

# Ferenc Jarai-Szabo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5154454/publications.pdf>

Version: 2024-02-01

26  
papers

655  
citations

1039880

9  
h-index

677027

22  
g-index

26  
all docs

26  
docs citations

26  
times ranked

739  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the size distribution of Poisson Voronoi cells. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 385, 518-526.	1.2	454
2	Understanding self-assembled nanosphere patterns. <i>Chemical Physics Letters</i> , 2005, 408, 241-246.	1.2	38
3	Community detection by graph Voronoi diagrams. <i>New Journal of Physics</i> , 2014, 16, 063007.	1.2	22
4	Fully differential study of wave packet scattering in ionization of helium by proton impact. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 13LT02.	0.6	21
5	Semiclassical description of kinematically complete experiments. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2007, 40, 4259-4267.	0.6	20
6	Theoretical investigations on the projectile coherence effects in fully differential ionization cross sections. <i>European Physical Journal D</i> , 2015, 69, 1.	0.6	20
7	Interferences in electron emission spectra from 1, 3 and 5 MeV H <sup>++</sup> N <sub>2</sub> collisions. <i>Journal of Physics: Conference Series</i> , 2007, 58, 215-218.	0.3	12
8	Shake-induced order in nanosphere systems. <i>European Physical Journal E</i> , 2007, 23, 153-159.	0.7	11
9	Chaos on the conveyor belt. <i>Physical Review E</i> , 2013, 87, 042920.	0.8	9
10	Spring-block approach for nanobristle patterns. <i>Chemical Physics Letters</i> , 2011, 511, 378-383.	1.2	7
11	Earthquake model describes traffic jams caused by imperfect driving styles. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2012, 391, 5727-5738.	1.2	7
12	Spring-block model for a single-lane highway traffic. <i>Open Physics</i> , 2011, 9, 1002-1009.	0.8	6
13	Mitigating ageing bias in article level metrics using citation network analysis. <i>Journal of Informetrics</i> , 2021, 15, 101105.	1.4	6
14	The effect of projectile wave packet width on the fully differential ionization cross-sections. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2018, 51, 144005.	0.6	5
15	Projectile Coherence Effects in Simple Atomic Systems. <i>Journal of Physics: Conference Series</i> , 2020, 1412, 062007.	0.3	4
16	Cell-size distribution and scaling in a one-dimensional Kolmogorov-Johnson-Mehl-Avrami lattice model with continuous nucleation. <i>Physical Review E</i> , 2017, 96, 042145.	0.8	3
17	Spring-block approach for crack patterns in glass. <i>Open Physics</i> , 2012, 10, .	0.8	2
18	Projectile coherence effects analyzed using impact parameters determined by classical trajectory Monte Carlo calculations. <i>Journal of Physics: Conference Series</i> , 2020, 1412, 152032.	0.3	2

#	ARTICLE	IF	CITATIONS
19	WINNING STRATEGIES IN CONGESTED TRAFFIC. International Journal of Modern Physics C, 2012, 23, 1250063.	0.8	1
20	Fragmentation of drying paint layers. , 2013, , .		1
21	Projectile coherence effects studied by abinitio calculations. Journal of Physics: Conference Series, 2015, 635, 022037.	0.3	1
22	Stochastic graph Voronoi tessellation reveals community structure. Physical Review E, 2017, 95, 022306.	0.8	1
23	Theoretical study on projectile coherence effects in fully differential ionization cross sections. Journal of Physics: Conference Series, 2017, 875, 092009.	0.3	1
24	Deepening secondary students understanding of physics through escape games. AIP Conference Proceedings, 2019, , .	0.3	1
25	Semiclassical fully differential ionization cross sections of helium with negatively charged fast projectiles. Open Physics, 2011, 9, .	0.8	0
26	Projectile coherence effects investigated for the ionization of helium. Journal of Physics: Conference Series, 2014, 488, 082011.	0.3	0