

# Tiago Pacheco

## List of Publications by Year in descending order

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9  
papers

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1307594

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#	ARTICLE	IF	CITATIONS
1	Magnetic characterization, electronic structure and vibrational properties of (NH <sub>4</sub> ) <sub>2</sub> M(SO <sub>4</sub> ) <sub>2</sub> ·6H <sub>2</sub> O (M=Mn, Ni) crystals. Solid State Communications, 2021, 334-335, 114384.	1.9	3
2	Synthesis and vibrational spectroscopy of $(\text{NH}_4)_2\text{M}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$ (M=Mn, Ni) crystals. Solid State Communications, 2021, 334-335, 114384.	1.9	3
3	Growth and vibrational spectroscopy of $(\text{NH}_4)_2\text{M}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$ (M=Mn, Ni) crystals. Solid State Communications, 2021, 334-335, 114384.	2.2	8
4	Growth, characterization and vibrational spectroscopy of (NH <sub>4</sub> ) <sub>2</sub> (M <sub>1</sub> ) <sub>2</sub> (SO <sub>4</sub> ) <sub>2</sub> ·6H <sub>2</sub> O (M <sub>1</sub> =Mn, Ni) crystals. Materials Research Express, 2019, 6, 096302.	2.2	8
5	Electronic properties and vibrational spectra of (NH <sub>4</sub> ) <sub>2</sub> M <sup>3+</sup> (SO <sub>4</sub> ) <sub>2</sub> ·6H <sub>2</sub> O (M <sup>3+</sup> =Ni, Cu) Tutton's salt: DFT and experimental study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 218, 281-292.	3.9	16
6	Growth and characterization of ammonium nickel-cobalt sulfate Tutton's salt for UV light applications. Journal of Crystal Growth, 2018, 487, 104-115.	1.5	25
7	Growth and characterization of ammonium nickel-copper sulfate hexahydrate: A new crystal of Tutton's salt family for the application in solar-blind technology. Optical Materials, 2018, 85, 425-437.	3.6	21
8	Growth and structural analysis of ammonium nickel cobalt sulfate hexahydrate crystals. Materials Research Express, 2017, 4, 105036.	1.6	15
9	Growth and characterization of potassium cobalt nickel sulfate hexahydrate crystals: A new UV light filter. Journal of Science: Advanced Materials and Devices, 2017, 2, 354-359.	3.1	13