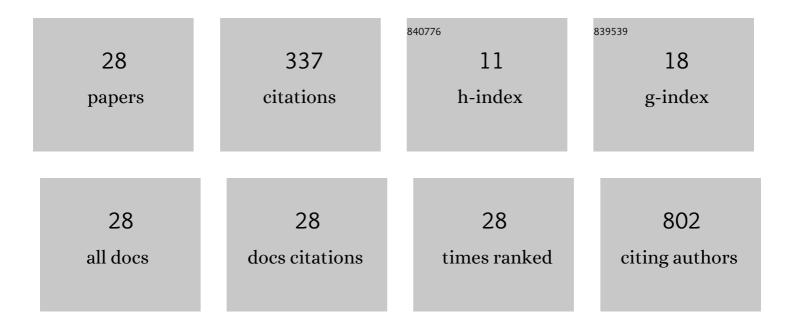
Pengpeng Zhang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6960819/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Effects of Embedded Dipole Layers on Electrostatic Properties of Alkanethiolate Self-Assembled Monolayers. Journal of Physical Chemistry C, 2017, 121, 15815-15830.	3.1	45
2	Magnetic structure of epitaxial multiferroic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>BiFeO</mml:mtext></mml:mrow><mm with engineered ferroelectric domains. Physical Review B, 2010, 82, .</mm </mml:msub></mml:mrow></mml:math 	l:mn>3₹/mm	l:#10 :mn>
3	Anisotropic Crystalline Organic Step-Flow Growth on Deactivated Si Surfaces. Physical Review Letters, 2013, 110, 086107.	7.8	37
4	Growth of Metal Phthalocyanine on Deactivated Semiconducting Surfaces Steered by Selective Orbital Coupling. Physical Review Letters, 2015, 115, 096101.	7.8	30
5	Unlocking the Singleâ€Domain Epitaxy of Halide Perovskites. Advanced Materials Interfaces, 2017, 4, 1701003.	3.7	29
6	Overcoming Bulk Recombination Limits of Layered Perovskite Solar Cells with Mesoporous Substrates. Journal of Physical Chemistry C, 2018, 122, 14177-14185.	3.1	20
7	Crystalline orientation dependent photoresponse and heterogeneous behaviors of grain boundaries in perovskite solar cells. Journal of Applied Physics, 2018, 123, .	2.5	17
8	Formation of Highly Ordered Organic Molecular Thin Films on Deactivated Si Surfaces Studied by Scanning Tunneling Microscopy and Low Energy Electron Diffraction. Journal of Physical Chemistry C, 2014, 118, 2194-2201.	3.1	16
9	High-performance inverted solar cells with a controlled ZnO buffer layer. RSC Advances, 2014, 4, 3604-3610.	3.6	12
10	Nucleation and evolution of zinc phthalocyanine thin films on the deactivated Si(111)-B 3×3 R30° surface. Surface Science, 2014, 630, 22-27.	1.9	12
11	Interfacial Coupling and Electronic Structure of Two-Dimensional Silicon Grown on the Ag(111) Surface at High Temperature. Scientific Reports, 2015, 5, 10310.	3.3	11
12	Tailoring the growth and electronic structures of organic molecular thin films. Journal of Physics Condensed Matter, 2019, 31, 503001.	1.8	9
13	Elucidating the Impact of Thin Film Texture on Charge Transport and Collection in Perovskite Solar Cells. ACS Omega, 2018, 3, 3522-3529.	3.5	8
14	Efficient zinc sulfide cathode layers for organic photovoltaic applications via n-type doping. Journal of Applied Physics, 2014, 115, .	2.5	7
15	Electrostatic screening mediated by interfacial charge transfer in molecular assemblies on semiconductor substrates. Physical Review B, 2017, 96, .	3.2	7
16	Surfaces and Interfaces of Nanoscale Silicon Materials. Materials Research Society Symposia Proceedings, 2013, 1550, 1.	0.1	6
17	The role of substrate on stabilizing new phases of two-dimensional tin. 2D Materials, 2021, 8, 045003.	4.4	6
18	Laserâ€Induced Cooperative Transition in Molecular Electronic Crystal. Advanced Materials, 2021, 33, e2103000.	21.0	6

PENGPENG ZHANG

#	Article	IF	CITATIONS
19	Nanoscale imaging of dense fiber morphology and local electrical response in conductive regioregular poly(3-hexylthiophene). Organic Electronics, 2014, 15, 441-448.	2.6	3
20	Self-assembly of F16ZnPc thin films and F16ZnPc-ZnPc heterostructures on deactivated Si surfaces studied by scanning tunneling microscopy. Journal of Chemical Physics, 2017, 146, 052809.	3.0	3
21	Insulator–metal transition induced by electric voltage in a ruthenate Mott insulator. Journal of Physics Condensed Matter, 2019, 31, 195602.	1.8	3
22	Interfacial charge transfer enhancement via formation of binary molecular assemblies on electronically corrugated boron nitride. Physical Chemistry Chemical Physics, 2019, 21, 26146-26153.	2.8	3
23	Semiconductor to topological insulator transition induced by stress propagation in metal dichalcogenide core–shell lateral heterostructures. Materials Horizons, 2021, 8, 1029-1036.	12.2	3
24	Spatially Resolved Investigation of Mixed Valence and Insulator-to-Metal Transition in an Organic Salt. Journal of Physical Chemistry Letters, 2020, 11, 8352-8357.	4.6	2
25	Thickness evolution of transport properties in exfoliated Fe1+y Te nanoflakes. Journal of Physics Condensed Matter, 2018, 30, 295303.	1.8	2
26	Perovskites: Unlocking the Singleâ€Domain Epitaxy of Halide Perovskites (Adv. Mater. Interfaces 22/2017). Advanced Materials Interfaces, 2017, 4, .	3.7	0
27	Laserâ€Induced Cooperative Transition in Molecular Electronic Crystal (Adv. Mater. 39/2021). Advanced Materials, 2021, 33, .	21.0	0
28	High-Endurance Magneto-Electronic Switchable Molecular Electronic Crystal. Nano Letters, 2022, 22, 3151-3156.	9.1	0