

Yande Que

List of Publications by Year in descending order

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31
papers

666
citations

759233

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552781

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all docs

32
docs citations

32
times ranked

1240
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomically precise, custom-design origami graphene nanostructures. <i>Science</i> , 2019, 365, 1036-1040.	12.6	156
2	Sequence of Silicon Monolayer Structures Grown on a Ru Surface: from a Herringbone Structure to Silicene. <i>Nano Letters</i> , 2017, 17, 1161-1166.	9.1	86
3	Intercalation of metal islands and films at the interface of epitaxially grown graphene and Ru(0001) surfaces. <i>Applied Physics Letters</i> , 2011, 99, .	3.3	83
4	Sulfur-doped graphene nanoribbons with a sequence of distinct band gaps. <i>Nano Research</i> , 2017, 10, 3377-3384.	10.4	44
5	Structural and Electronic Properties of Pb- Intercalated Graphene on Ru(0001). <i>Journal of Physical Chemistry C</i> , 2015, 119, 9839-9844.	3.1	30
6	Epitaxial growth of large-area bilayer graphene on Ru(0001). <i>Applied Physics Letters</i> , 2014, 104, .	3.3	27
7	Impurity-induced formation of bilayered graphene on copper by chemical vapor deposition. <i>Nano Research</i> , 2016, 9, 2803-2810.	10.4	26
8	Room-Temperature, Low-Barrier Boron Doping of Graphene. <i>Nano Letters</i> , 2015, 15, 6464-6468.	9.1	24
9	Stacking-dependent electronic property of trilayer graphene epitaxially grown on Ru(0001). <i>Applied Physics Letters</i> , 2015, 107, .	3.3	20
10	Fabrication of Millimeter-Scale, Single-Crystal One-Third-Hydrogenated Graphene with Anisotropic Electronic Properties. <i>Advanced Materials</i> , 2018, 30, 1801838.	21.0	19
11	The influence of annealing temperature on the morphology of graphene islands. <i>Chinese Physics B</i> , 2012, 21, 088102.	1.4	13
12	Intercalation of metals and silicon at the interface of epitaxial graphene and its substrates. <i>Chinese Physics B</i> , 2013, 22, 096803.	1.4	12
13	Graphene-Silicon Layered Structures on Single-Crystalline Ir(111) Thin Films. <i>Advanced Materials Interfaces</i> , 2015, 2, 1400543.	3.7	12
14	Constructing molecular structures on periodic superstructure of graphene/Ru(0001). <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014, 372, 20130015.	3.4	10
15	Recovery of edge states of graphene nanoislands on an iridium substrate by silicon intercalation. <i>Nano Research</i> , 2018, 11, 3722-3729.	10.4	10
16	Role of surface microstructure of Mo back contact on alkali atom diffusion and Ga grading in Cu(In,Ga)Se ₂ thin film solar cells. <i>Energy Science and Engineering</i> , 2019, 7, 754-763.	4.0	10
17	Two-Dimensional Rare Earth-Gold Intermetallic Compounds on Au(111) by Surface Alloying. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 4107-4112.	4.6	10
18	Low-temperature growth of large-scale, single-crystalline graphene on Ir(111)*. <i>Chinese Physics B</i> , 2019, 28, 056107.	1.4	9

#	ARTICLE	IF	CITATIONS
19	A two-dimensional ErCu ₂ intermetallic compound on Cu(111) with moiré-pattern-modulated electronic structures. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 1693-1700.	2.8	9
20	On-Surface Synthesis of Graphene Nanoribbons on Two-Dimensional Rare Earth-Gold Intermetallic Compounds. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 5044-5050.	4.6	9
21	High quality sub-monolayer, monolayer, and bilayer graphene on Ru(0001). <i>Chinese Physics B</i> , 2014, 23, 098101.	1.4	8
22	STM study of selenium adsorption on Au(111) surface. <i>Chinese Physics B</i> , 2020, 29, 056801.	1.4	7
23	Growth Behavior of Pristine and Potassium Doped Coronene Thin Films on Substrates with Tuned Coupling Strength. <i>Journal of Physical Chemistry B</i> , 2018, 122, 601-611.	2.6	6
24	Copper vapor-assisted growth of hexagonal graphene domains on silica islands. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	5
25	Construction of a gigahertz-bandwidth radio-frequency scanning tunneling microscope based on a commercial low-temperature system. <i>Review of Scientific Instruments</i> , 2019, 90, .	1.3	5
26	Effects of graphene defects on Co cluster nucleation and intercalation. <i>Chinese Physics B</i> , 2014, 23, 088108.	1.4	3
27	Manipulating the Edge of a Two-Dimensional MgO Nanoisland. <i>Journal of Physical Chemistry C</i> , 2019, 123, 19619-19624.	3.1	3
28	Fabrication and manipulation of nanosized graphene homojunction with atomically-controlled boundaries. <i>Nano Research</i> , 2020, 13, 3286-3291.	10.4	3
29	Characterizing silicon intercalated graphene grown epitaxially on Ir films by atomic force microscopy. <i>Chinese Physics B</i> , 2015, 24, 078104.	1.4	2
30	Interaction of two symmetric monovacancy defects in graphene. <i>Chinese Physics B</i> , 2019, 28, 046801.	1.4	2
31	Reversible structural transition of two-dimensional copper selenide on Cu(111). <i>Nanotechnology</i> , 2022, 33, 095704.	2.6	1