

Francesca Parenti

List of Publications by Year in descending order

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46
papers

1,079
citations

361413

20
h-index

414414

32
g-index

47
all docs

47
docs citations

47
times ranked

1742
citing authors

#	ARTICLE	IF	CITATIONS
1	ARGET ATRP of styrene in EtOAc/EtOH using only Na ₂ CO ₃ to promote the copper catalyst regeneration. Journal of Macromolecular Science - Pure and Applied Chemistry, 2021, 58, 376-386.	2.2	5
2	Unusual Cross-Linked Polystyrene by Copper-Catalyzed ARGET ATRP Using a Bifunctional Initiator and No Cross-Linking Agent. Macromolecular Research, 2021, 29, 280-288.	2.4	6
3	Copper-catalyzed ARGET ATRP of styrene from ethyl \pm -haloisobutyrate in EtOAc/EtOH, using ascorbic acid/Na ₂ CO ₃ as reducing system. European Polymer Journal, 2021, 157, 110675.	5.4	10
4	Quantum dynamics of a single molecule magnet on superconducting Pb(111). Nature Materials, 2020, 19, 546-551.	27.5	62
5	Copper-Catalysed α -Activators Regenerated by Electron Transfer α -Atom Transfer Radical Polymerisation of Styrene from a Bifunctional Initiator in Ethyl Acetate/Ethanol, Using Ascorbic Acid/Sodium Carbonate as Reducing System. Macromolecular Research, 2020, 28, 751-761.	2.4	6
6	Nucleoside 2 ϵ ,3 ϵ -Cyclic Monophosphates in <i>Aphanizomenon flos-aquae</i> Detected through Nuclear Magnetic Resonance and Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2019, 67, 12780-12785.	5.2	3
7	Optoelectronic Properties of α -Thiophene-Based Materials with a Dithienosilole Core: An Experimental and Theoretical Study. ChemPlusChem, 2019, 84, 1314-1323.	2.8	7
8	Potent Anti-Cancer Properties of Phthalimide-Based Curcumin Derivatives on Prostate Tumor Cells. International Journal of Molecular Sciences, 2019, 20, 28.	4.1	31
9	π -Stacking Signature in NMR Solution Spectra of Thiophene-Based Conjugated Polymers. ACS Omega, 2017, 2, 5775-5784.	3.5	35
10	Enhanced Hydrogen Production with Chiral Conductive Polymer-Based Electrodes. Journal of Physical Chemistry C, 2017, 121, 15777-15783.	3.1	40
11	Chiral Polythiophenes. , 2017, , 277-297.		0
12	Polymers with Alkylsulfanyl Side Chains for Bulk Heterojunction Solar Cells: Toward a Greener Strategy. Macromolecular Chemistry and Physics, 2017, 218, 1700111.	2.2	2
13	Mycosporine-like Amino Acids and Other Phytochemicals Directly Detected by High-Resolution NMR on Klamath (<i>Aphanizomenon flos-aquae</i>) Blue-Green Algae. Journal of Agricultural and Food Chemistry, 2016, 64, 6708-6715.	5.2	11
14	Polymers for application in organic solar cells: Bithiophene can work better than thienothiophene when coupled to benzodithiophene. Journal of Polymer Science Part A, 2016, 54, 1603-1614.	2.3	5
15	New One-Step Thiol Functionalization Procedure for Ni by Self-Assembled Monolayers. Langmuir, 2015, 31, 3546-3552.	3.5	42
16	Crocus sativus Petals: Waste or Valuable Resource? The Answer of High-Resolution and High-Resolution Magic Angle Spinning Nuclear Magnetic Resonance. Journal of Agricultural and Food Chemistry, 2015, 63, 8439-8444.	5.2	21
17	Low band gap polymers for application in solar cells: synthesis and characterization of thienothiophene α -thiophene copolymers. Polymer Chemistry, 2014, 5, 2391.	3.9	25
18	Citron and lemon under the lens of HR-MAS NMR spectroscopy. Food Chemistry, 2013, 141, 3167-3176.	8.2	37

