

Franck Lalo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51
papers

629
citations

11
h-index

25
g-index

65
ext. papers

681
ext. citations

2.7
avg, IF

4.02
L-index

#	Paper	IF	Citations
51	A model of quantum collapse induced by gravity. <i>European Physical Journal D</i> , 2020 , 74, 1	1.3	1
50	Present Situation, Remaining Conceptual Difficulties 2019 , 21-48		
49	The Theorem of Einstein, Podolsky, and Rosen 2019 , 49-72		
48	Bell Theorem 2019 , 73-116		
47	Other Inequalities, Cirelson's Limit, Signaling 2019 , 117-152		
46	More Theorems 2019 , 153-188		
45	Quantum Entanglement 2019 , 189-222		
44	Applications of Quantum Entanglement 2019 , 223-242		
43	Quantum Measurement 2019 , 243-274		
42	Experiments: Quantum Reduction Seen in Real Time 2019 , 275-292		
41	Various Interpretations and Reconstructions of Quantum Mechanics 2019 , 293-404		
40	Annex: Basic Mathematical Tools of Quantum Mechanics 2019 , 409-432		
39	Mental Content of the State Vector 2019 , 433-434		
38	Bell Inequalities in Nondeterministic Local Theories 2019 , 435-438		
37	Attempting to Construct a Separable Quantum Theory 2019 , 439-441		
36	Maximal Probability for a State 2019 , 442-442		
35	The Influence of Pair Selection 2019 , 443-446		

34	Impossibility of Superluminal Communication 2019 , 447-451		
33	Quantum Measurements at Different Times 2019 , 452-456		
32	Manipulating and Preparing Additional Variables 2019 , 457-459		
31	Correlations and Trajectories in Bohmian Theory 2019 , 460-472		
30	Models for Spontaneous Reduction of the State Vector 2019 , 473-477		
29	Consistent Families of Histories 2019 , 478-480		
28	Attractive Schrödinger Dynamics 2019 , 481-488		
27	Do We Really Understand Quantum Mechanics? 2019 ,		11
26	The Pilot-Wave Theory: Problems and Difficulties. <i>The Frontiers Collection</i> , 2017 , 165-193	0.3	
25	The Pilot Wave Theory of Louis de Broglie and David Bohm. <i>The Frontiers Collection</i> , 2017 , 127-164	0.3	
24	Modified Schrödinger dynamics with attractive densities. <i>European Physical Journal D</i> , 2015 , 69, 1	1.3	5
23	Angular momentum conservation in measurements on spin Bose-Einstein condensates. <i>European Physical Journal D</i> , 2014 , 68, 1	1.3	
22	Heating of trapped ultracold atoms by collapse dynamics. <i>Physical Review A</i> , 2014 , 90,	2.6	50
21	Statistical Estimation of Mechanical Parameters of Clarinet Reeds Using Experimental and Numerical Approaches. <i>Acta Acustica United With Acustica</i> , 2014 , 100, 555-573	1.5	9
20	Do We Really Understand Quantum Mechanics? 2012 ,		80
19	Bibliometric evaluation of individual researchers: not even right... not even wrong!. <i>Europhysics News</i> , 2009 , 40, 26-29	0.2	15
18	Évaluation bibliométrique des chercheurs : même pas juste ! même pas fausse ! 2009 , 23-24	0.1	1
17	Superfluid transition of homogeneous and trapped two-dimensional Bose gases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 1476-81	11.5	62

16	Bose-Einstein transition temperature in a dilute repulsive gas. <i>Comptes Rendus Physique</i> , 2004 , 5, 21-37	1.4	26
15	Nonanalytic dependence of the transition temperature of the homogeneous dilute Bose gas on scattering length. <i>Physical Review Letters</i> , 2001 , 87, 120403	7.4	54
14	The Transition Temperature of the Dilute Interacting Bose Gas. <i>Physical Review Letters</i> , 1999 , 83, 1703-1706	17.06	183
13	The Effects of Spin in Gases. <i>Scientific American</i> , 1988 , 258, 94-101	0.5	6
12	Liquefaction of Highly Polarized ^3He . <i>Japanese Journal of Applied Physics</i> , 1987 , 26, 205	1.4	1
11	New Value for the Metastability Exchange Cross Section in Helium. <i>Physical Review Letters</i> , 1971 , 27, 467-470	7.4	38
10	Étude des signaux de détection lumineuse dans une expérience de pompage optique. Orientation dans une décharge de niveaux atomiques excités. <i>Annales De Physique</i> , 1971 , 14, 5-69		15
9	Étude d'une nouvelle méthode permettant d'orienter, par pompage optique, des niveaux atomiques excités. Application à la mesure de la structure hyperfine de niveaux 1D de ^3He . <i>Journal De Physique</i> , 1970 , 31, 173-194		50
8	Bell theorem	56-99	
7	Present situation, remaining conceptual difficulties	17-37	
6	Applications of quantum entanglement	150-167	1
5	Experiments: quantum reduction seen in real time	195-210	
4	Various interpretations	211-303	
3	An attempt for constructing a separable quantum theory (non-deterministic but local)	332-334	
2	Quantum measurements at different times	345-349	
1	Manipulating and preparing additional variables	350-352	