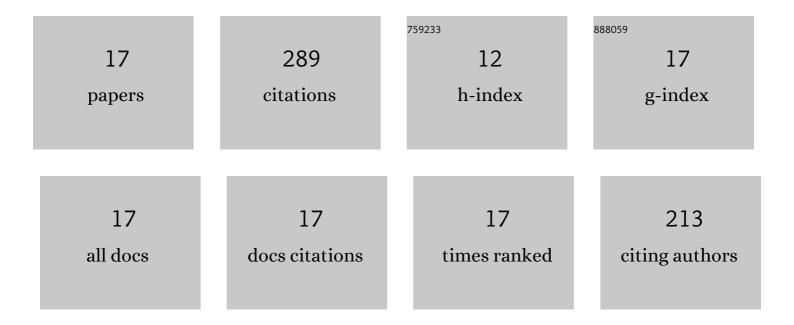
João V Paulin

List of Publications by Year in descending order

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Ιοδέο V Ρλιμικ

#	Article	IF	CITATIONS
1	Printable and flexible graphene pH sensors utilising thin film melanin for physiological applications. 2D Materials, 2020, 7, 024008.	4.4	41
2	Melanin synthesis under oxygen pressure. Polymer International, 2016, 65, 1339-1346.	3.1	25
3	Biocompatibility investigations of synthetic melanin and melanin analogue for application in bioelectronics. Polymer International, 2016, 65, 1347-1354.	3.1	25
4	Identification of Common Resonant Lines in the EPR Spectra of Melanins. Journal of Physical Chemistry B, 2019, 123, 1248-1255.	2.6	22
5	From nature to organic (bio)electronics: a review on melanin-inspired materials. Journal of Materials Chemistry C, 2021, 9, 14514-14531.	5.5	21
6	Melanin system composition analyzed by XPS depth profiling. Surfaces and Interfaces, 2021, 24, 101053.	3.0	21
7	Melanin thin-films: a perspective on optical and electrical properties. Journal of Materials Chemistry C, 2021, 9, 8345-8358.	5.5	21
8	Structural and optical properties of soluble melanin analogues with enhanced photoluminescence quantum efficiency. Polymer International, 2018, 67, 550-556.	3.1	19
9	Shedding Light on the Free Radical Nature of Sulfonated Melanins. Journal of Physical Chemistry B, 2020, 124, 10365-10373.	2.6	18
10	Temperature-enhanced synthesis of DMSO-Melanin. Journal of Molecular Structure, 2014, 1056-1057, 135-140.	3.6	16
11	Ultravioletâ€protective thin film based on PVA–melanin/rodâ€coated silver nanowires and its application as a transparent capacitor. Journal of Applied Polymer Science, 2019, 136, 47805.	2.6	15
12	High-field/high-frequency EPR spectroscopy on synthetic melanin: on the origin of carbon-centered radicals. Materials Advances, 2021, 2, 6297-6305.	5.4	14
13	Solid-State Electrochemical Energy Storage Based on Soluble Melanin. Electrochem, 2021, 2, 264-273.	3.3	12
14	A strategy towards melanin-based functional material: rGO and sulfonated melanin composites. Journal of Materials Chemistry C, 2021, 9, 16991-17002.	5.5	8
15	Investigation into the suitability of screen printed graphene-melanin pH sensors for use in bacterial culturing applications. Journal of Electroanalytical Chemistry, 2022, 904, 115868.	3.8	5
16	Eumelanin-based multisensory platform: A case of study for photolithographic patterning. Applied Materials Today, 2022, 28, 101525.	4.3	4
17	Sulfonated melanin derivatives: theoretical evaluation of local reactivities and chemical structures. Journal of Molecular Modeling, 2021, 27, 362.	1.8	2