

Jesse Saari

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

218
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1307594

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#	ARTICLE	IF	CITATIONS
1	Improved Stability of Atomic Layer Deposited Amorphous TiO ₂ Photoelectrode Coatings by Thermally Induced Oxygen Defects. <i>Chemistry of Materials</i> , 2018, 30, 1199-1208.	6.7	81
2	Diversity of TiO ₂ : Controlling the Molecular and Electronic Structure of Atomic-Layer-Deposited Black TiO ₂ . <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 2758-2762.	8.0	38
3	Tunable Ti ³⁺ -Mediated Charge Carrier Dynamics of Atomic Layer Deposition-Grown Amorphous TiO ₂ . <i>Journal of Physical Chemistry C</i> , 2022, 126, 4542-4554.	3.1	25
4	Optimization of Photogenerated Charge Carrier Lifetimes in ALD Grown TiO ₂ for Photonic Applications. <i>Nanomaterials</i> , 2020, 10, 1567.	4.1	20
5	Modification of Surface States of Hematite-Based Photoanodes by Submonolayer of TiO ₂ for Enhanced Solar Water Splitting. <i>Journal of Physical Chemistry C</i> , 2020, 124, 13094-13101.	3.1	18
6	Interface Engineering of TiO ₂ Photoelectrode Coatings Grown by Atomic Layer Deposition on Silicon. <i>ACS Omega</i> , 2021, 6, 27501-27509.	3.5	11
7	Functionalization of TiO ₂ inverse opal structure with atomic layer deposition grown Cu for photocatalytic and antibacterial applications. <i>Optical Materials</i> , 2022, 131, 112695.	3.6	10
8	GaAs surface passivation for InAs/GaAs quantum dot based nanophotonic devices. <i>Nanotechnology</i> , 2021, 32, 130001.	2.6	7
9	Color Bricks: Building Highly Organized and Strongly Absorbing Multicomponent Arrays of Terpyridyl Perylenes on Metal Oxide Surfaces. <i>Chemistry - A European Journal</i> , 2016, 22, 1501-1510.	3.3	4
10	Tailored Fabrication of Transferable and Hollow Weblike Titanium Dioxide Structures. <i>ChemPhysChem</i> , 2017, 18, 64-71.	2.1	4