

# Pedro Brandimarte Mendonça

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

760  
citations

623699

14  
h-index

839512

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1033  
citing authors

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