

Ruben Manvelyan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	On special quartic interaction of higher spin gauge fields with scalars and gauge symmetry commutator in the linear approximation. Nuclear Physics B, 2021, 971, 115512.	2.5	6
2	Cubic interaction for higher spins in AdS+1 space in the explicit covariant form. Nuclear Physics B, 2020, 950, 114876.	2.5	9
3	Geometrical structure of Weyl invariants for spin three gauge field in general gravitational background in $d=4$. Nuclear Physics B, 2018, 937, 1-27.	2.5	7
4	Off-shell superconformal higher spin multiplets in four dimensions. Journal of High Energy Physics, 2017, 2017, 1.	4.7	38
5	Charged isotropic non-Abelian dyonic black branes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 745, 90-96.	4.1	0
6	Radial reduction and cubic interaction for higher spins in space. Nuclear Physics B, 2013, 872, 265-288.	2.5	19
7	A generating function for the cubic interactions of higher spin fields. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 410-415.	4.1	93
8	On nonlinear higher spin curvature. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 187-191.	4.1	14
9	CONFORMAL INVARIANT INTERACTION OF A SCALAR FIELD WITH HIGHER SPIN FIELD IN AdS _D . Modern Physics Letters A, 2010, 25, 1333-1348.	1.2	25
10	Off-shell construction of some trilinear higher spin gauge field interactions. Nuclear Physics B, 2010, 826, 1-17.	2.5	34
11	Generalized curvature and Ricci tensors for a higher spin potential and the trace anomaly in external higher spin fields in space. Nuclear Physics B, 2008, 796, 457-470.	2.5	13
12	Ultraviolet behaviour of higher spin gauge field propagators and one loop mass renormalization. Nuclear Physics B, 2008, 803, 405-427.	2.5	34
13	The quantum one loop trace anomaly of the higher spin conformal conserved currents in the bulk of. Nuclear Physics B, 2006, 733, 104-122.	2.5	14
14	The structure of the trace anomaly of higher spin conformal currents in the bulk of. Nuclear Physics B, 2006, 751, 285-303.	2.5	12
15	The masses of gauge fields in higher spin field theory on the bulk of AdS ₄ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 613, 197-207.	4.1	15
16	The off-shell behavior of propagators and the Goldstone field in higher spin gauge theory on space. Nuclear Physics B, 2005, 717, 3-18.	2.5	15
17	Conformal coupling of higher spin gauge fields to a scalar field in AdS ₄ and generalized Weyl invariance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 593, 253-261.	4.1	29