

Pedro Brandimarte Mendonça

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

760
citations

623734
14
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839539
18
g-index

18
all docs

18
docs citations

18
times ranked

1033
citing authors

#	ARTICLE	IF	CITATIONS
1	S&scpg>iesta</scpg>: Recent developments and applications. Journal of Chemical Physics, 2020, 152, 204108.	3.0	229
2	Doping of Graphene Nanoribbons <i>via</i> Functional Group Edge Modification. ACS Nano, 2017, 11, 7355-7361.	14.6	78
3	Probing the Magnetism of Topological End States in 5-Armchair Graphene Nanoribbons. ACS Nano, 2020, 14, 4499-4508.	14.6	75
4	Magnetism of Topological Boundary States Induced by Boron Substitution in Graphene Nanoribbons. Physical Review Letters, 2020, 125, 146801.	7.8	73
5	Quantum Dots Embedded in Graphene Nanoribbons by Chemical Substitution. Nano Letters, 2017, 17, 50-56.	9.1	56
6	Building a 22-ring nanographene by combining in-solution and on-surface syntheses. Chemical Communications, 2018, 54, 10256-10259.	4.1	39
7	Electronic Properties of Substitutionally Boron-Doped Graphene Nanoribbons on a Au(111) Surface. Journal of Physical Chemistry C, 2018, 122, 16092-16099.	3.1	31
8	Electronic transport in planar atomic-scale structures measured by two-probe scanning tunneling spectroscopy. Nature Communications, 2019, 10, 1573.	12.8	29
9	Optical spectrum of bottom-up graphene nanoribbons: towards efficient atom-thick excitonic solar cells. Scientific Reports, 2014, 4, 6579.	3.3	24
10	Stabilizing Edge Fluorination in Graphene Nanoribbons. ACS Nano, 2020, 14, 11120-11129.	14.6	23
11	Band Depopulation of Graphene Nanoribbons Induced by Chemical Gating with Amino Groups. ACS Nano, 2020, 14, 1895-1901.	14.6	23
12	Bias-dependent local structure of water molecules at a metallic interface. Chemical Science, 2018, 9, 62-69.	7.4	19
13	A tunable electronic beam splitter realized with crossed graphene nanoribbons. Journal of Chemical Physics, 2017, 146, 092318.	3.0	18
14	On-Surface Synthesis of Chlorinated Narrow Graphene Nanoribbon Organometallic Hybrids. Journal of Physical Chemistry Letters, 2020, 11, 10290-10297.	4.6	14
15	Search for a Metallic Dangling-Bond Wire on <i>n</i>-Doped H-Passivated Semiconductor Surfaces. Journal of Physical Chemistry C, 2016, 120, 20303-20309.	3.1	11
16	Crossed graphene nanoribbons as beam splitters and mirrors for electron quantum optics. Physical Review B, 2020, 102, .	3.2	10
17	Publisherâ€™s Note: â€œA tunable electronic beam splitter realized with crossed graphene nanoribbonsâ€•[J. Chem. Phys. 146, 092318 (2017)]. Journal of Chemical Physics, 2017, 146, 199902.	3.0	4
18	From starphenes to non-benzenoid linear conjugated polymers by substrate templating. Nanoscale Advances, 2021, 3, 2351-2358.	4.6	4