

Henrique BÃ¼cker Ribeiro

List of Publications by Year in descending order

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26
papers

1,374
citations

623734

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642732

23
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26
all docs

26
docs citations

26
times ranked

2610
citing authors

#	ARTICLE	IF	CITATIONS
1	Visible Out-of-plane Polarized Luminescence and Electronic Resonance in Black Phosphorus. Nano Letters, 2022, , .	9.1	5
2	Femtosecond nonlinear refraction of 2D semi-metallic redox exfoliated ZrTe ₂ at 800nm. Applied Physics Letters, 2021, 118, .	3.3	13
3	Long-term environmental stability of nitrogen-healed black phosphorus. Applied Surface Science, 2021, 564, 150450.	6.1	7
4	Polarized Raman spectroscopy in low-symmetry 2D materials: angle-resolved experiments and complex number tensor elements. Physical Chemistry Chemical Physics, 2021, 23, 27103-27123.	2.8	14
5	Femtosecond Nonlinear Optical Properties of 2D Metallic NbS ₂ in the Near Infrared. Journal of Physical Chemistry C, 2020, 124, 15425-15433.	3.1	27
6	Edge phonons in layered orthorhombic GeS and GeSe monochalcogenides. Physical Review B, 2019, 100, .	3.2	22
7	QR code micro-certified gemstones: femtosecond writing and Raman characterization in Diamond, Ruby and Sapphire. Scientific Reports, 2019, 9, 8927.	3.3	9
8	Intralayer and interlayer electron-phonon interactions in twisted graphene heterostructures. Nature Communications, 2018, 9, 1221.	12.8	93
9	Raman spectroscopy in black phosphorus. Journal of Raman Spectroscopy, 2018, 49, 76-90.	2.5	115
10	Nonlinear Absorption and Optical Limiting Effect in Redox Exfoliated Layered Transition Metal Dichalcogenides. , 2018, , .		1
11	Raman Excitation Profile of the G-band Enhancement in Twisted Bilayer Graphene. Brazilian Journal of Physics, 2017, 47, 589-593.	1.4	9
12	Micromechanical exfoliation of two-dimensional materials by a polymeric stamp. Materials Research Express, 2016, 3, 025303.	1.6	15
13	Edge phonons in black phosphorus. Nature Communications, 2016, 7, 12191.	12.8	70
14	Origin of van Hove singularities in twisted bilayer graphene. Carbon, 2015, 90, 138-145.	10.3	33
15	Unusual Angular Dependence of the Raman Response in Black Phosphorus. ACS Nano, 2015, 9, 4270-4276.	14.6	301
16	Oxidized Multiwalled Carbon Nanotubes as Antigen Delivery System to Promote Superior CD8 ⁺ T Cell Response and Protection against Cancer. Nano Letters, 2014, 14, 5458-5470.	9.1	92
17	Doping behavior of single-walled carbon nanotubes with differently charged porphyrins. Carbon, 2010, 48, 377-379.	10.3	10
18	Measuring the electronic properties of single-walled carbon nanotubes with adsorbed porphyrins using optical transitions. Journal of Porphyrins and Phthalocyanines, 2010, 14, 885-890.	0.8	7

#	ARTICLE	IF	CITATIONS
19	PHOTOLUMINESCENCE AND PHOTOLUMINESCENCE EXCITATION SPECTROSCOPY OF SEMICONDUCTING SINGLE WALL CARBON NANOTUBES. <i>International Journal of Modern Physics B</i> , 2009, 23, 2676-2677.	2.0	0
20	Optical study of porphyrin-doped carbon nanotubes. <i>Chemical Physics Letters</i> , 2008, 462, 109-111.	2.6	26
21	About the blue and green colours in natural fluorapatite. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005, 2, 720-723.	0.8	12
22	Spectroscopy of small diameter single-wall carbon nanotubes. <i>AIP Conference Proceedings</i> , 2005, , .	0.4	0
23	Direct Experimental Evidence of Exciton-Phonon Bound States in Carbon Nanotubes. <i>Physical Review Letters</i> , 2005, 95, 247401.	7.8	101
24	Phonon-Assisted Excitonic Recombination Channels Observed in DNA-Wrapped Carbon Nanotubes Using Photoluminescence Spectroscopy. <i>Physical Review Letters</i> , 2005, 94, 127402.	7.8	110
25	Quantifying carbon-nanotube species with resonance Raman scattering. <i>Physical Review B</i> , 2005, 72, .	3.2	153
26	Optical characterization of DNA-wrapped carbon nanotube hybrids. <i>Chemical Physics Letters</i> , 2004, 397, 296-301.	2.6	129