

Vivek Beladiya

List of Publications by Year in descending order

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11
papers

195
citations

1478505

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h-index

1588992

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12
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12
docs citations

12
times ranked

249
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma-Enhanced Atomic Layer Deposition of HfO ₂ with Substrate Biasing: Thin Films for High-Reflective Mirrors. ACS Applied Materials & Interfaces, 2022, 14, 14677-14692.	8.0	5
2	Influence of Substrate Materials on Nucleation and Properties of Iridium Thin Films Grown by ALD. Coatings, 2021, 11, 173.	2.6	23
3	Influence of temperature and plasma parameters on the properties of PEALD HfO ₂ . Optical Materials Express, 2021, 11, 1918.	3.0	21
4	Conformal antireflection coating on polycarbonate domes. , 2021, , .		1
5	Structural, optical, and mechanical properties of TiO ₂ nanolaminates. Nanotechnology, 2021, 32, 095709.	2.6	17
6	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
7	Design and Fabrication of Single, Smooth and Broadband Chirped Mirrors with a Top Nano-Porous Layer. , 2019, , .		1
8	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
9	Growth of Atomic Layer Deposited Ruthenium and Its Optical Properties at Short Wavelengths Using Ru(EtCp) ₂ and Oxygen. Coatings, 2018, 8, 413.	2.6	11
10	Controlling mechanical, structural, and optical properties of Al ₂ O ₃ thin films deposited by plasma-enhanced atomic layer deposition with substrate biasing. , 2018, , .		8
11	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