

Anton V Galajinsky

List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Remarks on N supersymmetric extension of the Euler top. Nuclear Physics B, 2022, 975, 115668.	2.5	5
2	Generalised point vortices on a plane. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137119.	4.1	3
3	Dynamical realizations of the Lifshitz group. Physical Review D, 2022, 105, .	4.7	3
4	Generalized spinning particles on S^2 in accord with the Bianchi classification. European Physical Journal C, 2021, 81, 1.	3.9	1
5	Remarks on a $D(2,1;\alpha)$ super-Schwarzian derivative. Physical Review D, 2021, 103, .	4.7	4
6	$N = 1, 2, 3$ conformal Galilei superalgebras. Journal of High Energy Physics, 2021, 2021, 1.	4.7	0
7	Some metrics admitting nonpolynomial first integrals of the geodesic equation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136483.	4.1	3
8	$N=3$ super-Schwarzian from $OSp(3 2)$ invariants. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135885.	4.1	5
9	$N=4$ super-Schwarzian derivative via nonlinear realizations. Physical Review D, 2020, 102, .	4.7	6
10	Bianchi type-V spinning particle on S^2 . Journal of High Energy Physics, 2020, 2020, 1.	4.7	3
11	Super-Schwarzians via nonlinear realizations. Journal of High Energy Physics, 2020, 2020, 1.	4.7	6
12	Spinning extensions of $D(2, 1; \hat{1}\pm)$ superconformal mechanics. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
13	$N = 2$ supersymmetric extensions of relativistic Toda lattice. Journal of High Energy Physics, 2019, 2019, 1.	4.7	1
14	Schwarzian mechanics via nonlinear realizations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 277-280.	4.1	16
15	Eisenhart lift of 2-dimensional mechanics. European Physical Journal C, 2019, 79, 1.	3.9	7
16	Casimir operators of centrally extended l -conformal Galilei algebra. Nuclear Physics B, 2019, 943, 114618.	2.5	2
17	Comment on "Generalized near horizon extreme binary black hole geometry". Physical Review D, 2019, 100, .	4.7	0
18	Geometry of the isotropic oscillator driven by the conformal mode. European Physical Journal C, 2018, 78, 1.	3.9	9

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19	Ruijsenaars-Schneider three-body models with $N = 2$ supersymmetry. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	4
20	Dynamical Realization of $D(2; 1; \hat{1}\pm)$ which Links $\hat{1}\pm$ to Cosmological Constant. <i>Physics of Particles and Nuclei</i> , 2018, 49, 865-866.	0.7	0
21	A variant of Schwarzian mechanics. <i>Nuclear Physics B</i> , 2018, 936, 661-667.	2.5	9
22	Eisenhart lift in pseudo-Euclidean space and higher rank killing tensors. <i>Physics of Particles and Nuclei Letters</i> , 2017, 14, 328-330.	0.4	3
23	Eisenhart lift for higher derivative systems. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 765, 86-90.	4.1	8
24	$N=4$ l -conformal Galilei superalgebra. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 771, 401-407.	4.1	5
25	Couplings in $D(2, 1; \hat{1}\pm)$ superconformal mechanics from the $SU(2)$ perspective. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	10
26	$N=4$ $\hat{1}\pm$ -conformal Galilei superalgebras inspired by $D(2, 1; \hat{1}\pm)$ supermultiplets. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	4
27	Superconformal $SU(1, 1 n)$ mechanics. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	6
28	On the near horizon rotating black hole geometries with NUT charges. <i>European Physical Journal C</i> , 2016, 76, 1.	3.9	8
29	Ricci-flat spacetimes with l -conformal Galilei symmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 754, 249-253.	4.1	19
30	Self-dual metrics with maximally superintegrable geodesic flows. <i>Physical Review D</i> , 2015, 91, .	4.7	8
31	On dynamical realizations of l -conformal Galilei and Newton-Hooke algebras. <i>Nuclear Physics B</i> , 2015, 896, 244-254.	2.5	20
32	Ricci-flat spacetimes admitting higher rank Killing tensors. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 744, 320-324.	4.1	14
33	$N=4$ superconformal mechanics from the $su(2)$ perspective. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	15
34	Spherical mechanics for a particle near the horizon of extremal black hole. <i>Physics of Particles and Nuclei Letters</i> , 2014, 11, 890-893.	0.4	1
35	Dynamical realizations of non-relativistic conformal groups. <i>Physics of Particles and Nuclei Letters</i> , 2014, 11, 872-876.	0.4	1
36	Remark on integrable deformations of the Euler top. <i>Journal of Mathematical Analysis and Applications</i> , 2014, 416, 995-997.	1.0	13

