

Myriam BarrejÃ³n Araque

List of Publications by Year in descending order

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26
papers

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Grafted-double walled carbon nanotubes as electrochemical platforms for immobilization of antibodies using a metallic-complex chelating polymer: Application to the determination of adiponectin cytokine in serum. <i>Biosensors and Bioelectronics</i> , 2015, 74, 24-29.	10.1	47
2	Cross-Linked Carbon Nanotube Adsorbents for Water Treatment: Tuning the Sorption Capacity through Chemical Functionalization. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 12920-12930.	8.0	45
3	Endohedral and exohedral hybrids involving fullerenes and carbon nanotubes. <i>Nanoscale</i> , 2012, 4, 4370.	5.6	44
4	A photoresponsive graphene oxide@C ₆₀ conjugate. <i>Chemical Communications</i> , 2014, 50, 9053.	4.1	39
5	Carbon Nanotube Membranes in Water Treatment Applications. <i>Advanced Materials Interfaces</i> , 2022, 9, 2101260.	3.7	39
6	Charge stabilizing tris(triphenylamine)-zinc porphyrin@carbon nanotube hybrids: synthesis, characterization and excited state charge transfer studies. <i>Nanoscale</i> , 2017, 9, 7551-7558.	5.6	35
7	Chemically Cross-Linked Carbon Nanotube Films Engineered to Control Neuronal Signaling. <i>ACS Nano</i> , 2019, 13, 8879-8889.	14.6	28
8	Covalent functionalization of N-doped graphene by N-alkylation. <i>Chemical Communications</i> , 2015, 51, 16916-16919.	4.1	24
9	Bidirectional charge-transfer behavior in carbon-based hybrid nanomaterials. <i>Nanoscale</i> , 2019, 11, 14978-14992.	5.6	20
10	Ultrafast electron transfer in all-carbon-based SWCNT@C ₆₀ donor-acceptor nanoensembles connected by poly(phenylene-ethynylene) spacers. <i>Nanoscale</i> , 2016, 8, 14716-14724.	5.6	18
11	Peripheral versus axial substituted phthalocyanine-double-walled carbon nanotube hybrids as light harvesting systems. <i>Journal of Materials Chemistry C</i> , 2015, 3, 10215-10224.	5.5	17
12	Carbon nanotubes for cardiac tissue regeneration: State of the art and perspectives. <i>Carbon</i> , 2021, 184, 641-650.	10.3	17
13	Covalent decoration onto the outer walls of double walled carbon nanotubes with perylenediimides. <i>Journal of Materials Chemistry C</i> , 2015, 3, 4960-4969.	5.5	16
14	Modulation of the exfoliated graphene work function through cycloaddition of nitrile imines. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 29582-29590.	2.8	16
15	Carbon Nanostructures in Rotaxane Architectures. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3371-3383.	2.4	15
16	N-Doped graphene/C60 covalent hybrid as a new material for energy harvesting applications. <i>Chemical Science</i> , 2018, 9, 8221-8227.	7.4	12
17	Chelation assistance as a tool for the selective preparation of an imidazole-based mesoionic palladium carbene complex. <i>Chemical Communications</i> , 2014, 50, 15313-15315.	4.1	10
18	Cycloaddition of Nitrile Oxides to Graphene: a Theoretical and Experimental Approach. <i>Chemistry - A European Journal</i> , 2019, 25, 14644-14650.	3.3	9

#	ARTICLE	IF	CITATIONS
19	Synthesis, characterization and photoinduced charge separation of carbon nanohorn-oligothiophenevinylene hybrids. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 1828-1837.	2.8	8
20	Ionic liquids plus microwave irradiation: a general methodology for the retro-functionalization of single-walled carbon nanotubes. <i>Nanoscale</i> , 2018, 10, 15782-15787.	5.6	7
21	Self-Assembly-Directed Organization of a Fullerene-Bisporphyrin into Supramolecular Giant Donut Structures for Excited-State Charge Stabilization. <i>Journal of the American Chemical Society</i> , 2021, 143, 11199-11208.	13.7	6
22	Formation and Photoinduced Electron Transfer in Porphyrin- and Phthalocyanine-Bearing N-Doped Graphene Hybrids Synthesized by Click Chemistry. <i>Chemistry - A European Journal</i> , 2022, , .	3.3	3
23	Polyaromatic cores for the exfoliation of popular 2D materials. <i>Nanoscale</i> , 2022, 14, 8986-8994.	5.6	2
24	Hybrids Involving Fullerenes and Carbon Nanotubes. <i>World Scientific Series on Carbon Nanoscience</i> , 2012, , 217-243.	0.1	0
25	Carbon Nanomaterials for Neuronal Tissue Engineering. <i>RSC Nanoscience and Nanotechnology</i> , 2021, , 184-222.	0.2	0
26	Cover Feature: Formation and Photoinduced Electron Transfer in Porphyrin- and Phthalocyanine-Bearing N-Doped Graphene Hybrids Synthesized by Click Chemistry (<i>Chem. Eur. J.</i>) Tj ETQq0 0 OrgBT /Overlock 10 T		