Patrick Zeller

List of Publications by Year
in descending order

20 papers	538 citations	687363 13 h-index	713466 21 g-index
23 all docs	23 docs citations	23 times ranked	1235 citing authors

#	Article	IF	Citations
1	Near ambient pressure photoelectron spectro-microscopy: from gasâ€“solid interface to operando devices. Journal Physics D: Applied Physics, 2021, 54, 204004.	2.8	11
2	Method for the Manual Analysis of MoirÃ© Structures in STM images. ChemPhysChem, 2021, 22, 870-884.	2.1	5
3	Probing catalytic surfaces by correlative scanning photoemission electron microscopy and atom probe tomography. Journal of Materials Chemistry A, 2020, 8, 388-400.	10.3	19
4	Crystal Orientation Dependent Oxidation Modes at the Buried Grapheneâ€“Cu Interface. Chemistry of Materials, 2020, 32, 7766-7776.	6.7	19
5	Highlighting the Dynamics of Graphene Protection toward the Oxidation of Copper Under Operando Conditions. ACS Applied Materials & Interfaces, 2019, 11, 29448-29457.	8.0	29
6	Making Ultrafast Highâ€Capacity Anodes for Lithiumâ€Ion Batteries via Antimony Doping of Nanosized Tin Oxide/Graphene Composites. Advanced Functional Materials, 2018, 28, 1706529.	14.9	31
7	Scanning Photoelectron Spectroâ€Microscopy: A Modern Tool for the Study of Materials at the Nanoscale. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1800308.	1.8	14
8	Intrinsic core level photoemission of suspended monolayer graphene. Physical Review Materials, 2018, 2, .	2.4	15
9	Indexing moirÃ© patterns of metal-supported graphene and related systems: strategies and pitfalls. New Journal of Physics, 2017, 19, 013015.	2.9	35
10	Rock Salt Ni/Co Oxides with Unusual Nanoscaleâ€Stabilized Composition as Water Splitting Electrocatalysts. Advanced Functional Materials, 2017, 27, 1605121.	14.9	72
11	Single Crystalline Metal Films as Substrates for Graphene Growth. Annalen Der Physik, 2017, 529, 1700023.	2.4	5
12	Indexing moirÃ© patterns of metal-supported graphene and related systems: strategies and pitfalls. New Journal of Physics, 2017, 19, 013015.	2.9	1
13	Detachment of CVD-grown graphene from single crystalline Ni films by a pure gas phase reaction. Surface Science, 2016, 653, 143-152.	1.9	13
14	Zintl Clusters as Wetâ€Chemical Precursors for Germanium Nanomorphologies with Tunable Composition. Angewandte Chemie - International Edition, 2016, 55, 2441-2445.	13.8	50
15	Ultrasmall Co₃O₄ Nanocrystals Strongly Enhance Solar Water Splitting on Mesoporous Hematite. Advanced Materials Interfaces, 2015, 2, 1500358.	3.7	30
16	Water-Dispersible Small Monodisperse Electrically Conducting Antimony Doped Tin Oxide Nanoparticles. Chemistry of Materials, 2015, 27, 1090-1099.	6.7	59
17	Healing of graphene on single crystalline Ni(111) films. Applied Physics Letters, 2014, 105, 191612.	3.3	16
18	What are the possible moirÃ© patterns of graphene on hexagonally packed surfaces? Universal solution for hexagonal coincidence lattices, derived by a geometric construction. New Journal of Physics, 2014, 16, 083028.	2.9	67

#	Article	IF	Citations
19	High-Temperature Scanning Tunneling Microscopy Study of the Ordering Transition of an Amorphous Carbon Layer into Graphene on Ruthenium(0001). ACS Nano, 2013, 7, 154-164.	14.6	18
20	Scalable synthesis of graphene on single crystal Ir(111) films. Surface Science, 2012, 606, 1475-1480.	1.9	28