

# Pa Horváthy

## List of Publications by Year in descending order

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Version: 2024-02-01

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