

Brandon D Piercy

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

260
citations

1163117

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1474206

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9
all docs

9
docs citations

9
times ranked

581
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Efficient Plasmon Induced Hot-Electron Transfer at Ag/TiO ₂ Interface. ACS Photonics, 2021, 8, 1497-1504.	6.6	30
2	Pulsed heating atomic layer deposition (PH-ALD) for epitaxial growth of zinc oxide thin films on <i>c</i> -plane sapphire. Dalton Transactions, 2021, 51, 303-311.	3.3	2
3	Effect of Surface Ligand on Charge Separation and Recombination at CsPb ₃ Perovskite Quantum Dot/TiO ₂ Interfaces. Journal of Physical Chemistry C, 2019, 123, 21415-21421.	3.1	14
4	Characterization of Electronic Transport through Amorphous TiO ₂ Produced by Atomic Layer Deposition. Journal of Physical Chemistry C, 2019, 123, 20116-20129.	3.1	68
5	Density and size effects on the thermal conductivity of atomic layer deposited TiO ₂ and Al ₂ O ₃ thin films. Thin Solid Films, 2018, 650, 71-77.	1.8	36
6	Diphenylisobenzofuran Bound to Nanocrystalline Metal Oxides: Excimer Formation, Singlet Fission, Electron Injection, and Low Energy Sensitization. Journal of Physical Chemistry C, 2018, 122, 28478-28490.	3.1	18
7	Variation in the density, optical polarizabilities, and crystallinity of TiO ₂ thin films deposited via atomic layer deposition from 38 to 150°C using the titanium tetrachloride-water reaction. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2017, 35, .	2.1	28
8	Stabilization of Polyoxometalate Water Oxidation Catalysts on Hematite by Atomic Layer Deposition. ACS Applied Materials & Interfaces, 2017, 9, 35048-35056.	8.0	39
9	Tree-based control software for multilevel sequencing in thin film deposition applications. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2015, 33, .	1.2	25