

# Daniele Nuvoli

## List of Publications by Year in descending order

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40  
papers

1,697  
citations

304743  
22  
h-index

289244  
40  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1914  
citing authors

#	ARTICLE	IF	CITATIONS
1	High concentration few-layer graphene sheets obtained by liquid phase exfoliation of graphite in ionic liquid. <i>Journal of Materials Chemistry</i> , 2011, 21, 3428-3431.	6.7	352
2	Graphene-containing thermoresponsive nanocomposite hydrogels of poly(N-isopropylacrylamide) prepared by frontal polymerization. <i>Journal of Materials Chemistry</i> , 2011, 21, 8727.	6.7	201
3	Stimuli Responsive Hydrogels Prepared by Frontal Polymerization. <i>Biomacromolecules</i> , 2009, 10, 2672-2677.	5.4	95
4	Poly(N-vinylcaprolactam) nanocomposites containing nanocrystalline cellulose: a green approach to thermoresponsive hydrogels. <i>Cellulose</i> , 2013, 20, 2393-2402.	4.9	64
5	Phosphonium-Based Ionic Liquids as a New Class of Radical Initiators and Their Use in Gas-Free Frontal Polymerization. <i>Macromolecules</i> , 2008, 41, 5191-5196.	4.8	63
6	Synthesis and Characterization of Functionally Gradient Materials Obtained by Frontal Polymerization. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 3600-3606.	8.0	62
7	Synthesis and characterization of graphene-containing thermoresponsive nanocomposite hydrogels of poly(N-vinylcaprolactam) prepared by frontal polymerization. <i>Journal of Polymer Science Part A</i> , 2012, 50, 4110-4118.	2.3	61
8	Advances in the frontal ring opening metathesis polymerization of dicyclopentadiene. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2776-2780.	2.3	57
9	Poly(N,N-dimethylacrylamide) hydrogels obtained by frontal polymerization. <i>Journal of Polymer Science Part A</i> , 2009, 47, 1422-1428.	2.3	56
10	Thermoresponsive super water absorbent hydrogels prepared by frontal polymerization. <i>Journal of Polymer Science Part A</i> , 2010, 48, 2486-2490.	2.3	54
11	In situ production of high filler content graphene-based polymer nanocomposites by reactive processing. <i>Journal of Materials Chemistry</i> , 2011, 21, 16544.	6.7	53
12	Stimuli-responsive polymer hydrogels containing partially exfoliated graphite. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5375-5381.	2.3	48
13	Thermoresponsive super water absorbent hydrogels prepared by frontal polymerization of N-isopropyl acrylamide and 3-sulfopropyl acrylate potassium salt. <i>Journal of Polymer Science Part A</i> , 2011, 49, 1228-1234.	2.3	44
14	Tailoring the physical properties of nanocomposite films by the insertion of graphene and other nanoparticles. <i>Composites Part B: Engineering</i> , 2014, 60, 29-35.	12.0	42
15	Effect of limonene on the frontal ring opening metathesis polymerization of dicyclopentadiene. <i>Journal of Polymer Science Part A</i> , 2016, 54, 63-68.	2.3	38
16	Synthesis and characterization of nanocomposites of thermoplastic polyurethane with both graphene and graphene nanoribbon fillers. <i>Polymer</i> , 2012, 53, 4019-4024.	3.8	37
17	ZnO nanoparticles with high degradation efficiency of organic dyes under sunlight irradiation. <i>Materials Letters</i> , 2016, 162, 257-260.	2.6	37
18	Polymer hydrogels of 2-hydroxyethyl acrylate and acrylic acid obtained by frontal polymerization. <i>Journal of Polymer Science Part A</i> , 2012, 50, 1515-1520.	2.3	33