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37	Superintegrable models related to near horizon extremal Myers-Perry black hole in arbitrary dimension. Journal of High Energy Physics, 2013, 2013, 1.	4.7	35
38	Particle collisions on near horizon extremal Kerr background. Physical Review D, 2013, 88, .	4.7	30
39	On two-dimensional integrable models with a cubic or quartic integral of motion. Journal of High Energy Physics, 2013, 2013, 1.	4.7	5
40	Dynamical realization of l-conformal Galilei algebra and oscillators. Nuclear Physics B, 2013, 866, 212-227.	2.5	47
41	Dynamical realizations of l-conformal Newton-Hooke group. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 190-195.	4.1	41
42	Action-angle variables for spherical mechanics related to near horizon extremal Myers-Perry black hole. Journal of Physics: Conference Series, 2013, 474, 012019.	0.4	11
43	Near horizon black holes in diverse dimensions and integrable models. Physical Review D, 2013, 87, .	4.7	18
44	Higher rank Killing tensors and Calogero model. Physical Review D, 2012, 85, .	4.7	19
45	superparticle near horizon of extreme Kerr-Newman-AdS-dS black hole. Nuclear Physics B, 2011, 850, 339-348.	2.5	35
46	Remarks on l-conformal extension of the Newton-Hooke algebra. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 702, 265-267.	4.1	53
47	Conformal mechanics inspired by extremal black holes in $d = 4$. Journal of High Energy Physics, 2011, 2011, 1.	4.7	18
48	Particle dynamics near extreme Kerr throat and supersymmetry. Journal of High Energy Physics, 2010, 2010, 1.	4.7	34
49	Conformal mechanics in Newton-Hooke spacetime. Nuclear Physics B, 2010, 832, 586-604.	2.5	51
50	$N=4$ mechanics, WDVV equations and roots. Journal of High Energy Physics, 2009, 2009, 113-113.	4.7	31
51	Remark on quantum mechanics with Schrödinger supersymmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 675, 116-122.	4.1	31
52	$N=2$ superconformal Newton-Hooke algebra and many-body mechanics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 510-515.	4.1	24
53	Harmonic $N=2$ mechanics. Physical Review D, 2009, 80, .	4.7	16
54	Particle dynamics on $AdS_2 \times S^2$ with two-form flux. Physical Review D, 2008, 78, .	4.7	25

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55	? = 4 superconformal Calogero models. Journal of High Energy Physics, 2007, 2007, 008-008.	4.7	46
56	Calogero models and nonlocal conformal transformations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 643, 221-227.	4.1	38
57	New many-body superconformal models as reductions of simple composite systems. Physical Review D, 2003, 68, .	4.7	25
58	Remarks on N = 4 Superconformal Extension of the Calogero Model. Modern Physics Letters A, 2003, 18, 1493-1498.	1.2	17
59	Geometry of an N=4 twisted string. Physical Review D, 2002, 65, .	4.7	3
60	Complete Lagrangian formulation for N=4 topological string. Physical Review D, 2002, 65, .	4.7	5
61	Can one restore Lorentz invariance in quantum N=2 string?. Nuclear Physics B, 2002, 630, 151-162.	2.5	4
62	Restoring Lorentz invariance in classical N=2 string. Nuclear Physics B, 2001, 606, 119-136.	2.5	8
63	A heterotic N=2 string with space-time supersymmetry. Nuclear Physics B, 2001, 609, 410-428.	2.5	5
64	Consistent Batalin-Fradkin quantization of infinitely reducible first class constraints. Physical Review D, 2000, 62, .	4.7	1
65	Towards a stringy extension of self-dual super Yang-Mills. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 460, 288-294.	4.1	6
66	A Linear Realization for the New Space-Time Superalgebras in 10 and 11 Dimensions. Modern Physics Letters A, 1997, 12, 1517-1529.	1.2	9
67	A Covariant Action for the 11-Dimensional Superstring. Modern Physics Letters A, 1997, 12, 2993-3002.	1.2	4
68	Green-Schwarz superstring in extended configuration space and the infinitely reducible first class constraints problem. Physical Review D, 1996, 54, 5195-5202.	4.7	4