Fernandes, S; Fernandes, S N; Fernandes, Susete N;

List of Publications by Year in Descending Order

45	966	16	30
papers	citations	h-index	g-index

51	1,132	5.5	4.13
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
45	Genotoxicity of Three Micro/Nanocelluloses with Different Physicochemical Characteristics in MG-63 and V79 Cells. *Journal of Xenobiotics*, **2022**, 12, 91-108	1	1
44	Cellulose Nanocrystal Aqueous Colloidal Suspensions: Evidence of Density Inversion at the Isotropic-liquid Crystal Phase Transition.. *Advanced Materials*, **2022**, e2108227	24	1
43	Water Dynamics in Composite Aqueous Suspensions of Cellulose Nanocrystals and a Clay Mineral Studied through Magnetic Resonance Relaxometry. *Journal of Physical Chemistry B*, **2021**, 125, 12787-12796	3.4	0
42	Travelling colourful patterns in self-organized cellulose-based liquid crystalline structures. *Communications Materials*, **2021**, 2,	6	1
41	Playing the blues, the greens and the reds with cellulose-based structural colours. *Faraday Discussions*, **2020**, 223, 247-260	3.6	1
40	All-cellulose composite membranes for oil microdroplet collection. *Cellulose*, **2020**, 27, 4665-4677	5.5	4
39	Flexible and Structural Coloured Composite Films from Cellulose Nanocrystals/Hydroxypropyl Cellulose Lyotropic Suspensions. *Crystals*, **2020**, 10, 122	2.3	10
38	Photonic composite materials from cellulose nanorods and clay nanolayers. *European Physical Journal: Special Topics*, **2020**, 229, 2741-2755	2.3	4
37	Flexible random lasers in dye-doped bio-degradable cellulose nanocrystalline needles. *Journal of the Optical Society of America B: Optical Physics*, **2020**, 37, 24	1.7	3
36	Ionically Modified Cellulose Nanocrystal Self-Assembled Films with a Mesoporous Twisted Superstructure: Polarizability and Application in Ion-Gated Transistors. *ACS Applied Electronic Materials*, **2020**, 2, 426-436	4	7
35	Recent advances in the manipulation of circularly polarised light with cellulose nanocrystal films. *Current Opinion in Solid State and Materials Science*, **2019**, 23, 63-73	12	13
34	Field-Effect Transistors on Photonic Cellulose Nanocrystal Solid Electrolyte for Circular Polarized Light Sensing. *Advanced Functional Materials*, **2019**, 29, 1805279	15.6	26
33	Cellulose-Based Biomimetics and Their Applications. *Advanced Materials*, **2018**, 30, e1703655	24	110
32	Functional Stimuli-Responsive Gels: Hydrogels and Microgels. *Gels*, **2018**, 4,	4.2	87
31	Cellulose-Based Materials: Cellulose-Based Biomimetics and Their Applications (Adv. Mater. 19/2018). *Advanced Materials*, **2018**, 30, 1870131	24	4
30	Liquid fibres and their networks from cellulose-based liquid crystalline solutions. *Liquid Crystals*, **2018**, 45, 1987-1995	2.3	5
29	Cellulosic liquid crystals for films and fibers. *Liquid Crystals Reviews*, **2017**, 5, 86-110	2.8	16

