

# Pedro Miguel M C De Melo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9422287/publications.pdf>

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