

# Aleksandr S Petrov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7578217/publications.pdf>

Version: 2024-02-01

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	Viscosity-Limited Drift Instabilities in Two-Dimensional Electron Systems. Physical Review Applied, 2022, 17, .	3.8	5
2	Plasmonic excitation for a tunable transmitter without magnetic field immune to backscattering. Physical Review B, 2021, 104, .	3.2	2
3	Thresholdless excitation of edge plasmons by transverse current. Physical Review B, 2020, 102, .	3.2	4
4	Perturbation theory for two-dimensional hydrodynamic plasmons. Physical Review B, 2019, 99, .	3.2	15
5	Electron hydrodynamic instabilities stimulated by asymmetry. Journal of Physics: Conference Series, 2018, 1092, 012115.	0.4	0
6	Amplified-reflection plasmon instabilities in grating-gate plasmonic crystals. Physical Review B, 2017, 95, .	3.2	42
7	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