

Aleksandr S Petrov

List of Publications by Year in descending order

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7
papers

80
citations

1937685

4
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

75
citing authors

#	ARTICLE	IF	CITATIONS
1	Amplified-reflection plasmon instabilities in grating-gate plasmonic crystals. Physical Review B, 2017, 95, .	3.2	42
2	Perturbation theory for two-dimensional hydrodynamic plasmons. Physical Review B, 2019, 99, .	3.2	15
3	Plasma Instability of 2D Electrons in a Field Effect Transistor with a Partly Gated Channel. International Journal of High Speed Electronics and Systems, 2016, 25, 1640015.	0.7	12
4	Viscosity-Limited Drift Instabilities in Two-Dimensional Electron Systems. Physical Review Applied, 2022, 17, .	3.8	5
5	Thresholdless excitation of edge plasmons by transverse current. Physical Review B, 2020, 102, .	3.2	4
6	Plasmonic excitation for a tunable transmitter without magnetic field immune to backscattering. Physical Review B, 2021, 104, .	3.2	2
7	Electron hydrodynamic instabilities stimulated by asymmetry. Journal of Physics: Conference Series, 2018, 1092, 012115.	0.4	0