

Andreas Werbrouck

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

91
citations

1684188
5
h-index

1588992
8
g-index

9
all docs

9
docs citations

9
times ranked

125
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|------|-----------|
| 1 | Atomic layer deposition of ZnOâ€“SnO ₂ composite thin film: The influence of structure, composition and crystallinity on lithium-ion battery performance. <i>Electrochimica Acta</i> , 2019, 320, 134604. | 5.2 | 48 |
| 2 | In Situ Photoluminescence of Colloidal Quantum Dots During Gas Exposureâ€”The Role of Water and Reactive Atomic Layer Deposition Precursors. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 26277-26287. | 8.0 | 9 |
| 3 | A Secondary Reaction Pathway for the Alumina Atomic Layer Deposition Process with Trimethylaluminum and Water, Revealed by Full-Range, Time-Resolved In Situ Mass Spectrometry. <i>Journal of Physical Chemistry C</i> , 2020, 124, 26443-26454. | 3.1 | 8 |
| 4 | Atomic layer deposition of metal phosphates. <i>Applied Physics Reviews</i> , 2022, 9, . | 11.3 | 7 |
| 5 | Converting molecular layer deposited alucone films into Al ₂ O ₃ /alucone hybrid multilayers by plasma densification. <i>Dalton Transactions</i> , 2021, 50, 1224-1232. | 3.3 | 6 |
| 6 | Reaction Pathways for Atomic Layer Deposition with Lithium Hexamethyl Disilazide, Trimethyl Phosphate, and Oxygen Plasma. <i>Journal of Physical Chemistry C</i> , 2020, 124, 27829-27839. | 3.1 | 5 |
| 7 | Plasma-enhanced atomic layer deposition: Correlating O ₂ plasma parameters and species to blister formation and conformal film growth. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2021, 39, . | 2.1 | 4 |
| 8 | Selective Vapor-Phase Doping of Pt Nanoparticles into Phase-Controlled Nanoalloys. <i>Journal of Physical Chemistry C</i> , 2022, 126, 1426-1438. | 3.1 | 4 |
| 9 | Surface reactions between LiHMDS, TMA and TMP leading to deposition of amorphous lithium phosphate. <i>Journal of Materials Chemistry A</i> , 2022, 10, 3543-3551. | 10.3 | 0 |