#	ARTICLE	IF	CITATIONS
19	The production of concentrated dispersions of few-layer graphene by the direct exfoliation of graphite in organosilanes. <i>Nanoscale Research Letters</i> , 2012, 7, 674.	5.7	30
20	Hybrid organic/inorganic epoxy resins prepared by frontal polymerization. <i>Journal of Polymer Science Part A</i> , 2010, 48, 4721-4725.	2.3	26
21	Synthesis and characterization of graphene-based nanocomposites with potential use for biomedical applications. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	25
22	Synthesis and characterization of poly(2-hydroxyethylacrylate)/ $\beta$ -cyclodextrin hydrogels obtained by frontal polymerization. <i>Carbohydrate Polymers</i> , 2016, 150, 166-171.	10.2	24
23	Organic-inorganic interpenetrating polymer networks and hybrid polymer materials prepared by frontal polymerization. <i>Journal of Polymer Science Part A</i> , 2013, 51, 4618-4625.	2.3	21
24	Synthesis and characterization of poly(ethylene glycol) diacrylate copolymers containing azobenzene groups prepared by frontal polymerization. <i>Journal of Polymer Science Part A</i> , 2011, 49, 3291-3298.	2.3	19
25	Double responsive copolymer hydrogels prepared by frontal polymerization. <i>Journal of Polymer Science Part A</i> , 2016, 54, 2166-2170.	2.3	19
26	Semi-interpenetrating polymer networks of methyl cellulose and polyacrylamide prepared by frontal polymerization. <i>Journal of Polymer Science Part A</i> , 2017, 55, 1268-1274.	2.3	15
27	Synthesis and optical characterization of photoactive poly(2-phenoxylethyl acrylate) copolymers containing azobenzene units, prepared by frontal polymerization using novel ionic liquids as initiators. <i>Journal of Polymer Science Part A</i> , 2012, 50, 821-830.	2.3	14
28	Multistimuli-responsive hydrogels of poly(2-acrylamido-2-methyl-1-propanesulfonic acid) containing graphene. <i>Colloid and Polymer Science</i> , 2013, 291, 2681-2687.	2.1	13
29	Three component terpolymer and IPN hydrogels with response to stimuli. <i>Polymer</i> , 2014, 55, 5305-5313.	3.8	13
30	Sliding Crosslinked Thermoresponsive Materials: Polypseudorotaxanes Made of Poly(N-Isopropylacrylamide) and Acrylamide- $\beta$ -Cyclodextrin. <i>Frontiers in Chemistry</i> , 2018, 6, 585.	3.6	13
31	Preparation and optical characterization of two photoactive poly(bisphenol a ethoxylate diacrylate) copolymers containing designed amino-substituted azobenzene units, obtained via classical and frontal polymerization, using novel ionic liquids as initiators. <i>Journal of Polymer Science Part A</i> , 2012, 50, 1906-1916.	2.3	11
32	Study of polymeric nanocomposites prepared by inserting graphene and / or Ag, Au and ZnO nanoparticles in a TEGDA polymer matrix, by means of the use of dielectric spectroscopy. <i>AIP Advances</i> , 2016, 6, .	1.3	11
33	Semi-interpenetrating polymer networks based on crosslinked poly(N-isopropyl acrylamide) and methylcellulose prepared by frontal polymerization. <i>Journal of Polymer Science Part A</i> , 2018, 56, 437-443.	2.3	10
34	Preparation and interaction study between fullerene and graphene in a polymeric matrix. <i>Composites Science and Technology</i> , 2015, 110, 217-223.	7.8	8
35	Protein films from black soldier fly ( <i>Hermetia illucens</i> , Diptera: Stratiomyidae) prepupae: effect of protein solubility and mild crosslinking. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 4506-4513.	3.5	8
36	Poly(ionic liquid)s derived from 3-octyl-1-vinylimidazolium bromide and N-isopropylacrylamide with tunable properties. <i>Journal of Polymer Science Part A</i> , 2014, 52, n/a-n/a.	2.3	7

#	ARTICLE	IF	CITATIONS
37	Preparation and characterization of polymeric nanocomposites containing exfoliated tungstenite at high concentrations. Composites Science and Technology, 2014, 96, 97-102.	7.8	5
38	Organic-inorganic materials through first simultaneous frontal polymerization and frontal geopolymerization. Materials Letters, 2021, 295, 129808.	2.6	3
39	Marble wastes recycling: Design and synthesis of low-temperature calcium silicate hydrate under various CaO:SiO <sub>2</sub> ratio and alkalinity. Materialia, 2021, 20, 101224.	2.7	3
40	Synthesis and characterization of new polydiolcitrates with tunable properties. Journal of Polymer Science Part A, 2016, 54, 3713-3720.	2.3	2