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19	Electrochemically assisted grafting of asymmetric alkynyl(aryl)iodonium salts on glassy carbon with focus on the alkynyl/aryl grafting ratio. <i>Journal of Electroanalytical Chemistry</i> , 2013, 710, 41-47.	3.8	10
20	Regiochemistry in the electrochemical assisted grafting of glassy carbon. With focus on sterical hindrance of lateral chains in the electroreduction process of multi-functionalized bithiophene. <i>Journal of Electroanalytical Chemistry</i> , 2013, 710, 70-75.	3.8	2
21	A nanogap "array platform for testing the optically modulated conduction of gold "octithiophene" gold junctions for molecular optoelectronics. <i>RSC Advances</i> , 2012, 2, 10985.	3.6	14
22	Functionalization of glassy carbon surface by means of aliphatic and aromatic amino acids. An experimental and theoretical integrated approach. <i>Electrochimica Acta</i> , 2012, 75, 49-55.	5.2	12
23	A novel copolymer from benzodithiophene and alkylsulfanyl-bithiophene: Synthesis, characterization and application in polymer solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2012, 104, 45-52.	6.2	30
24	Aggregation behaviour of a water-soluble ammonium-functionalized polythiophene: Luminescence enhancement induced by bile-acid anions. <i>Polymer</i> , 2012, 53, 403-410.	3.8	12
25	(Alkylsulfanyl)bithiophene "Fluorene: "Conjugated Polymers for Organic Solar Cells. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5659-5667.	2.4	15
26	Octithiophenes via One-Pot Oxidative Coupling of 4-("Functionalized Alkylsulfanyl)-2,2 "Bithiophenes. <i>Synthesis</i> , 2010, 2010, 1659-1665.	2.3	1
27	Experimental and Theoretical Study of the p- and n-Doped States of Alkylsulfanyl Octithiophenes. <i>Journal of Physical Chemistry B</i> , 2010, 114, 8585-8592.	2.6	31
28	Electrostatic layer-by-layer construction and characterization of photoelectrochemical solar cells based on water soluble polythiophenes and carbon nanotubes. <i>Journal of Materials Chemistry</i> , 2009, 19, 4319.	6.7	39
29	Strategies to reduce inter-chain aggregation and fluorescence quenching in alternated multilayers of a polythiophene. <i>Thin Solid Films</i> , 2008, 516, 8731-8735.	1.8	6
30	Organic- and Water-Soluble Aminoalkylsulfanyl Polythiophenes. <i>Macromolecules</i> , 2008, 41, 3785-3792.	4.8	22
31	An Ab-Initio Theoretical Study of the Electrochemical Grafting Process of Alkynyl(aryl)iodonium Salts on Glassy Carbon Surfaces. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	2
32	New Single-Molecule Magnets by Site-Specific Substitution: Incorporation of "Alligator Clips" into Fe ₄ Complexes. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4145-4152.	2.0	50
33	Tuning Anisotropy Barriers in a Family of Tetrairon(III) Single-Molecule Magnets with an S = 5 Ground State. <i>Journal of the American Chemical Society</i> , 2006, 128, 4742-4755.	13.7	205
34	One-Pot Synthesis of Symmetric Octithiophenes from Asymmetric "Alkylsulfanyl Bithiophenes. <i>Macromolecules</i> , 2006, 39, 8293-8302.	4.8	18
35	A poly(alkylsulfanyl)thiophene functionalized with carboxylic groups. <i>Polymer</i> , 2006, 47, 775-784.	3.8	15
36	HR-MAS NMR spectroscopy in the characterization of human tissues: Application to healthy gastric mucosa. <i>Concepts in Magnetic Resonance Part A: Bridging Education and Research</i> , 2006, 28A, 430-443.	0.5	29

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37	Ex vivo HR-MAS MRS of human meningiomas: a comparison with in vivo ¹ H MR spectra. <i>International Journal of Molecular Medicine</i> , 2006, 18, 859-69.	4.0	32
38	Palladium(II) derivatives of alkylsulfanyl substituted thiophenes as precursors of inorganic polymers: Spectroscopic, electrochemical investigations and X-ray crystal structure of trans-PdCl ₂ [3-(butylsulfanyl)thiophene] ₂ . <i>Inorganica Chimica Acta</i> , 2005, 358, 3033-3040.	2.4	6
39	Polymerization of cysteine functionalized thiophenes. <i>Polymer</i> , 2005, 46, 3588-3596.	3.8	23
40	Poly[3-hexyl-4-(6-bromohexyl)thiophene]: a key-intermediate for the synthesis of self-plastifying multifunctional polythiophenes. <i>Polymer</i> , 2004, 45, 8629-8637.	3.8	7
41	Radical Ions from 3,3'-bis(2,2'-bithiophen-5-yl)-2,2'-bithiophene. Theoretical Study of the p- and n-Doped Oligomer. <i>ChemPhysChem</i> , 2003, 4, 1216-1225.	2.1	28
42	Differential Pulse Techniques on Modified Conventional-Size and Microelectrodes. Electroactivity of Poly[4,4'-bis(butylsulfanyl)-2,2'-bithiophene] Coating Towards Dopamine and Ascorbic Acid Oxidation. <i>Electroanalysis</i> , 2003, 15, 715-725.	2.9	29
43	A Self-Assembling Polythiophene Functionalised with a Cysteine Moiety. <i>Macromolecular Rapid Communications</i> , 2003, 24, 547-550.	3.9	17
44	The effect of Pd(II) coordination on the properties of an alkylsulfanyl substituted polythiophene. Comparison with the corresponding monomer. <i>Journal of Materials Chemistry</i> , 2003, 13, 1287.	6.7	8
45	On the Recovery of ³ JH,H and the Reduction of Molecular Symmetry by Simple NMR Inverse Detection Experiments. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 938-940.	2.4	8
46	Synthesis and Spectroscopic and Electrochemical Characterisation of a Conducting Polythiophene Bearing a Chiral ² -Substituent: Polymerisation of (+)-4,4'-Bis[(S)-2-methylbutylsulfanyl]-2,2'-bithiophene. <i>Chemistry - A European Journal</i> , 2001, 7, 676-685.	3.3	60