Jacek Matulewski

List of Publications by Year
in descending order

27	83	1478505 6	1588992 8
papers	citations	h-index	g-index

27	27	27	69
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Heterogeneity of Dyscalculia Risk Dependent on the Type of Number Line Estimation Task and the Number Magnitude. International Journal of Environmental Research and Public Health, 2022, 19, 6164.	2.6	0
2	Learnability evaluation of the markup language for designing applications controlled by gaze. International Journal of Human Computer Studies, 2022, 165, 102863.	5.6	0
3	Number line estimation strategies used by children with dyscalculia and typically developing controls. , 2022, 64, .		0
4	Open-source Software for Determining the Dynamic Areas of Interest for Eye Tracking Data Analysis. Procedia Computer Science, 2021, 192, 2568-2575.	2.0	5
5	Strategie szacowania miejsca liczb na osi u dzieci z dyskalkuliÄ... i typowo rozwijajÄ...cych siÄ™. , 2021, 64, 39-66.		0
6	Moveye. , 2018, , .		0
7	Stabilization phenomenon revisited in attosecond regime: Applicability of a regularized potential. Optics Communications, 2013, 288, 66-71.	2.1	0
8	Quantum one-dimensional Coulomb atom. Optics Communications, 2013, 290, 92-94.	2.1	1
9	An object-oriented implementation of a solver of the time-dependent SchrÃ¶dinger equation using the CUDA technology. Computer Physics Communications, 2012, 183, 800-812.	7.5	16
10	Three-dimensional numerical simulations in attosecond physics regime using the CUDA technology: the stabilization phenomenon. , 2011, , .		0
11	Stabilization of one-dimensional soft-core and singular model atoms. European Physical Journal D, 2010, 59, 321-327.	1.3	9
12	Numerical investigation of strong-field photoionization rates. Physical Review A, 2010, 82, .	2.5	2
13	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. Physical Review A, 2009, 79, .	2.5	4
14	Simulation of the Coulomb gap evolution in the Coulomb glass. Physica Status Solidi C: Current Topics in Solid State Physics, 2008, 5, 694-698.	0.8	3
15	The influence of the water surrounding on a longâ€distance electron transport in the DNA. Physica Status Solidi C: Current Topics in Solid State Physics, 2008, 5, 714-717.	0.8	0
16	On the application of the Edwardsâ€“Anderson order parameter to the Coulomb glass. Physica Status Solidi (B): Basic Research, 2008, 245, 481-484.	1.5	1
17	An object-oriented C++ implementation of Davidson method for finding a few selected extreme eigenpairs of a large, sparse, real, symmetric matrix. Computer Physics Communications, 2007, 177, 676-682.	7.5	3
18	Recombination of an atomic system with a short-range potential in the presence of ultra-strong attosecond laser pulses. European Physical Journal: Special Topics, 2007, 144, 155-160.	2.6	2

#	Article	IF	Citations
19	Simulation of the phononless hopping in a Coulomb glass. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 279-282.	0.8	1
20	Recombination in strong laser fields: Manifestation of a slow drift. Physical Review A, 2006, 74, .	2.5	3
21	Effects of dynamic disorder on the charge transport via DNA molecules. Physical Chemistry Chemical Physics, 2005, 7, 1514.	2.8	7
22	Base sequence dependence of charge transport via short DNA bridges. Physica Status Solidi (B): Basic Research, 2004, 241, R46-R48.	1.5	2
23	Adiabatic stabilization against photoionization in a constant magnetic field. Physical Review A, 2003, 68, .	2.5	5
24	Dynamics of strong-field photoionization in two dimensions for short-range binding potentials. Physical Review A, 2003, 68, .	2.5	6
25	Drift of the scattered wave packet in strong-field atomic stabilization. Physical Review A, 2000, 61, .	2.5	7
26	Control of a two-colour photoionization through a time delay between two components of the laser pulse. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 251, 205-211.	2.1	0
27	Photoionization by pulses with a modulated frequency. Physical Review A, 1998, 57, 4561-4571.	2.5	6