

Pedro Miguel M C De Melo

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

364
citations

1478505

6
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

557
citing authors

#	ARTICLE	IF	CITATIONS
1	Phonon-Assisted Luminescence in Defect Centers from Many-Body Perturbation Theory. <i>Physical Review Letters</i> , 2022, 128, 167401.	7.8	13
2	Optical Signatures of Defect Centers in Transition Metal Dichalcogenide Monolayers. <i>Advanced Quantum Technologies</i> , 2021, 4, 2000118.	3.9	8
3	Fröhlich polaron effective mass and localization length in cubic materials: Degenerate and anisotropic electronic bands. <i>Physical Review B</i> , 2021, 104, .	3.2	8
4	Spin States Protected from Intrinsic Electron-Phonon Coupling Reaching 100 ns Lifetime at Room Temperature in MoSe ₂ . <i>Nano Letters</i> , 2019, 19, 4083-4090.	9.1	27
5	Many-body perturbation theory calculations using the yambo code. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 325902.	1.8	269
6	Lamb shift of the Dirac cone of graphene. <i>Europhysics Letters</i> , 2016, 116, 43001.	2.0	0
7	Unified theory of quantized electrons, phonons, and photons out of equilibrium: A simplified <i>ab initio</i> approach based on the generalized Baym-Kadanoff ansatz. <i>Physical Review B</i> , 2016, 93, .	3.2	39