

Michel P De Jong

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

485
citations

840776

11
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

967
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence of Spin Frustration in a Vanadium Diselenide Monolayer Magnet. <i>Advanced Materials</i> , 2019, 31, e1901185.	21.0	129
2	The Multistep Tunneling Analogue of Conductivity Mismatch in Organic Spin Valves. <i>Advanced Functional Materials</i> , 2012, 22, 1180-1189.	14.9	83
3	Metallic 1T Phase, 3d ¹ Electronic Configuration and Charge Density Wave Order in Molecular Beam Epitaxy Grown Monolayer Vanadium Diteelluride. <i>ACS Nano</i> , 2019, 13, 12894-12900.	14.6	48
4	Initial growth, refractive index, and crystallinity of thermal and plasma-enhanced atomic layer deposition AlN films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2015, 33, .	2.1	45
5	Growth mechanism and interface magnetic properties of Co nanostructures on graphite. <i>Physical Review B</i> , 2011, 84, .	3.2	25
6	Recent progress in organic spintronics. <i>Open Physics</i> , 2016, 14, 337-353.	1.7	22
7	Tunneling anisotropic magnetoresistance in Co/AlO _x /Al tunnel junctions with fcc Co (111) electrodes. <i>Physical Review B</i> , 2013, 88, .	3.2	19
8	Tunneling anisotropic magnetoresistance in C ₆₀ -based organic spintronic systems. <i>Physical Review B</i> , 2014, 89, .	3.2	19
9	Hybridization-induced charge rebalancing at the weakly interactive C ₆₀ /Fe ₃ O ₄ (001) spinterface. <i>Organic Electronics</i> , 2016, 29, 39-43.	2.6	19
10	Van der Waals integration of silicene and hexagonal boron nitride. <i>2D Materials</i> , 2019, 6, 035001.	4.4	17
11	Energy-Level Alignment at Interfaces between Transition-Metal Dichalcogenide Monolayers and Metal Electrodes Studied with Kelvin Probe Force Microscopy. <i>Journal of Physical Chemistry C</i> , 2021, 125, 13551-13559.	3.1	16
12	Large scale structures in chemical vapor deposition-grown graphene on Ni thin films. <i>Thin Solid Films</i> , 2020, 709, 138225.	1.8	8
13	Acoustoelectric charge transport at the LaAlO ₃ /SrTiO ₃ interface. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	8
14	Crystalline CoFeB/Graphite Interfaces for Carbon Spintronics Fabricated by Solid Phase Epitaxy. <i>Advanced Functional Materials</i> , 2013, 23, 4933-4940.	14.9	7
15	Li intercalation into multilayer graphene with controlled defect densities. <i>Carbon Trends</i> , 2021, 4, 100045.	3.0	6
16	Effect of Pb(Zr _{0.52} Ti _{0.48})O ₃ thin films on electron transport at the LaAlO ₃ /SrTiO ₃ interface by surface acoustic waves. <i>Journal of Applied Physics</i> , 2020, 127, 214901.	2.5	4
17	Study of the phase nature of boron- and nitrogen-containing films by optical and photoelectron spectroscopy. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2020, 38, 044009.	1.2	3
18	Progress in epitaxial growth of stanene. <i>Open Physics</i> , 2022, 20, 208-223.	1.7	3

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19	Comparative study of thermal and radical-enhanced methods for growing boron nitride films from diborane and ammonia. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2020, 38, .	2.1	2
20	Surface acoustic waves as a sensitive probe for photoresponsive polarization memory in SrTiO ₃ . <i>Journal Physics D: Applied Physics</i> , 2020, 53, 335301.	2.8	1
21	Organic Spintronics: The Multistep Tunneling Analogue of Conductivity Mismatch in Organic Spin Valves (<i>Adv. Funct. Mater.</i> 6/2012). <i>Advanced Functional Materials</i> , 2012, 22, 1102-1102.	14.9	0