

Vladimir Akulin

List of Publications by Year in descending order

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13
papers

1,261
citations

840776

11
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

894
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum state engineering of the radiation field. <i>Physical Review Letters</i> , 1993, 71, 1816-1819.	7.8	346
2	Many-Body Effects in a Frozen Rydberg Gas. <i>Physical Review Letters</i> , 1998, 80, 253-256.	7.8	300
3	Bose-Einstein Condensates with $1/r$ Interatomic Attraction: Electromagnetically Induced "Gravity". <i>Physical Review Letters</i> , 2000, 84, 5687-5690.	7.8	171
4	Morphology control of the supported islands grown from soft-landed clusters. <i>Surface Science</i> , 1999, 443, 76-88.	1.9	115
5	Quantum demolition measurement of photon statistics by atomic beam deflection. <i>Physical Review Letters</i> , 1992, 69, 3298-3301.	7.8	85
6	Complete Control of Hamiltonian Quantum Systems: Engineering of Floquet Evolution. <i>Physical Review Letters</i> , 1999, 82, 1-5.	7.8	67
7	Landau-Zener transition to a decaying level. <i>Physical Review A</i> , 1992, 46, 4110-4113.	2.5	65
8	Quantum lens for atomic waves. <i>Physical Review Letters</i> , 1994, 72, 437-441.	7.8	38
9	Photon statistics of a two-mode squeezed vacuum. <i>Physical Review A</i> , 1993, 48, 2398-2406.	2.5	34
10	Experimental Evidence for the Entropy Effect in Coulombic Cluster Fission. <i>Physical Review Letters</i> , 1996, 77, 251-254.	7.8	21
11	Level-band problem and many-body effects in cold Rydberg atoms. <i>Physica D: Nonlinear Phenomena</i> , 1999, 131, 125-140.	2.8	19
12	A universal quantum processor already exists and just waits for the proper programming. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2018, 51, 02LT01.	1.5	0
13	Nonlinear coupling of photons via a collective mode of transparent superconductor. <i>European Physical Journal D</i> , 2019, 73, 1.	1.3	0