

Yang Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

219
citations

1162889

8
h-index

1199470

12
g-index

18
all docs

18
docs citations

18
times ranked

140
citing authors

#	ARTICLE	IF	CITATIONS
1	Theory of laser-induced photoemission from a metal surface with nanoscale dielectric coating. Journal of Applied Physics, 2022, 131, .	1.1	6
2	Space charge waves in a two-dimensional electron gas. Journal of Applied Physics, 2022, 131, .	1.1	3
3	An exact theory for few-cycle optical-field-induced photoelectron emission from biased surfaces. , 2022, , .		0
4	Few-cycle optical-field-induced photoemission from biased surfaces: An exact quantum theory. Physical Review B, 2021, 103, .	1.1	22
5	Quantum efficiency of photoemission from biased metal surfaces with laser wavelengths from UV to NIR. Journal of Applied Physics, 2021, 130, .	1.1	18
6	Exact Analytical Solution for Pulsed Laser Induced Photoemission from Biased Surfaces. , 2021, , .		0
7	An exact quantum theory for photoemission from dielectric coated metal surfaces under a dc bias. , 2021, , .		0
8	Plasmon-Enhanced Resonant Photoemission from Metal Surfaces Coated with Ultrathin Dielectric. , 2021, , .		0
9	Field emission from dielectric coated metallic cathode surfaces: a theoretical study. , 2021, , .		1
10	Plasmon-Enhanced Resonant Photoemission Using Atomically Thick Dielectric Coatings. ACS Nano, 2020, 14, 8806-8815.	7.3	27
11	Polarized Remote Inversion of the Refractive Index of Marine Spilled Oil From PARASOL Images Under Sun glint. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 2710-2719.	2.7	16
12	A quantum model for photoemission from metal surfaces and its comparison with the three-step model and Fowlerâ€“DuBridge model. Journal of Applied Physics, 2020, 127, .	1.1	30
13	Theory of field emission from dielectric coated surfaces. Physical Review Research, 2020, 2, .	1.3	22
14	Time-Resolved Photoelectron Spectroscopy by Two-Color Lasers with a DC Bias. , 2020, , .		0
15	Optical interpretation of oil emulsions in the ocean â€“ Part I: Laboratory measurements and proof-of-concept with AVIRIS observations. Remote Sensing of Environment, 2019, 230, 111183.	4.6	46
16	Calculation model of the scattering polarization coherency matrix for a detection system of oil spills at sea. Applied Optics, 2018, 57, 1254.	0.9	4
17	Thermal Infrared Contrast Between Different Types of Oil Slicks on Top of Water Bodies. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 1042-1045.	1.4	8
18	Using remote sensing to detect the polarized sunglint reflected from oil slicks beyond the critical angle. Journal of Geophysical Research: Oceans, 2017, 122, 6342-6354.	1.0	16