

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	Top-down anatomy of flavor symmetry breakdown. Physical Review D, 2022, 105, .	4.7	12
2	The eclectic flavor symmetry of the $\hat{A}_{2,2}$ orbifold. Journal of High Energy Physics, 2021, 2021, 1.	4.7	37
3	Eclectic flavor scheme from ten-dimensional string theory - II detailed technical analysis. Nuclear Physics B, 2021, 966, 115367.	2.5	39
4	Siegel modular flavor group and CP from string theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136176.	4.1	25
5	Completing the eclectic flavor scheme of the $\hat{A}_{2,2}$ orbifold. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
6	Landscape of promising nonsupersymmetric string models. Physical Review D, 2021, 104, .	4.7	6
7	Orbifolds from Sp modular symmetries. Nuclear Physics B, 2021, 971, 115524.	0.784314	10
8	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
9	Tension Between a Vanishing Cosmological Constant and Non-supersymmetric Heterotic Orbifolds. Fortschritte Der Physik, 2020, 68, 2000044.	4.4	11
10	Predicting the Orbifold Origin of the MSSM. Fortschritte Der Physik, 2020, 68, 2000032.	4.4	11
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	String scale interacting dark matter from \hat{E}_6 . Journal of High Energy Physics, 2020, 2020, 1.	4.7	1
14	Contrast data mining for the MSSM from strings. Nuclear Physics B, 2020, 952, 114922.	2.5	12
15	Unification of flavor, CP , and modular symmetries. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 7-14.	4.1	119
16	A string theory of flavor and CP . Nuclear Physics B, 2019, 947, 114737.	2.5	82
17	Note on the space group selection rule for closed strings on orbifolds. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
18	Deep learning in the heterotic orbifold landscape. Nuclear Physics B, 2019, 940, 113-129.	2.5	36

#	ARTICLE	IF	CITATIONS
19	Discrete remnants of orbifolding. Physical Review D, 2019, 100, .	4.7	3
20	Flavon alignments from orbifolding: SU(5) \tilde{A} – SU(3) model with $\mathbb{Z}_6 \hat{\times} \mathbb{Z}_2(54)$. Journal of High Energy Physics, 2019, 2019, 1.	4.7	1
21	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{CP} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ violation from string theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 283-287.	4.1	19
22	From anomalies of finite symmetries to heterotic GUTs. AIP Conference Proceedings, 2017, , .	0.4	0
23	T-duality orbifolds of heterotic Narain compactifications. Journal of High Energy Physics, 2017, 2017, 1.	4.7	12
24	Anomaly-safe discrete groups. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 22-26.	4.1	11
25	Infinite number of MSSMs from heterotic line bundles?. Physical Review D, 2015, 92, .	4.7	15
26	Geography of fields in extra dimensions: String theory lessons for particle physics. Modern Physics Letters A, 2015, 30, 1530008.	1.2	39
27	Heterotic non-abelian orbifolds. Journal of High Energy Physics, 2013, 2013, 1.	4.7	12
28	Classification of symmetric toroidal orbifolds. Journal of High Energy Physics, 2013, 2013, 1.	4.7	43
29	A note on discrete R symmetries in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mathvariant="double-struck"} \rangle \text{Z} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 6 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ orbifolds with Wilson lines. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 876-881.	4.1	20
30	The $\hat{1}/4$ term and neutrino masses. Nuclear Physics B, 2013, 866, 157-176.	2.5	21
31	Discrete R symmetries for the MSSM and its singlet extensions. Nuclear Physics B, 2011, 850, 1-30.	2.5	131
32	Heterotic MSSM on a resolved orbifold. Journal of High Energy Physics, 2010, 2010, 1.	4.7	47
33	A $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mathvariant="double-struck"} \rangle \text{Z} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ standard model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 683, .	4.1	90
34	Heterotic mini-landscape (II): Completing the search for MSSM vacua in a $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mathvariant="double-struck"} \rangle \text{Z} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 6 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ orbifold. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 668, 331-335.	4.1	123
35	(Non-)Abelian discrete anomalies. Nuclear Physics B, 2008, 805, 124-147.	2.5	96
36	Heterotic road to the MSSM with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle \text{R} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ parity. Physical Review D, 2008, 77, .	4.7	112

#	ARTICLE	IF	CITATIONS
37	Mirage torsion. Journal of High Energy Physics, 2007, 2007, 063-063.	4.7	43
38	Low Energy Supersymmetry from the Heterotic String Landscape. Physical Review Letters, 2007, 98, 181602.	7.8	61
39	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
40	Heterotic brane world. Physical Review D, 2004, 70, .	4.7	79