

# Ana I S Neves

## List of Publications by Year in descending order

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28  
papers

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citations

623574

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552653

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28  
docs citations

28  
times ranked

1239  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrahigh Performance Nanoengineered Graphene-Concrete Composites for Multifunctional Applications. <i>Advanced Functional Materials</i> , 2018, 28, 1705183.	7.8	161
2	A New Facile Route to Flexible and Semi-Transparent Electrodes Based on Water Exfoliated Graphene and their Single-Electrode Triboelectric Nanogenerator. <i>Advanced Materials</i> , 2018, 30, e1802953.	11.1	74
3	Transparent conductive graphene textile fibers. <i>Scientific Reports</i> , 2015, 5, 9866.	1.6	72
4	Graphene electronic fibres with touch-sensing and light-emitting functionalities for smart textiles. <i>Npj Flexible Electronics</i> , 2018, 2, .	5.1	62
5	Low Operating Voltage Carbon-Graphene Hybrid E-textile for Temperature Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 29861-29867.	4.0	54
6	Towards conductive textiles: coating polymeric fibres with graphene. <i>Scientific Reports</i> , 2017, 7, 4250.	1.6	45
7	Effect of Molecular Stacking on Exciton Diffusion in Crystalline Organic Semiconductors. <i>Journal of the American Chemical Society</i> , 2015, 137, 7104-7110.	6.6	37
8	A new hybrid material exhibiting room temperature spin-crossover and ferromagnetic cluster-glass behavior. <i>CrystEngComm</i> , 2009, 11, 2160.	1.3	28
9	Complexes based on asymmetrically substituted pyridine-dithiolene ligands [M(4-pedt) <sub>2</sub> ] (M=Au, Cu, Ni); <i>Tj ETQq1 1 0.784314 rgB Polyhedron</i> , 2009, 28, 1069-1078.	1.0	27
10	Ultrasensitive organic phototransistors with multispectral response based on thin-film/single-crystal bilayer structures. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	25
11	Water-Based Solution Processing and Wafer-Scale Integration of All-Graphene Humidity Sensors. <i>Advanced Science</i> , 2019, 6, 1802318.	5.6	25
12	Graphene coated fabrics by ultrasonic spray coating for wearable electronics and smart textiles. <i>JPhys Materials</i> , 2021, 4, 014004.	1.8	21
13	( $\pm$ -DT-TTF) <sub>2</sub> [Au(mnt) <sub>2</sub> ]: A Weakly Disordered Molecular Spin-Ladder System. <i>Inorganic Chemistry</i> , 2013, 52, 5300-5306.	1.9	20
14	Tetrapyridine and Tetrapyrazine TTF Derivatives: Synthesis, Characterization and Preparation of a Bimetallic Coll Complex. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 4728-4734.	1.0	17
15	Cation and ligand roles in the coordination of Fe(III) bisdithiolene complexes; the crystal structures of (BrBzPy) <sub>2</sub> [Fe(qdt) <sub>2</sub> ] <sub>2</sub> and [Fe( $\pm$ -tpdt) <sub>2</sub> ] <sub>2</sub> salts. <i>CrystEngComm</i> , 2009, 11, 1046.	1.3	13
16	Ni-2,3-thiophenedithiolate Anions in New Architectures: An In-Line Mixed-Valence Ni Dithiolene (Ni4-S12) Cluster. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 4807-4815.	1.0	11
17	5-Methylthiophene-2,3-dithiolene Transition Metal Complexes. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 3989-3999.	1.0	11
18	Graphene Based Triboelectric Nanogenerators Using Water Based Solution Process. <i>Frontiers in Physics</i> , 2021, 9, .	1.0	10

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19	1,1-Dithiophene-tetrathiafulvalene " a Detailed Study of an Electronic Donor and Its Derivatives. European Journal of Inorganic Chemistry, 2013, 2013, 2440-2446.	1.0	9
20	Polycarbonate films metalized with a single component molecular conductor suited to strain and stress sensing applications. Organic Electronics, 2012, 13, 894-898.	1.4	8
21	Conducting films based on single-component molecular metals. Chemical Communications, 2015, 51, 13117-13119.	2.2	8
22	Smart textile: Exploration of wireless sensing capabilities. , 2017, , .		3
23	Piezoelectric Property of Electrospun PVDF Nanofibers as Linking Tips of Artificial-Hair-Cell Structures in Cochlea. Nanomaterials, 2022, 12, 1466.	1.9	3
24	New copper thiophenedithiolenes for single component molecular metals. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 1137-1139.	0.8	2
25	Magnetic properties of [K(18-crown-6)][Ni(1,1'-tpdt)2]. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 1199-1201.	0.8	2
26	Challenges of Coating Textiles with Graphene. Johnson Matthey Technology Review, 2022, 66, 106-113.	0.5	2
27	Dimerisation of Fe bisdithiolenes complexes: An electrochemical study. Inorganica Chimica Acta, 2015, 426, 160-164.	1.2	1
28	Conversion of antibacterial activity of graphene-coated textiles through surface polarity. Nano Select, 0, , .	1.9	1