

Naruhiko Aizawa

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	$\mathbb{Z}_2 \times \mathbb{Z}_2$ -graded Lie symmetries of the $\mathcal{N}=2$ super-Liebracket equations. Progress of Theoretical and Experimental Physics, 2016, 2016, 123A01.	6.6	38
2	Intertwining operator realization of non-relativistic holography. Nuclear Physics B, 2010, 828, 581-593.	2.5	37
3	$\mathcal{N}=2$ -extension of double-graded supersymmetric and superconformal quantum mechanics. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 065205.	2.1	24
4	$\mathbb{Z}_2 \times \mathbb{Z}_2$ -graded mechanics: the classical theory. European Physical Journal C, 2020, 80, 1.	3.9	22
5	Chiral and real $\mathcal{N}=2$ supersymmetric \hat{g} -conformal Galilei algebras. Journal of Mathematical Physics, 2013, 54, .	1.1	18
6	\mathbb{Z}_2 -graded extensions of supersymmetric quantum mechanics via Clifford algebras. Journal of Mathematical Physics, 2020, 61, .	1.1	18
7	$\mathbb{Z}_2 \times \mathbb{Z}_2$ -graded mechanics: The quantization. Nuclear Physics B, 2021, 967, 115426.	2.5	7
8	$\mathbb{Z}_2 \times \mathbb{Z}_2$ generalizations of $\mathcal{N}=2$ super Schrödinger algebras and their representations. Journal of Mathematical Physics, 2017, 58, .	1.1	17
9	Generalization of Superalgebras to Color Superalgebras and Their Representations. Advances in Applied Clifford Algebras, 2018, 28, 1.	1.0	13
10	\hat{g} -oscillators from second-order invariant PDEs of the centrally extended conformal Galilei algebras. Journal of Mathematical Physics, 2015, 56, .	1.1	12
11	Invariant partial differential equations with two-dimensional exotic centrally extended conformal Galilei symmetry. Journal of Mathematical Physics, 2016, 57, 041701.	1.1	8
12	The quasi-nonassociative exceptional $F(4)$ deformed quantum oscillator. Journal of Mathematical Physics, 2018, 59, .	1.1	8
13	$\mathbb{Z}_2 \times \mathbb{Z}_2$ generalizations of $\mathcal{N}=1$ superconformal Galilei algebras and their representations. Journal of Mathematical Physics, 2019, 60, .	1.1	8
14	Comments of $\mathbb{Z}_2 \times \mathbb{Z}_2$ generalizations of $\mathcal{N}=1$ superconformal Galilei algebras and their representations in superfield formalism. Nuclear Physics B, 2022, 974, 115641.	2.5	7
15	Basic hypergeometric functions and covariant spaces for even-dimensional representations of $Uq[\mathfrak{osp}(1 2)]$. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 14985-15000.	2.1	6
16	A classification of lowest weight irreducible modules over \mathbb{Z}_2 -graded extension of $\mathfrak{osp}(1 2)$. Journal of Mathematical Physics, 2021, 62, .	1.1	6
17	On the spectrum-generating superalgebras of the deformed one-dimensional quantum oscillators. Journal of Mathematical Physics, 2019, 60, 042102.	1.1	5
18	$\hat{g}_{\mathbb{Z}_2}$ -Generalizations of Infinite-Dimensional Lie Superalgebra of Conformal Type with Complete Classification of Central Extensions. Reports on Mathematical Physics, 2020, 85, 351-373.	0.8	3

#	ARTICLE	IF	CITATIONS
19	Classification of the Reducible Verma Modules over the Jacobi Algebra G_2 . Journal of Physics A: Mathematical and Theoretical, 0, , .	2.1	1
20	Invariant differential operators for the Jacobi algebra \mathfrak{g}_2 . Modern Physics Letters A, 2022, 37, .	1.2	1
21	Noncommutative Structure of Quantum Group Coherent States. , 2009, , .		0
22	Representation of Conformal Galilei Algebra and Invariant Equations. , 2014, , .		0
23	Color Algebraic Extension of Supersymmetric Quantum Mechanics. , 2021, , 199-207.		0