

# Jacek Matulewski

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

83  
citations

1478505

6  
h-index

1588992

8  
g-index

27  
all docs

27  
docs citations

27  
times ranked

69  
citing authors

#	ARTICLE	IF	CITATIONS
1	An object-oriented implementation of a solver of the time-dependent Schrödinger equation using the CUDA technology. <i>Computer Physics Communications</i> , 2012, 183, 800-812.	7.5	16
2	Stabilization of one-dimensional soft-core and singular model atoms. <i>European Physical Journal D</i> , 2010, 59, 321-327.	1.3	9
3	Drift of the scattered wave packet in strong-field atomic stabilization. <i>Physical Review A</i> , 2000, 61, .	2.5	7
4	Effects of dynamic disorder on the charge transport via DNA molecules. <i>Physical Chemistry Chemical Physics</i> , 2005, 7, 1514.	2.8	7
5	Photoionization by pulses with a modulated frequency. <i>Physical Review A</i> , 1998, 57, 4561-4571.	2.5	6
6	Dynamics of strong-field photoionization in two dimensions for short-range binding potentials. <i>Physical Review A</i> , 2003, 68, .	2.5	6
7	Adiabatic stabilization against photoionization in a constant magnetic field. <i>Physical Review A</i> , 2003, 68, .	2.5	5
8	Open-source Software for Determining the Dynamic Areas of Interest for Eye Tracking Data Analysis. <i>Procedia Computer Science</i> , 2021, 192, 2568-2575.	2.0	5
9	Recombination of an atomic system in one, two, and three dimensions in the presence of an ultrastrong attosecond laser pulse: A comparison of results obtained using a Coulomb and a smoothed Coulomb potential. <i>Physical Review A</i> , 2009, 79, .	2.5	4
10	Recombination in strong laser fields: Manifestation of a slow drift. <i>Physical Review A</i> , 2006, 74, .	2.5	3
11	An object-oriented C++ implementation of Davidson method for finding a few selected extreme eigenpairs of a large, sparse, real, symmetric matrix. <i>Computer Physics Communications</i> , 2007, 177, 676-682.	7.5	3
12	Simulation of the Coulomb gap evolution in the Coulomb glass. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2008, 5, 694-698.	0.8	3
13	Base sequence dependence of charge transport via short DNA bridges. <i>Physica Status Solidi (B): Basic Research</i> , 2004, 241, R46-R48.	1.5	2
14	Recombination of an atomic system with a short-range potential in the presence of ultra-strong attosecond laser pulses. <i>European Physical Journal: Special Topics</i> , 2007, 144, 155-160.	2.6	2
15	Numerical investigation of strong-field photoionization rates. <i>Physical Review A</i> , 2010, 82, .	2.5	2
16	Simulation of the phononless hopping in a Coulomb glass. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006, 3, 279-282.	0.8	1
17	On the application of the Edwards's Anderson order parameter to the Coulomb glass. <i>Physica Status Solidi (B): Basic Research</i> , 2008, 245, 481-484.	1.5	1
18	Quantum one-dimensional Coulomb atom. <i>Optics Communications</i> , 2013, 290, 92-94.	2.1	1

#	ARTICLE	IF	CITATIONS
19	Control of a two-colour photoionization through a time delay between two components of the laser pulse. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1999, 251, 205-211.	2.1	0
20	The influence of the water surrounding on a long-distance electron transport in the DNA. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2008, 5, 714-717.	0.8	0
21	Three-dimensional numerical simulations in attosecond physics regime using the CUDA technology: the stabilization phenomenon. , 2011, , .		0
22	Stabilization phenomenon revisited in attosecond regime: Applicability of a regularized potential. <i>Optics Communications</i> , 2013, 288, 66-71.	2.1	0
23	Moveye. , 2018, , .		0
24	Strategie szacowania miejsca liczb na osi u dzieci z dyskalkuliÄ... i typowo rozwijajÄ...cych siÄ™. , 2021, 64, 39-66.		0
25	Heterogeneity of Dyscalculia Risk Dependent on the Type of Number Line Estimation Task and the Number Magnitude. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6164.	2.6	0
26	Learnability evaluation of the markup language for designing applications controlled by gaze. <i>International Journal of Human Computer Studies</i> , 2022, 165, 102863.	5.6	0
27	Number line estimation strategies used by children with dyscalculia and typically developing controls. , 2022, 64, .		0