

# Miriam Trigo-López

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

504  
citations

687363

13  
h-index

677142

22  
g-index

25  
all docs

25  
docs citations

25  
times ranked

678  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Aromatic Polyamides. <i>Polymers</i> , 2017, 9, 414.	4.5	74
2	Colorimetric detection and determination of Fe(III), Co(II), Cu(II) and Sn(II) in aqueous media by acrylic polymers with pendant terpyridine motifs. <i>Sensors and Actuators B: Chemical</i> , 2016, 226, 118-126.	7.8	52
3	Water-soluble polymers, solid polymer membranes, and coated fibres as smart sensory materials for the naked eye detection and quantification of TNT in aqueous media. <i>Chemical Communications</i> , 2014, 50, 2484-2487.	4.1	47
4	Crosslinked Aromatic Polyamides: A Further Step in High-Performance Materials. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 2223-2231.	2.2	46
5	Intrinsically colored wholly aromatic polyamides (aramids). <i>Dyes and Pigments</i> , 2015, 122, 177-183.	3.7	30
6	Functional aromatic polyamides for the preparation of coated fibres as smart labels for the visual detection of biogenic amine vapours and fish spoilage. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127249.	7.8	30
7	Polymeric chemosensor for the detection and quantification of chloride in human sweat. Application to the diagnosis of cystic fibrosis. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3735-3741.	5.8	24
8	Recent Patents on Aromatic Polyamides. <i>Recent Patents on Materials Science</i> , 2009, 2, 190-208.	0.5	24
9	Solid polymer substrates and smart fibres for the selective visual detection of TNT both in vapour and in aqueous media. <i>RSC Advances</i> , 2014, 4, 25562-25568.	3.6	22
10	Microcellular foamed aromatic polyamides (aramids). Structure, thermal and mechanical properties. <i>European Polymer Journal</i> , 2019, 110, 9-13.	5.4	19
11	Palladium-containing polymers as hybrid sensory materials (water-soluble polymers, films and smart) <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 2750-2755.	7.8	15
12	Functional aramids: Aromatic polyamides with reactive azido and amino groups in the pendant structure. <i>Journal of Polymer Science Part A</i> , 2014, 52, 1469-1477.	2.3	14
13	Solid sensory polymer kit for the easy and rapid determination of the concentration of water in organic solvents and ambient humidity. <i>Sensors and Actuators B: Chemical</i> , 2014, 191, 233-238.	7.8	14
14	Acrylic copolymers with pendant 1,2,4-triazole moieties as colorimetric sensory materials and solid phases for the removal and sensing of cations from aqueous media. <i>Journal of Polymer Science Part A</i> , 2011, 49, 3817-3825.	2.3	13
15	Aromatic polyamides and acrylic polymers as solid sensory materials and smart coated fibres for high acidity colorimetric sensing. <i>Polymer Chemistry</i> , 2015, 6, 3110-3120.	3.9	13
16	Fabrication of microporous PMMA using ionic liquids: An improved route to classical ScCO <sub>2</sub> foaming process. <i>Polymer</i> , 2019, 183, 121867.	3.8	11
17	Porous aromatic polyamides the easy and green way. <i>European Polymer Journal</i> , 2019, 116, 91-98.	5.4	11
18	Recent Patents on Aromatic Polyamides. <i>Recent Patents on Materials Science</i> , 2010, 2, 190-208.	0.5	9

#	ARTICLE	IF	CITATIONS
19	Hybrid aramids, Ir(III)-functionalized aromatic polyamides. <i>European Polymer Journal</i> , 2017, 95, 119-126.	5.4	8
20	Heteroaromatic Polyamides with Improved Thermal and Mechanical Properties. <i>Polymers</i> , 2020, 12, 1793.	4.5	8
21	High-performance nanoporous aramid films reinforced with functionalized carbon nanocharges using ionic liquids. <i>Polymer</i> , 2020, 202, 122629.	3.8	4
22	Foaming behavior of 1-vinyl-2-pyrrolidoneâ€“methyl methacrylate copolymers under ScCO <sub>2</sub> . <i>Frontiers in Forests and Global Change</i> , 2020, 39, 203-219.	1.1	1
23	Segmented-Block Poly(ether amide)s Containing Flexible Polydisperse Polyethyleneoxide Sequences and Rigid Aromatic Amide Moieties. <i>Materials</i> , 2021, 14, 2804.	2.9	1
24	Intrinsically Coloured Red Aromatic Polyamides. , 2021, 5, .		1