.4	11
33	Predicting the Orbifold Origin of the MSSM. Fortschritte Der Physik, 2020, 68, 2000032.	4.4	11
34	Completing the eclectic flavor scheme of the $\hat{A}_{2,2}$ orbifold. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
35	Landscape of promising nonsupersymmetric string models. Physical Review D, 2021, 104, .	4.7	6
36	Note on the space group selection rule for closed strings on orbifolds. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5

#	ARTICLE	IF	CITATIONS
37	Discrete remnants of orbifolding. Physical Review D, 2019, 100, .	4.7	3
38	String scale interacting dark matter from \tilde{E}_1 . Journal of High Energy Physics, 2020, 2020, 1.	4.7	1
39	Flavon alignments from orbifolding: $SU(5) \tilde{A} - SU(3)$ model with $6/\hat{t}(54)$. Journal of High Energy Physics, 2019, 2019, 1.	4.7	1
40	From anomalies of finite symmetries to heterotic GUTs. AIP Conference Proceedings, 2017, , .	0.4	0