

Jenaina Ribeiro Soares

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,162
citations

471509

17
h-index

434195

31
g-index

31
all docs

31
docs citations

31
times ranked

2191
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of engineered-biochar under different pyrolysis conditions for phosphorus removal from aqueous solution. <i>Science of the Total Environment</i> , 2022, 816, 151559.	8.0	23
2	Biochar-graphene oxide composite is efficient to adsorb and deliver copper and zinc in tropical soil. <i>Journal of Cleaner Production</i> , 2022, 360, 132170.	9.3	9
3	Exploring the structural and optoelectronic properties of natural insulating phlogopite in van der Waals heterostructures. <i>2D Materials</i> , 2022, 9, 035007.	4.4	12
4	Influence of Methyl Groups in Triphenylmethane Dyes on Their Adsorption on Biochars from Coffee Husks. <i>Water, Air, and Soil Pollution</i> , 2022, 233, .	2.4	4
5	Mechanical properties of layered tilkerodeite (Pd_2HgSe_3) and jacutingaite (Pt_2HgSe_3) crystals: Insights on the interlayer, intralayer interactions, and phonons. <i>Journal of Applied Physics</i> , 2021, 130, 015105.	2.5	1
6	Raman spectrum of layered tilkerodeite (Pd_2HgSe_3) topological insulator: the palladium analogue of jacutingaite (Pt_2HgSe_3). <i>Journal of Physics Condensed Matter</i> , 2021, 33, 065401.	1.8	6
7	Raman spectrum of layered jacutingaite (Pt_2HgSe_3) crystals – Experimental and theoretical study. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 357-365.	2.5	10
8	Coffee growing altitude influences the microbiota, chemical compounds and the quality of fermented coffees. <i>Food Research International</i> , 2020, 129, 108872.	6.2	62
9	Raman spectroscopy polarization dependence analysis in two-dimensional gallium sulfide. <i>Physical Review B</i> , 2020, 102, .	3.2	16
10	Superior stiffness and vibrational spectroscopic signature of two-dimensional diamond-like carbon nitrides. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2020, 119, 114007.	2.7	2
11	Temperature-dependent phonon dynamics and anharmonicity of suspended and supported few-layer gallium sulfide. <i>Nanotechnology</i> , 2020, 31, 495702.	2.6	10
12	Temperature-dependent phonon dynamics of supported and suspended monolayer tungsten diselenide. <i>AIP Advances</i> , 2019, 9, .	1.3	27
13	Probing Spatial Phonon Correlation Length in Post-Transition Metal Monochalcogenide GaS Using Tip-Enhanced Raman Spectroscopy. <i>Nano Letters</i> , 2019, 19, 7357-7364.	9.1	30
14	Monitoring the Applied Strain in Monolayer Gallium Selenide through Vibrational Spectroscopies: A First-Principles Investigation. <i>Physical Review Applied</i> , 2019, 11, .	3.8	17
15	Preparation of mesoporous activated carbon from defective coffee beans for adsorption of fresh whey proteins. <i>Acta Scientiarum - Technology</i> , 2019, 42, e45914.	0.4	1
16	Carbon Stability of Engineered Biochar-Based Phosphate Fertilizers. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 14203-14212.	6.7	39
17	Stable holey two-dimensional C_2N_2 structures with tunable electronic structure. <i>Physical Review B</i> , 2018, 97, .	3.2	13
18	DIFFERENT PLANT BIOMASS CHARACTERIZATIONS FOR BIOCHAR PRODUCTION. <i>Cerne</i> , 2017, 23, 529-536.	0.9	36

#	ARTICLE	IF	CITATIONS
19	Ultra-weak interlayer coupling in two-dimensional gallium selenide. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 25401-25408.	2.8	22
20	Depth dependence of black carbon structure, elemental and microbiological composition in anthropic Amazonian dark soil. <i>Soil and Tillage Research</i> , 2016, 155, 298-307.	5.6	21
21	Study of Carbon Nanostructures for Soil Fertility Improvement. <i>Nanomedicine and Nanotoxicology</i> , 2016, , 85-104.	0.2	1
22	Group theory for structural analysis and lattice vibrations in phosphorene systems. <i>Physical Review B</i> , 2015, 91, .	3.2	82
23	Second Harmonic Generation in WSe ₂ . <i>2D Materials</i> , 2015, 2, 045015.	4.4	88
24	Enhanced Mechanical Stability of Gold Nanotips through Carbon Nanocone Encapsulation. <i>Scientific Reports</i> , 2015, 5, 10408.	3.3	21
25	Structural analysis of polycrystalline graphene systems by Raman spectroscopy. <i>Carbon</i> , 2015, 95, 646-652.	10.3	184
26	News and Views: Perspectives on Graphene and Other 2D Materials Research and Technology Investments. <i>Brazilian Journal of Physics</i> , 2014, 44, 278-282.	1.4	6
27	Group theory analysis of phonons in two-dimensional transition metal dichalcogenides. <i>Physical Review B</i> , 2014, 90, .	3.2	182
28	Resonance effects on the Raman spectra of graphene superlattices. <i>Physical Review B</i> , 2013, 88, .	3.2	128
29	The use of Raman spectroscopy to characterize the carbon materials found in Amazonian anthrosoils. <i>Journal of Raman Spectroscopy</i> , 2013, 44, 283-289.	2.5	59
30	Electron Microscopy and Spectroscopy Analysis of Carbon Nanostructures in Highly Fertile Amazonian Anthrosoils. <i>Microscopy and Microanalysis</i> , 2012, 18, 1502-1503.	0.4	2
31	Microscopy and spectroscopy analysis of carbon nanostructures in highly fertile Amazonian anthrosoils. <i>Soil and Tillage Research</i> , 2012, 122, 61-66.	5.6	48