

# Hrvoje Nikolic

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

440  
citations

759233

12  
h-index

752698

20  
g-index

38  
all docs

38  
docs citations

38  
times ranked

143  
citing authors

#	ARTICLE	IF	CITATIONS
1	Relativistic Quantum Mechanics and the Bohmian Interpretation. Foundations of Physics Letters, 2005, 18, 549-561.	0.6	72
2	Quantum Mechanics: Myths and Facts. Foundations of Physics, 2007, 37, 1563-1611.	1.3	48
3	Bohmian Particle Trajectories in Relativistic Bosonic Quantum Field Theory. Foundations of Physics Letters, 2004, 17, 363-380.	0.6	31
4	Relativistic contraction of an accelerated rod. American Journal of Physics, 1999, 67, 1007-1012.	0.7	29
5	THE GENERAL-COVARIANT AND GAUGE-INVARIANT THEORY OF QUANTUM PARTICLES IN CLASSICAL BACKGROUNDS. International Journal of Modern Physics D, 2003, 12, 407-444.	2.1	19
6	Bohmian Particle Trajectories in Relativistic Fermionic Quantum Field Theory. Foundations of Physics Letters, 2005, 18, 123-138.	0.6	18
7	QFT AS PILOT-WAVE THEORY OF PARTICLE CREATION AND DESTRUCTION. International Journal of Modern Physics A, 2010, 25, 1477-1505.	1.5	17
8	HORAVA'S LIFSHITZ GRAVITY, ABSOLUTE TIME, AND OBJECTIVE PARTICLES IN CURVED SPACE. Modern Physics Letters A, 2010, 25, 1595-1601.	1.2	17
9	Causal Paradoxes: A Conflict Between Relativity and the Arrow of Time. Foundations of Physics Letters, 2006, 19, 259-267.	0.6	14
10	THE ROLE OF ACCELERATION AND LOCALITY IN THE TWIN PARADOX. Foundations of Physics Letters, 2000, 13, 595-601.	0.6	13
11	Relativistic Bohmian interpretation of quantum mechanics. AIP Conference Proceedings, 2006, , .	0.4	12
12	UNPARTICLE AS A PARTICLE WITH ARBITRARY MASS. Modern Physics Letters A, 2008, 23, 2645-2649.	1.2	12
13	The Universal Arrow of Time. Foundations of Physics, 2012, 42, 1165-1185.	1.3	12
14	TIME IN RELATIVISTIC AND NONRELATIVISTIC QUANTUM MECHANICS. International Journal of Quantum Information, 2009, 07, 595-602.	1.1	11
15	The time distribution of quantum events. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 396, 127247.	2.1	11
16	Classical Mechanics Without Determinism. Foundations of Physics Letters, 2006, 19, 553-566.	0.6	9
17	PROBABILITY IN RELATIVISTIC QUANTUM MECHANICS AND FOLIATION OF SPACE-TIME. International Journal of Modern Physics A, 2007, 22, 6243-6251.	1.5	9
18	Probability in Relativistic Bohmian Mechanics of Particles and Strings. Foundations of Physics, 2008, 38, 869-881.	1.3	9

#	ARTICLE	IF	CITATIONS
19	Gravitational crystal inside the black hole. <i>Modern Physics Letters A</i> , 2015, 30, 1550201.	1.2	8
20	INAPPROPRIATENESS OF THE RINDLER QUANTIZATION. <i>Modern Physics Letters A</i> , 2001, 16, 579-581.	1.2	7
21	BLACK HOLES RADIATE BUT DO NOT EVAPORATE. <i>International Journal of Modern Physics D</i> , 2005, 14, 2257-2261.	2.1	7
22	QUANTUM DETERMINISM FROM QUANTUM GENERAL COVARIANCE. <i>International Journal of Modern Physics D</i> , 2006, 15, 2171-2175.	2.1	6
23	Boson-Fermion Unification, Superstrings, and Bohmian Mechanics. <i>Foundations of Physics</i> , 2009, 39, 1109-1138.	1.3	6
24	If time is a local observable, then Hawking radiation is unitary. <i>International Journal of Quantum Information</i> , 2014, 12, 1560001.	1.1	6
25	Bohmian mechanics for instrumentalists. <i>International Journal of Quantum Information</i> , 2019, 17, 1950029.	1.1	6
26	Is zero-point energy physical? A toy model for Casimir-like effect. <i>Annals of Physics</i> , 2017, 383, 181-195.	2.8	5
27	Arrival time from the general theory of quantum time distributions. <i>European Physical Journal Plus</i> , 2022, 137, .	2.6	5
28	THE SPACETIME VIEW OF THE INFORMATION PARADOX. <i>International Journal of Quantum Information</i> , 2012, 10, 1250024.	1.1	4
29	Analog gravity in nonisentropic fluids. <i>Classical and Quantum Gravity</i> , 2018, 35, 135008.	4.0	4
30	MAKING NONLOCAL REALITY COMPATIBLE WITH RELATIVITY. <i>International Journal of Quantum Information</i> , 2011, 09, 367-377.	1.1	3
31	SOLIPSISTIC HIDDEN VARIABLES. <i>International Journal of Quantum Information</i> , 2012, 10, 1241016.	1.1	3
32	Knowledge of Quantum Hidden Variables Enables Backwards-In-Time Signaling. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4477.	2.5	3
33	Interpretation miniatures. <i>International Journal of Quantum Information</i> , 2017, 15, 1740001.	1.1	2
34	Analog Schwarzschild Black Hole from a Nonisentropic Fluid. <i>Universe</i> , 2021, 7, 413.	2.5	1
35	Classical Mechanics as Nonlinear Quantum Mechanics. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	0
36	Hidden Variables with Nonlocal Time. <i>Foundations of Physics</i> , 2012, 42, 632-646.	1.3	0

#	ARTICLE	IF	CITATIONS
37	Relativistic QFT from a Bohmian Perspective: A Proof of Concept. Foundations of Physics, 2022, 52, .	1.3	0