Kevin J Palm

List of Publications by Year
in descending order

13 papers	**231** citations	1478505 **6** h-index	1372567 **10** g-index
14 all docs	**14** docs citations	**14** times ranked	**352** citing authors

#	Article	IF	Citations
1	Dynamic Optical Properties of Metal Hydrides. ACS Photonics, 2018, 5, 4677-4686.	6.6	99
2	Measurement of the Casimir torque. Nature, 2018, 564, 386-389.	27.8	72
3	In Situ Optical and Stress Characterization of Alloyed $Pd_x Au_{1-x}$ Hydrides. ACS Applied Materials & Interfaces, 2019, 11, 45057-45067.	8.0	17
4	Enhanced near-Infrared Photoresponse from Nanoscale Ag-Au Alloyed Films. ACS Photonics, 2020, 7, 1689-1698.	6.6	14
5	Emergent Opportunities with Metallic Alloys: From Material Design to Optical Devices. Advanced Optical Materials, 2020, 8, 2001082.	7.3	10
6	Effect of lateral tip motion on multifrequency atomic force microscopy. Applied Physics Letters, 2017, 111, 043105.	3.3	8
7	Apparatus for combined nanoscale gravimetric, stress, and thermal measurements. Review of Scientific Instruments, 2018, 89, 085106.	1.3	4
8	Control of hot-carrier relaxation time in Au-Ag thin films through alloying. Optics Express, 2020, 28, 33528.	3.4	3
9	Achieving Scalable Near‐Zero‐Index Materials. Advanced Photonics Research, 0, , 2200109.	3.6	2
10	Metallic Alloys: Emergent Opportunities with Metallic Alloys: From Material Design to Optical Devices (Advanced Optical Materials 23/2020). Advanced Optical Materials, 2020, 8, 2070091.	7.3	1
11	Highly switchable absorption in a metal hydride device using a near-zero-index substrate. Optics Express, 2022, 30, 21977.	3.4	1
12	Structural and Optical Properties of Nonstoichiometric Titanium Hydride, Vanadium Hydride and Zirconium Hydride as Hot Carrier Solar Cell Absorbers. , 2021, , .		0
13	Water‐Induced and Wavelength‐Dependent Light Absorption and Emission Dynamics in Triple‐Cation Halide Perovskites. Advanced Optical Materials, 2021, 9, 2100710.	7.3	0