

# Brandon D Piercy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7154192/publications.pdf>

Version: 2024-02-01

9  
papers

260  
citations

1163117  
8  
h-index

1474206  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

581  
citing authors

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