Francesca Cicogna

List of Publications by Year
in descending order

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49 papers	856 citations	471371 17 h-index	526166 27 g-index
50 all docs	50 docs citations	50 times ranked	1045 citing authors

#	Article	IF	Citations
1	Walking on the Sea Traces: Developing a platform to bring Ocean Literacy and Citizen Science at Home. Mediterranean Marine Science, 2022, 23, 389-404.	0.6	0
2	Agriâ€Food Extracts Effectiveness in Improving Antibacterial and Antiviral Properties of Face Masks: A Proofâ€ofâ€Concept Study. ChemistrySelect, 2021, 6, 2288-2297.	0.7	10
3	Dispersion of Few-Layer Black Phosphorus in Binary Polymer Blend and Block Copolymer Matrices. Nanomaterials, 2021, 11, 1996.	1.9	4
4	Antibacterial LDPE-based nanocomposites with salicylic and rosmarinic acid-modified layered double hydroxides. Applied Clay Science, 2021, 214, 106276.	2.6	17
5	Rosmarinic Acid and Ulvan from Terrestrial and Marine Sources in Anti-Microbial Bionanosystems and Biomaterials. Applied Sciences (Switzerland), 2021, 11, 9249.	1.3	10
6	Incorporation of 2D black phosphorus (2D-bP) in P3HT/PMMA mixtures for novel materials with tuned spectroscopic, morphological and electric features. FlatChem, 2021, 30, 100314.	2.8	4
7	The shining brightness of daylight fluorescent pigments: Raman and SERS study of a modern class of painting materials. Microchemical Journal, 2020, 152, 104292.	2.3	19
8	Effects of organo-LDH dispersion on thermal stability, crystallinity and mechanical features of PLA. Polymer, 2020, 208, 122952.	1.8	15
9	Macromolecular Dyes by Chromophore-Initiated Ring Opening Polymerization of L-Lactide. Polymers, 2020, 12, 1979.	2.0	3
10	Postâ€polymerization modification by nitroxide radical coupling. Polymer International, 2019, 68, 27-63.	1.6	26
11	A Perspective on Recent Advances in Phosphorene Functionalization and Its Applications in Devices. European Journal of Inorganic Chemistry, 2019, 2019, 1476-1494.	1.0	49
12	Polymer-Based Black Phosphorus (bP) Hybrid Materials by in Situ Radical Polymerization: An Effective Tool To Exfoliate bP and Stabilize bP Nanoflakes. Chemistry of Materials, 2018, 30, 2036-2048.	3.2	57
13	Hybrid nanocomposites of 2D black phosphorus nanosheets encapsulated in PMMA polymer material: new platforms for advanced device fabrication. Nanotechnology, 2018, 29, 295601.	1.3	24
14	Fluorescent LDPE and PLA nanocomposites containing fluorescein-modified layered double hydroxides and their ON/OFF responsive behavior towards humidity. European Polymer Journal, 2018, 99, 189-201.	2.6	13
15	An insight into the interaction between functionalized thermoplastic elastomer and layered double hydroxides through rheological investigations. Composites Part B: Engineering, 2018, 139, 47-54.	5.9	17
16	Polymer surface modification by photografting of functional nitroxides. European Polymer Journal, 2017, 87, 24-38.	2.6	7
17	Poly(lactic acid) plasticized with lowâ€molecularâ€weight polyesters: structural, thermal and biodegradability features. Polymer International, 2017, 66, 761-769.	1.6	23
18	Grafting of Hindered Phenol Groups onto Ethylene/Î±-Olefin Copolymer by Nitroxide Radical Coupling. Polymers, 2017, 9, 670.	2.0	13

