

# Pa Horváthy

## List of Publications by Year in descending order

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12  
papers

444  
citations

1163117

8  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

236  
citing authors

#	ARTICLE	IF	CITATIONS
1	The exotic Galilei group and the "Peierls substitution" Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 479, 284-290.	4.1	255
2	Geometrical spinoptics and the optical Hall effect. Journal of Geometry and Physics, 2007, 57, 925-941.	1.4	52
3	Symmetries of fluid dynamics with polytropic exponent. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 279, 215-222.	2.1	36
4	Wigner-Souriau translations and Lorentz symmetry of chiral fermions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 322-326.	4.1	32
5	Chiral decomposition in the non-commutative Landau problem. Annals of Physics, 2012, 327, 1730-1743.	2.8	13
6	Duality and helicity: the photon wave function approach. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 2375-2379.	2.1	13
7	Conformal symmetries and integrals of the motion in pp waves with external electromagnetic fields. Annals of Physics, 2020, 418, 168180.	2.8	11
8	"Kepler Harmonies" and conformal symmetries. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 324-328.	4.1	9
9	Anomalous Hall effect for semiclassical chiral fermions. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 507-510.	2.1	7
10	Helicity of spin-extended chiral particles. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 1677-1683.	2.1	7
11	Duality and helicity: A symplectic viewpoint. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 761, 265-268.	4.1	5
12	Anomalous properties of spin-extended chiral fermions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 502-506.	4.1	4