

Andrea Baschieri

List of Publications by Year in descending order

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59
papers

1,736
citations

257450

24
h-index

289244

40
g-index

63
all docs

63
docs citations

63
times ranked

2350
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant activity of nanomaterials. Journal of Materials Chemistry B, 2018, 6, 2036-2051.	5.8	162
2	Catalytic Asymmetric Conjugate Addition of Nitroalkanes to 4-Nitro-5-styrylisoxazoles. Angewandte Chemie - International Edition, 2009, 48, 9342-9345.	13.8	137
3	Explaining the antioxidant activity of some common non-phenolic components of essential oils. Food Chemistry, 2017, 232, 656-663.	8.2	98
4	Antioxidant Activity of Magnolol and Honokiol: Kinetic and Mechanistic Investigations of Their Reaction with Peroxyl Radicals. Journal of Organic Chemistry, 2015, 80, 10651-10659.	3.2	89
5	Iridium(III) Complexes with Phenyl-tetrazoles as Cyclometalating Ligands. Inorganic Chemistry, 2014, 53, 7709-7721.	4.0	72
6	A synergic nanoantioxidant based on covalently modified halloysite@trolox nanotubes with intra-lumen loaded quercetin. Journal of Materials Chemistry B, 2016, 4, 2229-2241.	5.8	69
7	Acid Is Key to the Radical-Trapping Antioxidant Activity of Nitroxides. Journal of the American Chemical Society, 2016, 138, 5290-5298.	13.7	61
8	Peroxyl Radical Reactions in Water Solution: A Gym for Proton-Coupled Electron-Transfer Theories. Chemistry - A European Journal, 2016, 22, 7924-7934.	3.3	59
9	Excited-State Engineering in Heteroleptic Iridium(III) Complexes. Accounts of Chemical Research, 2021, 54, 1492-1505.	15.6	57
10	Hydrogen Atom Transfer from HOO [.] to <i>ortho</i> -Quinones Explains the Antioxidant Activity of Polydopamine. Angewandte Chemie - International Edition, 2021, 60, 15220-15224.	13.8	57
11	A Mesoionic Carbene as Neutral Ligand for Phosphorescent Cationic Ir(III) Complexes. Inorganic Chemistry, 2016, 55, 7912-7919.	4.0	51
12	Extreme Tuning of Redox and Optical Properties of Cationic Cyclometalated Iridium(III) Isocyanide Complexes. Organometallics, 2013, 32, 460-467.	2.3	49
13	The Antioxidant Activity of Quercetin in Water Solution. Biomimetics, 2017, 2, 9.	3.3	46
14	Photoredox radical conjugate addition of dithiane-2-carboxylate promoted by an iridium(III) phenyl-tetrazole complex: a formal radical methylation of Michael acceptors. Chemical Science, 2017, 8, 1613-1620.	7.4	45
15	Synergic antioxidant activity of β -terpinene with phenols and polyphenols enabled by hydroperoxyl radicals. Food Chemistry, 2021, 345, 128468.	8.2	45
16	Hydroperoxyl Radicals (HOO [.]): Vitamin E Regeneration and Bond Effects on the Hydrogen Atom Transfer. Chemistry - A European Journal, 2016, 22, 16441-16445.	3.3	38
17	Anionic Cyclometalated Iridium(III) Complexes with a Bis-Tetrazolate Ancillary Ligand for Light-Emitting Electrochemical Cells. Inorganic Chemistry, 2017, 56, 10584-10595.	4.0	36
18	Click-Derived Triazolylidenes as Chelating Ligands: Achievement of a Neutral and Luminescent Iridium(III)-Triazolide Complex. Inorganic Chemistry, 2018, 57, 11673-11686.	4.0	35

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19	Extremely Fast Hydrogen Atom Transfer between Nitroxides and HOO• Radicals and Implication for Catalytic Coantioxidant Systems. <i>Journal of the American Chemical Society</i> , 2018, 140, 10354-10362.	13.7	34
20	Chain-breaking antioxidant activity of hydroxylated and methoxylated magnolol derivatives: the role of H-bonds. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6177-6184.	2.8	32
21	Methods to Determine Chain-Breaking Antioxidant Activity of Nanomaterials beyond DPPH•. A Review. <i>Antioxidants</i> , 2021, 10, 1551.	5.1	30
22	Measuring Antioxidant Activity in Bioorganic Samples by the Differential Oxygen Uptake Apparatus: Recent Advances. <i>Journal of Chemistry</i> , 2017, 2017, 1-12.	1.9	29
23	Organocatalysis and Beyond: Activating Reactions with Two Catalytic Species. <i>Catalysts</i> , 2019, 9, 928.	3.5	26
24	A new tetraarylcyclopentadienone based low molecular weight gelator: synthesis, self-assembly properties and anion recognition. <i>New Journal of Chemistry</i> , 2012, 36, 1469.	2.8	24
25	Introducing a New Family of Biotinylated Ir(III)-Pyridyltriazole Lumophores: Synthesis, Photophysics, and Preliminary Study of Avidin-Binding Properties. <i>Organometallics</i> , 2014, 33, 6154-6164.	2.3	24
26	Enhanced Antioxidant Activity under Biomimetic Settings of Ascorbic Acid Included in Halloysite Nanotubes. <i>Antioxidants</i> , 2019, 8, 30.	5.1	23
27	Hydroxy-substituted trans -cinnamoyl derivatives as multifunctional tools in the context of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2017, 139, 378-389.	5.5	21
28	Advancements in the recycling of organocatalysts: From classical to alternative approaches. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2020, 25, 100387.	5.9	19
29	Carbazole-terpyridine donor-acceptor luminophores. <i>RSC Advances</i> , 2013, 3, 6507.	3.6	18
30	Triple Click to Tripodal Triazole-Based Ligands - Synthesis and Characterization of Blue-Emitting Ce ³⁺ -Complexes. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 2432-2439.	2.0	17
31	1-Methyl-1,4-cyclohexadiene as a Traceless Reducing Agent for the Synthesis of Catechols and Hydroquinones. <i>Journal of Organic Chemistry</i> , 2019, 84, 13655-13664.	3.2	17
32	A chelating diisocyanide ligand for cyclometalated Ir(III) complexes with strong and tunable luminescence. <i>Faraday Discussions</i> , 2015, 185, 233-248.	3.2	16
33	Calibration of Squalene, <i>p</i> -Cymene, and Sunflower Oil as Standard Oxidizable Substrates for Quantitative Antioxidant Testing. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 6902-6910.	5.2	15
34	Hydrogen Transfer Activation via Stabilization of Coordinatively Vacant Sites: Tuning Long-Range π -System Electronic Interaction between Ru(0) and NHC Pendants. <i>Organometallics</i> , 2019, 38, 1041-1051.	2.3	14
35	Iridium(III) Complexes with Fluorinated Phenyl-tetrazoles as Cyclometalating Ligands: Enhanced Excited-State Energy and Blue Emission. <i>Inorganic Chemistry</i> , 2020, 59, 16238-16250.	4.0	12
36	Carbazole-Terpyridine Donor-Acceptor Dyads with Rigid π -Conjugated Bridges. <i>ChemPlusChem</i> , 2019, 84, 1353-1365.	2.8	11

