

# Aleksandr Pinzul

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

800  
citations

706676

14  
h-index

591227

27  
g-index

52  
all docs

52  
docs citations

52  
times ranked

281  
citing authors

#	ARTICLE	IF	CITATIONS
1	Superselection, boundary algebras, and duality in gauge theories. <i>Physical Review D</i> , 2022, 106, .	1.6	0
2	Exact solutions for scalars and spinors on quantized Euclidean $AdS_2$ space and the correspondence principle. <i>Physical Review D</i> , 2021, 104, .	1.6	0
3	Radiatively corrected Kaluza-Klein masses in an aether compactification. <i>Physical Review D</i> , 2020, 102, .	1.6	1
4	Asymptotic commutativity of quantized spaces: The case of $CP_{p,q}$ . <i>Physical Review D</i> , 2020, 102, .	1.6	1
5	Spectral action approach to higher derivative gravity. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	4
6	Noncommutative $AdS_2/CFT_1$ duality: The case of massive and interacting scalar fields. <i>Physical Review D</i> , 2019, 100, .	1.6	4
7	Dimensional Deception for the Noncommutative Torus. <i>Springer Proceedings in Physics</i> , 2019, , 243-257.	0.1	0
8	Noncommutative $AdS_2/CFT_1$ duality: The case of massless scalar fields. <i>Physical Review D</i> , 2017, 96, .	1.6	12
9	Dimensional deception from noncommutative tori: An alternative to the Horava-Lifshitz model. <i>Physical Review D</i> , 2017, 96, .	1.6	3
10	Infrared Horava-Lifshitz gravity coupled to Lorentz violating matter: a spectral action approach. <i>Classical and Quantum Gravity</i> , 2016, 33, 045008.	1.5	11
11	Spectral geometry approach to Horava-Lifshitz type theories: gravity and matter sectors in IR regime. , 2016, , .		3
12	On geodesics in space-times with a foliation structure: a spectral geometry approach. <i>Classical and Quantum Gravity</i> , 2014, 31, 205010.	1.5	4
13	Heat kernel for flat generalized Laplacians with anisotropic scaling. <i>Journal of Mathematical Physics</i> , 2014, 55, 063503.	0.5	8
14	Noncommutative effects in entropic gravity. <i>Physical Review D</i> , 2013, 88, .	1.6	15
15	UV/IR mixing as a twisted Poincaré anomaly. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2012, 45, 075401.	0.7	6
16	On a spectral geometry approach to Horava-Lifshitz gravity: a spectral dimension. <i>Classical and Quantum Gravity</i> , 2011, 28, 195005.	1.5	14
17	Quantum integrability of the Alday-Arutyunov-Frolov model. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	6
18	Thermodynamics of the quantum $su(1, 1)$ Landau-Lifshitz model. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010, 2010, P06007.	0.9	4

#	ARTICLE	IF	CITATIONS
19	Higher charges and regularized quantum trace identities in $su(1,1)$ Landau-Lifshitz model. Journal of Mathematical Physics, 2010, 51, 123501.	0.5	6
20	On quantum integrability of the Landau-Lifshitz model. Journal of Mathematical Physics, 2009, 50, 103518.	0.5	11
21	QED ON THE GROENEWOLD-MOYAL PLANE. International Journal of Modern Physics A, 2009, 24, 4789-4804.	0.5	9
22	Twisted Poincaré invariance, noncommutative gauge theories and UV-IR mixing. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 668, 241-245.	1.5	18
23	Gauge theory of the star product. Nuclear Physics B, 2008, 791, 284-297.	0.9	9
24	$S$ matrix on the Moyal plane: Locality versus Lorentz invariance. Physical Review D, 2008, 77, .	1.6	14
25	Twisted Poincaré invariant quantum field theories. Physical Review D, 2008, 77, .	1.6	31
26	On S-matrix factorization of the Landau-Lifshitz model. Journal of High Energy Physics, 2008, 2008, 002-002.	1.6	8
27	Light propagation in a background field for time-space non-commutativity and axionic non-commutative QED. Nuclear Physics B, 2007, 764, 95-108.	0.9	12
28	Statistics and UV-IR mixing with twisted Poincaré invariance. Physical Review D, 2007, 75, .	1.6	89
29	Twisted gauge and gravity theories on the Groenewold-Moyal plane. Physical Review D, 2007, 76, .	1.6	36
30	Dark matter self-interactions from higher dimensional gravity. Physical Review D, 2006, 73, .	1.6	0
31	UV-IR mixing in non-commutative plane. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 634, 434-436.	1.5	57
32	Noncommutative AdS 3 with quantized cosmological constant. Classical and Quantum Gravity, 2006, 23, 1009-1021.	1.5	11
33	SPIN AND STATISTICS ON THE GROENEWOLD-MOYAL PLANE: PAULI-FORBIDDEN LEVELS AND TRANSITIONS. International Journal of Modern Physics A, 2006, 21, 3111-3126.	0.5	114
34	TWISTED POINCARÉ GROUP AND SPIN-STATISTICS. International Journal of Modern Physics A, 2005, 20, 6268-6277.	0.5	8
35	ON TIME-SPACE NONCOMMUTATIVITY FOR TRANSITION PROCESSES AND NONCOMMUTATIVE SYMMETRIES. Modern Physics Letters A, 2005, 20, 2023-2034.	0.5	20
36	SCALE TRANSFORMATIONS ON THE NONCOMMUTATIVE PLANE AND THE SEIBERG-WITTEN MAP. International Journal of Modern Physics A, 2005, 20, 5871-5890.	0.5	8

#	ARTICLE	IF	CITATIONS
37	A perturbative approach to fuzzifying field theories. Nuclear Physics B, 2005, 718, 371-393.	0.9	2
38	Space-time noncommutativity from particle mechanics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 593, 279-286.	1.5	25
39	Can classical wormholes stabilize the brane-anti-brane system?. Nuclear Physics B, 2004, 676, 325-345.	0.9	2
40	WÄŁ ALGEBRAS FROM NONCOMMUTATIVE CHERN-SIMONS THEORY. Modern Physics Letters A, 2003, 18, 1215-1223.	0.5	13
41	Edge States from Defects on the Noncommutative Plane. Modern Physics Letters A, 2003, 18, 2509-2516.	0.5	10
42	Fate of the Born-Infeld Solution in String Theory. Modern Physics Letters A, 2003, 18, 1681-1689.	0.5	2
43	A New Class of Two-Dimensional Noncommutative Spaces. Journal of High Energy Physics, 2002, 2002, 039-039.	1.6	12
44	Generalized coherent state approach to star products and applications to the fuzzy sphere. Nuclear Physics B, 2001, 600, 531-547.	0.9	87
45	Dirac operator on the quantum sphere. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 512, 217-224.	1.5	19
46	Absence of the holographic principle in noncommutative Chern-Simons theory. Journal of High Energy Physics, 2001, 2001, 023-023.	1.6	18
47	Spectroscopic exhibitions of large-amplitude motions in halogen-containing coordination systems. , 2000, 4063, 180.		1
48	Dual Instantons. Physical Review Letters, 2000, 85, 1374-1377.	2.9	2
49	Vacuum polarization at finite temperature on a cone. Physical Review D, 1995, 51, 2770-2774.	1.6	43
50	Uncertainties in quantum measurements: A quantum tomography. Journal of Physics A: Mathematical and Theoretical, 0, , .	0.7	0