28	Hybrid polysaccharide-based systems for biomedical applications **2017**, 107-149		2
27	Twisted, 10–12 May 2017, Luxembourg. *Liquid Crystals Today*, **2017**, 26, 59-62	1.9	
26	Mind the Microgap in Iridescent Cellulose Nanocrystal Films. *Advanced Materials*, **2017**, 29, 1603560	24	105
25	Cellulose-based nanostructures for photoresponsive surfaces. *Cellulose*, **2016**, 23, 465-476	5.5	4
24	Effect of cellulose nanocrystals in a cellulosic liquid crystal behaviour under low shear (regime I): Structure and molecular dynamics. *European Polymer Journal*, **2016**, 84, 675-684	5.2	7
23	Rheo-optical characterization of liquid crystalline acetoxypropylcellulose melt undergoing large shear flow and relaxation after flow cessation. *Polymer*, **2015**, 71, 102-112	3.9	3
22	Revealing the Hierarchical Mechanical Strength of Single Cellulose Acetate Electrospun Filaments through Ultrasonic Breakage. *Macromolecular Rapid Communications*, **2015**, 36, 1166-70	4.8	3
21	Macromol. Rapid Commun. 12/2015. *Macromolecular Rapid Communications*, **2015**, 36, 1220-1220	4.8	
20	H-H cross-relaxation study in a partially deuterated nematic liquid crystal. *Journal of Physical Chemistry B*, **2014**, 118, 5600-7	3.4	5
19	Nanocrystalline cellulose applied simultaneously as the gate dielectric and the substrate in flexible field effect transistors. *Nanotechnology*, **2014**, 25, 094008	3.4	180
18	Structural Color and Iridescence in Transparent Sheared Cellulosic Films. *Macromolecular Chemistry and Physics*, **2013**, 214, 25-32	2.6	71
17	Copolymerization of ethylene with unsaturated alcohols and methylmethacrylate using a silylated diimine nickel catalyst: Molecular modeling and photodegradation studies. *Journal of Applied Polymer Science*, **2013**, 129, 1820-1832	2.9	8
16	A cellulose liquid crystal motor: a steam engine of the second kind. *Scientific Reports*, **2013**, 3, 1028	4.9	40
15	Cellulose-based liquid crystalline photoresponsive films with tunable surface wettability. *Langmuir*, **2011**, 27, 6330-7	4	17
14	New phospholyl complexes of groups 4 and 6: Syntheses, characterisation and polymerisation studies. *Inorganica Chimica Acta*, **2009**, 362, 1275-1281	2.7	4
13	Photodegradation of ethylene/propylene/polar monomers, co-, and terpolymers. II. Prepared by Ni catalyst systems. *Journal of Applied Polymer Science*, **2007**, 104, 1783-1791	2.9	2
12	Dielectric and thermal characterization of low density ethylene/10-undecen-1-ol copolymers prepared with nickel catalysts. *Journal of Polymer Science, Part B: Polymer Physics*, **2007**, 45, 2802-2812	2.6	5
11	Photodegradation of Ethylene/Propylene/Polar Monomers Co- and Terpolymers. II. Prepared by Group 4 Catalyst Systems. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **2005**, 42, 1259-1270	2.2	

10	Titanium and zirconium ketimide complexes: synthesis and ethylene polymerisation catalysis. *Journal of Organometallic Chemistry*, **2005**, 690, 874-884	2.3	33
9	Copolymerization of ethylene/unsaturated alcohols using nickel catalysts: effect of the ligand on the activity and comonomer incorporation. *Journal of Organometallic Chemistry*, **2005**, 690, 895-909	2.3	17
8	Synthesis of acrylamide end-functionalised poly(1-hexene) using an □diimine nickel catalyst. *Polymer International*, **2005**, 54, 249-255	3.3	11
7	Titanium ketimide complexes as □olefin homo- and copolymerisation catalysts. X-ray diffraction structures of [TiCp?(N?CtBu2)Cl2] (Cp?=Ind, Cp*). *Journal of Organometallic Chemistry*, **2004**, 689, 203-213	2.3	42
6	Polymerisation of ethylene catalysed by mono-imine-2,6-diacetylpyridine iron/methylaluminoxane (MAO) catalyst system: effect of the ligand on polymer microstructure. *Polymer International*, **2002**, 51, 1301-1303	3.3	19
5	Polymerization of olefins and polar monomers catalyzed by bis(imino)Ni(II)/dibutylmagnesium/alkylaluminium halide systems. *Polymer International*, **2002**, 51, 729-737	3.3	19
4	Synthesis of polar vinyl monomer□olefin copolymers by □diimine nickel catalyst. *Polymer International*, **2001**, 50, 579-587	3.3	16
3	Synthesis of acrylamide/olefin copolymers by a diimine nickel catalyst. *Macromolecular Chemistry and Physics*, **2000**, 201, 2464-2468	2.6	27
2	Diimine nickel catalysis of ethylene copolymerization with polar cyclic monomers. *Macromolecular Chemistry and Physics*, **2000**, 201, 2566-2572	2.6	26
1	Synthesis of acrylamide/olefin copolymers by a diimine nickel catalyst **2000**, 201, 2464		1