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19	MMT and LDH organo-modification with surfactants tailored for PLA nanocomposites. EXPRESS Polymer Letters, 2017, 11, 163-175.	1.1	16
20	Coâ€agent mediated functionalization of <scp>LDPE</scp>/<scp>iPP</scp> mixtures for compatibilization of <scp>WEEE</scp>â€recovered polyvinylchloride. Polymer International, 2016, 65, 621-630.	1.6	2
21	Probing the chain segment mobility at the interface of semi-crystalline polylactide/clay nanocomposites. European Polymer Journal, 2016, 78, 274-289.	2.6	41
22	Thermo-oxidative stabilization of poly(lactic acid) with antioxidant intercalated layered double hydroxides. Polymer Degradation and Stability, 2016, 133, 92-100.	2.7	39
23	Novel polystyrene-based nanocomposites by phosphorene dispersion. RSC Advances, 2016, 6, 53777-53783.	1.7	22
24	Structural, thermal and photo-physical data of azo-aromatic TEMPO derivatives before and after their grafting to polyolefins. Data in Brief, 2016, 6, 562-570.	0.5	6
25	Azo-aromatic functionalized polyethylene by nitroxide radical coupling (NRC) reaction: Preparation and photo-physical properties. Polymer, 2016, 82, 366-377.	1.8	11
26	Grafting of polymer chains on the surface of carbon nanotubes via nitroxide radical coupling reaction. Polymer International, 2016, 65, 48-56.	1.6	13
27	Towards a better control of the radical functionalization of poly(lactic acid). Polymer International, 2015, 64, 631-640.	1.6	17
28	Multi-functional hindered amine light stabilizers-functionalized carbon nanotubes for advanced ultra-high molecular weight Polyethylene-based nanocomposites. Composites Part B: Engineering, 2015, 82, 196-204.	5.9	37
29	Immobilization of natural anti-oxidants on carbon nanotubes and aging behavior of ultra-high molecular weight polyethylene-based nanocomposites. , 2014, , .		4
30	Some recent advances in polyolefin functionalization. Polymer International, 2014, 63, 12-21.	1.6	47
31	Progress in Understanding of the Interactions between Functionalized Polyolefins and Organoâ€<scp>L</scp>ayered Double Hydroxides. Macromolecular Reaction Engineering, 2014, 8, 122-133.	0.9	6
32	Functionalization of aliphatic polyesters by nitroxide radical coupling. Polymer Chemistry, 2014, 5, 5656.	1.9	20
33	Î±-Tocopherol-induced radical scavenging activity in carbon nanotubes for thermo-oxidation resistant ultra-high molecular weight polyethylene-based nanocomposites. Carbon, 2014, 74, 14-21.	5.4	48
34	Interaction of Azole Compounds with DOPC and DOPC/Ergosterol Bilayers by Spin Probe EPR Spectroscopy: Implications for Antifungal Activity. Journal of Physical Chemistry B, 2013, 117, 11978-11987.	1.2	2
35	Effects of post-reactor functionalization on the phase behaviour of an ethylene-1-octene copolymer studied using solid-state high resolution 13C NMR spectroscopy. Physical Chemistry Chemical Physics, 2013, 15, 15584.	1.3	7
36	Fluorescent polyolefins by free radical post-reactor modification with functional nitroxides. Reactive and Functional Polymers, 2012, 72, 695-702.	2.0	26

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37	Theoretical study of the conformational and optical properties of a fluorescent dye. A step toward modeling sensors grafted on polymer structures. Physical Chemistry Chemical Physics, 2011, 13, 21471.	1.3	7
38	Optimization of organoâ€layered double hydroxide dispersion in LDPEâ€based nanocomposites. Polymers for Advanced Technologies, 2011, 22, 2285-2294.	1.6	28
39	Grafting of functional nitroxyl free radicals to polyolefins as a tool to postreactor modification of polyethyleneâ€based materials with control of macromolecular architecture. Journal of Polymer Science Part A, 2011, 49, 781-795.	2.5	35
40	Electronic properties of new homobimetallic anthracene-bridged Î·5-cyclopentadienyl derivatives of iridium(I) and of the corresponding cation radicals [L2Ir{C5H4CH2(9,10-anthrylene)CH2C5H4}IrL2]+. Journal of Organometallic Chemistry, 2006, 691, 2987-3002.	0.8	7
41	Synthesis of 2-picolyl functionalized Î·5-cyclopentadienyl derivatives of rhodium(I) and iridium(I) and preliminary study of their reaction with ruthenium(II) for assembling hetero-bimetallic complexes. Journal of Organometallic Chemistry, 2006, 691, 1425-1434.	0.8	1
42	Homobimetallic anthracene-bridged Î·5-cyclopentadienyl derivatives of rhodium(I) and iridium(I): large molecules or supramolecular species?. Inorganica Chimica Acta, 2004, 357, 2915-2932.	1.2	9
43	9-Anthroylacetone and its photodimer. Tetrahedron, 2004, 60, 11959-11968.	1.0	11
44	Synthesis of Heteroleptic Anthryl-Substituted Î²-Ketoenolates of Rhodium(III) and Iridium(III):Â Photophysical, Electrochemical, and EPR Study of the Fluorophoreâ‹¯Metal Interaction. Inorganic Chemistry, 2002, 41, 3396-3409.	1.9	27
45	Chemical and Electrochemical Redox Behavior of 9-Anthrylmethyl-Functionalized Î·5-Cyclopentadienyl Derivatives of Rhodium(I) and Iridium(I):â€‰ Generation and EPR Characterization of the Corresponding Cation Radicals. Organometallics, 2002, 21, 5583-5593.	1.1	14
46	A [4Ï€+4Ï€] intramolecular photocyclomer of 9-anthroic anhydride: 5,6,11,12-tetrahydro-5,12;6,11-di-o-benzenodibenzo[a,e]cyclooctene-5,6-dicarboxylic anhydride. Acta Crystallographica Section C: Crystal Structure Communications, 2002, 58, o359-o361.	0.4	0
47	Electronic Communication in Homobimetallic Anthracene-Bridged Î·5-Cyclopentadienyl Derivatives of Rhodium(I):Â Generation and Characterization of the Average-Valence Species [L2Rh{C5H4CH2(9,10-anthrylene)CH2C5H4}RhL2]+. Organometallics, 2001, 20, 3478-3490.	1.1	17
48	Diastereoselectivity in the synthesis of bicyclic titanacyclopentenes from chiral 6-hepten-1-ynes. Tetrahedron Letters, 2000, 41, 7773-7777.	0.7	9
49	Synthesis of 9-anthrylmethyl-functionalised cyclopentadienyl derivatives of rhodium(I) and iridium(I) and study of their luminescence properties. Journal of Organometallic Chemistry, 2000, 593-594, 251-266.	0.8	16