Kirill A Kazakov

List of Publications by Year
in descending order

| 27 papers | 193 citations | 1307594 7 h-index | 1125743 13 g-index |

| 28 all docs | 28 docs citations | 28 times ranked | 80 citing authors |

#	Article	IF	Citations
1	A quantum bound on the 1/f noise in semiconductors with a conical energy-momentum dispersion. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 419, 127741.	2.1	1
2	1/f noise and quantum indeterminacy. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126812.	2.1	4
3	Numerical study of strongly-nonlinear regimes of steady premixed flame propagation. The effect of thermal gas expansion and finite-front-thickness effects. Combustion Theory and Modelling, 2018, 22, 835-861.	1.9	1
4	Experimental and theoretical study of iron and mild steel combustion in oxygen flows. Physics of Fluids, 2017, 29, .	4.0	2
5	Premixed flame propagation in vertical tubes. Physics of Fluids, 2016, 28, .	4.0	10
6	The mean velocity profile of near-wall turbulent flow: is there anything in between the logarithmic and power laws?. Journal of Turbulence, 2016, 17, 1015-1047.	1.4	4
7	Mechanism of Partial Flame Propagation and Extinction in a Strong Gravitational Field. Physical Review Letters, 2015, 115, 264501.	7.8	3
8	Effect of vorticity flip-over on the premixed flame structure: Experimental observation of type-I inflection flames. Physical Review E, 2015, 92, 063004.	2.1	1
9	Analytical study in the mechanism of flame movement in horizontal tubes. II. Flame acceleration in smooth open tubes. Physics of Fluids, 2013, 25, .	4.0	4
10	A case study on the scaling of 1/f noise: La2/3Sr1/3MnO3 Thin films. Journal of Applied Physics, 2013, 113, .	2.5	4
11	Analytical study in the mechanism of flame movement in horizontal tubes. Physics of Fluids, 2012, 24, .	4.0	11
12	Analytical treatment of 2D steady flames anchored in high-velocity streams. Physica D: Nonlinear Phenomena, 2010, 239, 600-612.	2.8	4
13	Stability analysis of confined V-shaped flames in high-velocity streams. Physical Review E, 2010, 81, 066312.	2.1	5
14	Premixed Flame Propagation in Channels of Varying Width. SIAM Journal on Applied Mathematics, 2010, 70, 3287-3318.	1.8	6
15	On the anomalous flicker noise intensity in high-temperature superconductors. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 4393-4396.	2.1	4
16	Unbounded -spectrum from quantum fluctuations of the Coulomb potential at finite temperature. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 749-755.	2.1	2
17	Nonperturbative Approach to the Nonlinear Dynamics of Two-Dimensional Premixed Flames. Physical Review Letters, 2008, 100, 174501.	7.8	11
18	Flicker Noise From Quantum Fluctuations of the Coulomb Potential. AIP Conference Proceedings, 2007, , .	0.4	1

#	Article	IF	Citations
19	Quantum fluctuations of Coulomb potential as a source of Flicker noise: the influence of a heat bath. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 5277-5296.	2.1	4
20	Quantum fluctuations of the Coulomb potential as a source of flicker noise: the influence of external electric field. Journal of Physics A, 2006, 39, 7125-7140.	1.6	4
21	QUANTUM FLUCTUATIONS OF A COULOMB POTENTIAL AS A SOURCE OF FLICKER NOISE. International Journal of Modern Physics B, 2006, 20, 233-248.	2.0	5
22	On-shell description of stationary flames. Physics of Fluids, 2005, 17, 032107.	4.0	31
23	Exact Equation for Curved Stationary Flames with Arbitrary Gas Expansion. Physical Review Letters, 2005, 94, 094501.	7.8	20
24	CLASSICAL SCALE OF QUANTUM GRAVITY. International Journal of Modern Physics D, 2003, 12, 1715-1719.	2.1	2
25	Effect of Vorticity Production on the Structure and Velocity of Curved Flames. Physical Review Letters, 2002, 88, 064502.	7.8	14
26	NONLINEAR THEORY OF FLAME FRONT INSTABILITY. Combustion Science and Technology, 2002, 174, 129-151.	2.3	8
27	Nonlinear equation for curved stationary flames. Physics of Fluids, 2002, 14, 1166-1181.	4.0	26