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List of Publications by Year in descending order

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23
papers

792
citations

687363

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642732

23
g-index

25
all docs

25
docs citations

25
times ranked

1837
citing authors

#	ARTICLE	IF	CITATIONS
1	Production and processing of graphene and related materials. 2D Materials, 2020, 7, 022001.	4.4	333
2	Atomic Structure of Epitaxial Graphene Sidewall Nanoribbons: Flat Graphene, Miniribbons, and the Confinement Gap. Nano Letters, 2015, 15, 182-189.	9.1	67
3	Tailored Formation of N-Doped Nanoarchitectures by Diffusion-Controlled on-Surface (Cyclo)Dehydrogenation of Heteroaromatics. ACS Nano, 2013, 7, 3676-3684.	14.6	52
4	Highly selective covalent organic functionalization of epitaxial graphene. Nature Communications, 2017, 8, 15306.	12.8	45
5	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
6	Band Gap Opening Induced by the Structural Periodicity in Epitaxial Graphene Buffer Layer. Nano Letters, 2017, 17, 2681-2689.	9.1	36
7	Chemistry below graphene: Decoupling epitaxial graphene from metals by potential-controlled electrochemical oxidation. Carbon, 2018, 129, 837-846.	10.3	30
8	High-quality PVD graphene growth by fullerene decomposition on Cu foils. Carbon, 2017, 119, 535-543.	10.3	29
9	Infrared spectra of high coverage CO adsorption structures on Pt(111). Surface Science, 2010, 604, 1320-1325.	1.9	27
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	Initial stages of FeO growth on Ru(0001). Journal of Physics Condensed Matter, 2013, 25, 484001.	1.8	17
12	Surface Defects Activating New Reaction Paths: Formation of Formate during Methanol Oxidation on Ru(0001). ChemPhysChem, 2012, 13, 2354-2360.	2.1	15
13	Onâ€Surface Bottomâ€Up Synthesis of Azine Derivatives Displaying Strong Acceptor Behavior. Angewandte Chemie - International Edition, 2018, 57, 8582-8586.	13.8	13
14	Surface defects and their influence on surface properties. Journal of Physics Condensed Matter, 2013, 25, 484008.	1.8	10
15	Oxygen intercalation in PVD graphene grown on copper substrates: A decoupling approach. Applied Surface Science, 2020, 529, 147100.	6.1	10
16	Methanol decomposition on Ru(0001) during continuous exposure at room temperature. Surface Science, 2012, 606, 1152-1159.	1.9	8
17	Reversible graphene decoupling by NaCl photo-dissociation. 2D Materials, 2019, 6, 025021.	4.4	8
18	Structural characterization of as-grown and quasi-free standing graphene layers on SiC. Applied Surface Science, 2019, 466, 51-58.	6.1	8

#	ARTICLE	IF	CITATIONS
19	Ultra-thin NaCl films as protective layers for graphene. <i>Nanoscale</i> , 2019, 11, 16767-16772.	5.6	6
20	Few-layer antimonene electrical properties. <i>Applied Materials Today</i> , 2021, 24, 101132.	4.3	6
21	Spectroscopic characterization of the on-surface induced (cyclo)dehydrogenation of a N-heteroaromatic compound on noble metal surfaces. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 22454-22461.	2.8	3
22	Role of the Metal Surface on the Room Temperature Activation of the Alcohol and Amino Groups of <i>p</i> -Aminophenol. <i>Journal of Physical Chemistry C</i> , 2020, 124, 19655-19665.	3.1	2
23	LiCl Photodissociation on Graphene: A Photochemical Approach to Lithium Intercalation. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 42205-42211.	8.0	2