

# Patrick Zeller

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

538  
citations

687363

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docs citations

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times ranked

1235  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rock Salt Ni/Co Oxides with Unusual Nanoscaleâ€Stabilized Composition as Water Splitting Electrocatalysts. <i>Advanced Functional Materials</i> , 2017, 27, 1605121.	14.9	72
2	What are the possible moir� patterns of graphene on hexagonally packed surfaces? Universal solution for hexagonal coincidence lattices, derived by a geometric construction. <i>New Journal of Physics</i> , 2014, 16, 083028.	2.9	67
3	Water-Dispersible Small Monodisperse Electrically Conducting Antimony Doped Tin Oxide Nanoparticles. <i>Chemistry of Materials</i> , 2015, 27, 1090-1099.	6.7	59
4	Zintl Clusters as Wetâ€Chemical Precursors for Germanium Nanomorphologies with Tunable Composition. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2441-2445.	13.8	50
5	Indexing moir� patterns of metal-supported graphene and related systems: strategies and pitfalls. <i>New Journal of Physics</i> , 2017, 19, 013015.	2.9	35
6	Making Ultrafast Highâ€Capacity Anodes for Lithiumâ€Ion Batteries via Antimony Doping of Nanosized Tin Oxide/Graphene Composites. <i>Advanced Functional Materials</i> , 2018, 28, 1706529.	14.9	31
7	Ultra-small Co <sub>3</sub> O <sub>4</sub> Nanocrystals Strongly Enhance Solar Water Splitting on Mesoporous Hematite. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500358.	3.7	30
8	Highlighting the Dynamics of Graphene Protection toward the Oxidation of Copper Under Operando Conditions. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 29448-29457.	8.0	29
9	Scalable synthesis of graphene on single crystal Ir(111) films. <i>Surface Science</i> , 2012, 606, 1475-1480.	1.9	28
10	Probing catalytic surfaces by correlative scanning photoemission electron microscopy and atom probe tomography. <i>Journal of Materials Chemistry A</i> , 2020, 8, 388-400.	10.3	19
11	Crystal Orientation Dependent Oxidation Modes at the Buried Grapheneâ€Cu Interface. <i>Chemistry of Materials</i> , 2020, 32, 7766-7776.	6.7	19
12	High-Temperature Scanning Tunneling Microscopy Study of the Ordering Transition of an Amorphous Carbon Layer into Graphene on Ruthenium(0001). <i>ACS Nano</i> , 2013, 7, 154-164.	14.6	18
13	Healing of graphene on single crystalline Ni(111) films. <i>Applied Physics Letters</i> , 2014, 105, 191612.	3.3	16
14	Intrinsic core level photoemission of suspended monolayer graphene. <i>Physical Review Materials</i> , 2018, 2, .	2.4	15
15	Scanning Photoelectron Spectroâ€Microscopy: A Modern Tool for the Study of Materials at the Nanoscale. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1800308.	1.8	14
16	Detachment of CVD-grown graphene from single crystalline Ni films by a pure gas phase reaction. <i>Surface Science</i> , 2016, 653, 143-152.	1.9	13
17	Near ambient pressure photoelectron spectro-microscopy: from gasâ€solid interface to operando devices. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 204004.	2.8	11
18	Single Crystalline Metal Films as Substrates for Graphene Growth. <i>Annalen Der Physik</i> , 2017, 529, 1700023.	2.4	5

#	ARTICLE	IF	CITATIONS
19	Method for the Manual Analysis of Moiré Structures in STM images. ChemPhysChem, 2021, 22, 870-884.	2.1	5
20	Indexing moiré patterns of metal-supported graphene and related systems: strategies and pitfalls. New Journal of Physics, 2017, 19, 013015.	2.9	1