

Andrej Furlan

List of Publications by Year in descending order

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19
papers

699
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687363

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19
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1053
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural, mechanical and electrical-contact properties of nanocrystalline-NbC/amorphous-C coatings deposited by magnetron sputtering. <i>Surface and Coatings Technology</i> , 2011, 206, 354-359.	4.8	107
2	Crystallization characteristics and chemical bonding properties of nickel carbide thin film nanocomposites. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 415501.	1.8	104
3	Deposition and characterization of magnetron sputtered amorphous Crâ€“C films. <i>Vacuum</i> , 2012, 86, 1408-1416.	3.5	77
4	Structure and bonding in amorphous iron carbide thin films. <i>Journal of Physics Condensed Matter</i> , 2015, 27, 045002.	1.8	71
5	First-principles calculations on the structural evolution of solid fullerene-like CPx. <i>Chemical Physics Letters</i> , 2006, 426, 374-379.	2.6	46
6	Intercalation of P atoms in Fullerene-like CP. <i>Chemical Physics Letters</i> , 2011, 501, 400-403.	2.6	43
7	Dangling bond energetics in carbon nitride and phosphorus carbide thin films with fullerene-like and amorphous structure. <i>Chemical Physics Letters</i> , 2009, 482, 110-113.	2.6	41
8	Fullerene-like CPx: A first-principles study of the relative stability of precursors and defect energetics during synthetic growth. <i>Thin Solid Films</i> , 2006, 515, 1028-1032.	1.8	40
9	Water adsorption on fullerene-like carbon nitride overcoats. <i>Thin Solid Films</i> , 2008, 517, 1106-1110.	1.8	40
10	Synthesis of phosphorusâ€“carbide thin films by magnetron sputtering. <i>Physica Status Solidi - Rapid Research Letters</i> , 2008, 2, 191-193.	2.4	40
11	Control of crystallinity in sputtered Crâ€“Tiâ€“C films. <i>Acta Materialia</i> , 2013, 61, 6352-6361.	7.9	17
12	Structure and properties of phosphorus-carbide thin solid films. <i>Thin Solid Films</i> , 2013, 548, 247-254.	1.8	17
13	Water adsorption on phosphorous-carbide thin films. <i>Surface and Coatings Technology</i> , 2009, 204, 1035-1039.	4.8	15
14	Water adsorption on lubricated fullerene-like CNx films. <i>Thin Solid Films</i> , 2006, 515, 979-983.	1.8	13
15	Effects of A-elements (A Si, Ge or Sn) on the structure and electrical contact properties of Tiâ€“Aâ€“Câ€“Ag nanocomposites. <i>Thin Solid Films</i> , 2012, 520, 5128-5136.	1.8	10
16	Spectroscopic ellipsometry characterization of amorphous carbon and amorphous, graphitic and fullerene-like carbon nitride thin films. <i>Thin Solid Films</i> , 2009, 517, 6652-6658.	1.8	7
17	High-throughput heterodyne thermorefectance: Application to thermal conductivity measurements of a Feâ€“Siâ€“Ge thin film alloy library. <i>Review of Scientific Instruments</i> , 2017, 88, 074902.	1.3	6
18	Influence of Substrate Temperature and Film Thickness on Thermal, Electrical, and Structural Properties of HPPMS and DC Magnetron Sputtered Ge Thin Films. <i>Advanced Engineering Materials</i> , 2017, 19, 1600854.	3.5	3

#	ARTICLE	IF	CITATIONS
19	Structural and Mechanical Properties of CN_x and CP_x Thin Solid Films. Key Engineering Materials, 0, 488-489, 581-584.	0.4	2