

# Vivek Beladiya

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6268983/publications.pdf>

Version: 2024-02-01

11  
papers

195  
citations

1478505

6  
h-index

1588992

8  
g-index

12  
all docs

12  
docs citations

12  
times ranked

249  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning Material Properties of Oxides and Nitrides by Substrate Biasing during Plasma-Enhanced Atomic Layer Deposition on Planar and 3D Substrate Topographies. ACS Applied Materials & Interfaces, 2018, 10, 13158-13180.	8.0	85
2	Influence of Substrate Materials on Nucleation and Properties of Iridium Thin Films Grown by ALD. Coatings, 2021, 11, 173.	2.6	23
3	Effect of an electric field during the deposition of silicon dioxide thin films by plasma enhanced atomic layer deposition: an experimental and computational study. Nanoscale, 2020, 12, 2089-2102.	5.6	22
4	Influence of temperature and plasma parameters on the properties of PEALD HfO <sub>2</sub> . Optical Materials Express, 2021, 11, 1918.	3.0	21
5	Structural, optical, and mechanical properties of TiO <sub>2</sub> nanolaminates. Nanotechnology, 2021, 32, 095709.	2.6	17
6	Growth of Atomic Layer Deposited Ruthenium and Its Optical Properties at Short Wavelengths Using Ru(EtCp) <sub>2</sub> and Oxygen. Coatings, 2018, 8, 413.	2.6	11
7	Controlling mechanical, structural, and optical properties of Al <sub>2</sub> O <sub>3</sub> thin films deposited by plasma-enhanced atomic layer deposition with substrate biasing. , 2018, , .		8
8	Plasma-Enhanced Atomic Layer Deposition of HfO <sub>2</sub> with Substrate Biasing: Thin Films for High-Reflective Mirrors. ACS Applied Materials & Interfaces, 2022, 14, 14677-14692.	8.0	5
9	Structural and optical properties of silicon thin-films deposited by hot-wire chemical vapor deposition: The effects of silane concentrations. Thin Solid Films, 2013, 542, 139-143.	1.8	1
10	Conformal antireflection coating on polycarbonate domes. , 2021, , .		1
11	Design and Fabrication of Single, Smooth and Broadband Chirped Mirrors with a Top Nano-Porous Layer. , 2019, , .		1