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37	Nanosponges for the protection and release of the natural phenolic antioxidants quercetin, curcumin and phenethyl caffeate. <i>Materials Advances</i> , 2020, 1, 2501-2508.	5.4	11
38	Nitroxides as Building Blocks for Nanoantioxidants. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 31996-32004.	8.0	11
39	Absolute Antioxidant Activity of Five Phenol-Rich Essential Oils. <i>Molecules</i> , 2021, 26, 5237.	3.8	11
40	New heterometallic Ir(III)2-Eu(III) complexes: white light emission from a single molecule. <i>Dalton Transactions</i> , 2015, 44, 37-40.	3.3	10
41	Ditocopheryl Sulfides and Disulfides: Synthesis and Antioxidant Profile. <i>Chemistry - A European Journal</i> , 2019, 25, 9108-9116.	3.3	9
42	Magnetic nanoantioxidants with improved radical-trapping stoichiometry as stabilizers for inhibition of peroxide formation in ethereal solvents. <i>Scientific Reports</i> , 2019, 9, 17219.	3.3	8
43	Luminescent methacrylic copolymers with side-chain cyclometalated iridium(III) complexes. <i>Dyes and Pigments</i> , 2019, 160, 188-197.	3.7	7
44	Cardanol-like co-surfactants solubilized in pegylated micelles keep their antioxidant activity and preserve polyethylene glycol chains from oxidation. <i>Journal of Molecular Liquids</i> , 2019, 293, 111465.	4.9	7
45	Group 14 Metalloles. Properties, Synthesis and Potential Applications: From Organic Electronics to Soft Materials. <i>Mini-Reviews in Organic Chemistry</i> , 2013, 10, 254-267.	1.3	7
46	Hybrid cholesterol-based nanocarriers containing phosphorescent Ir complexes: in vitro imaging on glioblastoma cell line. <i>RSC Advances</i> , 2015, 5, 1091-1096.	3.6	6
47	The Role of Onium Salts in the Pro-Oxidant Effect of Gold Nanoparticles in Lipophilic Environments. <i>Chemistry - A European Journal</i> , 2018, 24, 9113-9119.	3.3	6
48	From catechol-tocopherol to catechol-hydroquinone polyphenolic antioxidant hybrids. <i>Heteroatom Chemistry</i> , 2018, , e21466.	0.7	6
49	Antioxidant effect of cardanol in mixed nanoformulations with pluronic. <i>Journal of Molecular Liquids</i> , 2020, 316, 113822.	4.9	6
50	Organocatalyzed Michael Addition to Nitroalkenes via Masked Acetaldehyde. <i>Catalysts</i> , 2020, 10, 1296.	3.5	6
51	Asymmetric Organocatalysis Accelerated via Self-Assembled Minimal Structures. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 5403-5406.	2.4	6
52	4-Phenyl-1,2,3-triazoles as Versatile Ligands for Cationic Cyclometalated Iridium(III) Complexes. <i>Inorganic Chemistry</i> , 2022, 61, 8509-8520.	4.0	6
53	The role of sulfur and heavier chalcogens in the chemistry of antioxidants. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 638-642.	1.6	5
54	Proton-Sensitive Free-Radical Dimer Evolution Is a Critical Control Point for the Synthesis of 2,2'-Bibenzothiazines. <i>Journal of Organic Chemistry</i> , 2020, 85, 11440-11448.	3.2	5

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55	SET and HAT/PCET acid-mediated oxidation processes in helical shaped fused bisphenothiazines. ChemPhysChem, 2021, 22, 1446-1454.	2.1	5
56	Hydrogen Atom Transfer from HOO . to ortho -Quinones Explains the Antioxidant Activity of Polydopamine. Angewandte Chemie, 2021, 133, 15348-15352.	2.0	5
57	Singlet oxygen quenching- and chain-breaking antioxidant-properties of a quercetin dimer able to prevent age-related macular degeneration. Biophysical Chemistry, 2018, 243, 17-23.	2.8	3
58	Phosphorescent iridium-containing nanomicelles: synthesis, characterization and preliminary applications in nanomedical imaging. RSC Advances, 2018, 8, 34162-34167.	3.6	2
59	Interwoven landscape. Procedia Engineering, 2011, 21, 729-736.	1.2	0