

# Camila de Paula

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4859219/publications.pdf>

Version: 2024-02-01

10  
papers

770  
citations

1307594

7  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

1442  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | The Importance of Decarbonylation Mechanisms in the Atomic Layer Deposition of High-Quality Ru Films by Zero-Oxidation State Ru(DMBD)(CO) <sub>3</sub> . <i>Small</i> , 2022, 18, e2105513.          | 10.0 | 5         |
| 2  | Understanding and Utilizing Reactive Oxygen Reservoirs in Atomic Layer Deposition of Metal Oxides with Ozone. <i>Chemistry of Materials</i> , 2022, 34, 5584-5597.                                   | 6.7  | 4         |
| 3  | Increased selectivity in area-selective ALD by combining nucleation enhancement and SAM-based inhibition. <i>Journal of Materials Research</i> , 2021, 36, 582-591.                                  | 2.6  | 6         |
| 4  | Mechanistic Study of Nucleation Enhancement in Atomic Layer Deposition by Pretreatment with Small Organometallic Molecules. <i>Chemistry of Materials</i> , 2020, 32, 315-325.                       | 6.7  | 32        |
| 5  | Revealing and Elucidating ALD-Derived Control of Lithium Plating Microstructure. <i>Advanced Energy Materials</i> , 2020, 10, 2002736.   | 19.5 | 37        |
| 6  | Overcoming Redox Reactions at Perovskite-Nickel Oxide Interfaces to Boost Voltages in Perovskite Solar Cells. <i>Joule</i> , 2020, 4, 1759-1775.   | 24.0 | 284       |
| 7  | Nucleation Effects in the Atomic Layer Deposition of Nickel-Aluminum Oxide Thin Films. <i>Chemistry of Materials</i> , 2020, 32, 1925-1936.  | 6.7  | 15        |
| 8  | Understanding chemical and physical mechanisms in atomic layer deposition. <i>Journal of Chemical Physics</i> , 2020, 152, 040902.   | 3.0  | 143       |
| 9  | Design of low bandgap tin-lead halide perovskite solar cells to achieve thermal, atmospheric and operational stability. <i>Nature Energy</i> , 2019, 4, 939-947.                                     | 39.5 | 235       |
| 10 | A cryogenic-electron microscopy study of the one-phase corridor in the phase diagram of a nonionic surfactant-based microemulsion system. <i>Colloid and Polymer Science</i> , 2015, 293, 3189-3197. | 2.1  | 9         |