

Irene Palacio

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3997585/publications.pdf>

Version: 2024-02-01

23
papers

792
citations

687363

13
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

1837
citing authors

#	ARTICLE	IF	CITATIONS
1	LiCl Photodissociation on Graphene: A Photochemical Approach to Lithium Intercalation. ACS Applied Materials & Interfaces, 2021, 13, 42205-42211.	8.0	2
2	Few-layer antimonene electrical properties. Applied Materials Today, 2021, 24, 101132.	4.3	6
3	Oxygen intercalation in PVD graphene grown on copper substrates: A decoupling approach. Applied Surface Science, 2020, 529, 147100.	6.1	10
4	Role of the Metal Surface on the Room Temperature Activation of the Alcohol and Amino Groups of <i>p</i> -Aminophenol. Journal of Physical Chemistry C, 2020, 124, 19655-19665.	3.1	2
5	Production and processing of graphene and related materials. 2D Materials, 2020, 7, 022001.	4.4	333
6	Ultra-thin NaCl films as protective layers for graphene. Nanoscale, 2019, 11, 16767-16772.	5.6	6
7	Reversible graphene decoupling by NaCl photo-dissociation. 2D Materials, 2019, 6, 025021.	4.4	8
8	Structural characterization of as-grown and quasi-free standing graphene layers on SiC. Applied Surface Science, 2019, 466, 51-58.	6.1	8
9	Chemistry below graphene: Decoupling epitaxial graphene from metals by potential-controlled electrochemical oxidation. Carbon, 2018, 129, 837-846.	10.3	30
10	Geometrically defined spin structures in ultrathin Fe ₃ O ₄ with bulk like magnetic properties. Nanoscale, 2018, 10, 5566-5573.	5.6	21
11	On-Surface Bottom-Up Synthesis of Azine Derivatives Displaying Strong Acceptor Behavior. Angewandte Chemie - International Edition, 2018, 57, 8582-8586.	13.8	13
12	Highly selective covalent organic functionalization of epitaxial graphene. Nature Communications, 2017, 8, 15306.	12.8	45
13	High-quality PVD graphene growth by fullerene decomposition on Cu foils. Carbon, 2017, 119, 535-543.	10.3	29
14	Band Gap Opening Induced by the Structural Periodicity in Epitaxial Graphene Buffer Layer. Nano Letters, 2017, 17, 2681-2689.	9.1	36
15	Spectroscopic characterization of the on-surface induced (cyclo)dehydrogenation of a N-heteroaromatic compound on noble metal surfaces. Physical Chemistry Chemical Physics, 2017, 19, 22454-22461.	2.8	3
16	Atomic Structure of Epitaxial Graphene Sidewall Nanoribbons: Flat Graphene, Miniribbons, and the Confinement Gap. Nano Letters, 2015, 15, 182-189.	9.1	67
17	Formation of titanium monoxide (001) single-crystalline thin film induced by ion bombardment of titanium dioxide (110). Nature Communications, 2015, 6, 6147.	12.8	44
18	Tailored Formation of N-Doped Nanoarchitectures by Diffusion-Controlled on-Surface (Cyclo)Dehydrogenation of Heteroaromatics. ACS Nano, 2013, 7, 3676-3684.	14.6	52

#	ARTICLE	IF	CITATIONS
19	Surface defects and their influence on surface properties. Journal of Physics Condensed Matter, 2013, 25, 484008.	1.8	10
20	Initial stages of FeO growth on Ru(0001). Journal of Physics Condensed Matter, 2013, 25, 484001.	1.8	17
21	Methanol decomposition on Ru(0001) during continuous exposure at room temperature. Surface Science, 2012, 606, 1152-1159.	1.9	8
22	Surface Defects Activating New Reaction Paths: Formation of Formate during Methanol Oxidation on Ru(0001). ChemPhysChem, 2012, 13, 2354-2360.	2.1	15
23	Infrared spectra of high coverage CO adsorption structures on Pt(111). Surface Science, 2010, 604, 1320-1325.	1.9	27