Renzo Ruzziconi

List of Publications by Year in descending order

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93 papers	2,285 citations	218677 26 h-index	265206 42 g-index
101 all docs	101 docs citations	101 times ranked	2130 citing authors

#	Article	IF	Citations
1	Fluorineâ€Containing Drugs Approved by the FDA in 2018. Chemistry - A European Journal, 2019, 25, 11797-11819.	3.3	341
2	Synthesis of unsymmetrical 1,4-diketones by the ceric ammonium nitrate promoted cross-coupling of trimethylsilyl enol ethers. Tetrahedron Letters, 1989, 30, 3707-3710.	1.4	103
3	Synthesis of Chiral (R)-4-Hydroxy- and (R)-4-Halogeno[2.2]paracyclophanes and Group Polarizability. Optical Rotation Relationship. Journal of Organic Chemistry, 1997, 62, 3744-3747.	3.2	66
4	Electronic and steric effects in the addition of electrophilic 1,3-dicarbonylalkyl radicals to styrenes. Journal of Organic Chemistry, 1991, 56, 4772-4778.	3.2	65
5	Indole Based Weapons to Fight Antibiotic Resistance: A Structureâ€“Activity Relationship Study. Journal of Medicinal Chemistry, 2016, 59, 867-891.	6.4	64
6	Synthesis of 3-Acyl and 3-Carboalkoxyfurans by the Ceric Ammonium Nitrate Promoted Addition of 1,3-Dicarbonyl Compounds to Vinylic Acetates. Synthetic Communications, 1988, 18, 1841-1846.	2.1	61
7	Optimization of Small-Molecule Inhibitors of Influenza Virus Polymerase: From Thiophene-3-Carboxamide to Polyamido Scaffolds. Journal of Medicinal Chemistry, 2014, 57, 4337-4350.	6.4	59
8	1,2- And 1,4-addition in the reactions of carbonyl compounds with 1,3-butadiene induced by cerium(IV) ammonium nitrate. Journal of Organic Chemistry, 1986, 51, 1645-1649.	3.2	56
9	Synthesis of 1,4-dicarbonyl compounds by the ceric ammonium nitrate promoted reaction of ketones with vinyl and isopropenyl acetate. Tetrahedron Letters, 1987, 28, 5357-5360.	1.4	54
10	Rotational barriers of biphenyls having heavy heteroatoms as ortho-substituents: experimental and theoretical determination of steric effects. Organic and Biomolecular Chemistry, 2012, 10, 1847.	2.8	53
11	Î³-selectivity in the ceric ammonium nitrate promoted oxidative addition of silyl dienol ethers to silyl enol ethers. Tetrahedron Letters, 1993, 34, 721-724.	1.4	50
12	B Values as a Sensitive Measure of Steric Effects. Chemistry - A European Journal, 2009, 15, 2645-2652.	3.3	50
13	Relative rates for the addition reactions of the malonyl radical to substituted styrenes induced by cerium(IV) ammonium nitrate and tributyltin hydride. A comparison. Journal of Organic Chemistry, 1990, 55, 5688-5691.	3.2	41
14	Anodic oxidation of .alpha.-substituted p-xylenes. Electronic and stereoelectronic effects of .alpha.-substituents in the deprotonation of alkylaromatic radical cations. Journal of Organic Chemistry, 1991, 56, 7154-7160.	3.2	38
15	Regio- and Stereoselective Synthesis of Unsaturated Carbonyl Compounds Based on Ceric Ammonium Nitrate-Promoted Oxidative Addition of Trimethylsilyl Enol Ethers to Conjugated Dienes. Journal of Organic Chemistry, 1995, 60, 4954-4958.	3.2	38
16	The biphenyl-monitored effective size of unsaturated functional or fluorinated ortho substituents. Organic and Biomolecular Chemistry, 2010, 8, 4463.	2.8	38
17	Dimethyl arylmalonates from cerium(IV) ammonium nitrate promoted reactions of dimethyl malonate with aromatic compounds in methanol. Tetrahedron Letters, 1986, 27, 2763-2766.	1.4	37
18	Enzymatic kinetic resolution of (Â±)-4-acetoxy[2.2]paracyclophane by Candida cylindracea lipase. An efficient route for the preparation of (+)-R-4-hydroxy- and (+)-S-4-acetoxy[2.2]paracyclophane. Tetrahedron, 1997, 53, 11853-11858.	1.9	36

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19	Nucleophilic Substitutions of Nitroarenes and Pyridines: New Insight and New Applications. Synthesis, 2010, 2010, 2111-2123.	2.3	33
20	Circular dichroism spectra (350â€“185 nm) of a new series of 4-substituted [2.2]paracyclophanes: A quantitative analysis within the DeVoe polarizability model. Tetrahedron: Asymmetry, 1998, 9, 55-62.	1.8	32
21	Asymmetric Dielsâ^'Alder, Michael, and Aldol Reactions Using a Planar Chiral 1,3-Oxazol-2(3H)-one Derived from (R)-(+)-4-Hydroxy-[2.2]paracyclophane. Journal of Organic Chemistry, 2002, 67, 2665-2670.	3.2	32
22	Catalysis of the Î²-Elimination of HF from Isomeric 2-Fluoroethylpyridines and 1-Methyl-2-fluoroethylpyridinium Salts. Proton-Activating Factors and Methyl-Activating Factors as a Mechanistic Test To Distinguish between Concerted E2 and E1cb Irreversible Mechanisms. Journal of Organic Chemistry, 2003, 68, 718-725.	3.2	31
23	The Torsional Barriers of 2â€Hydroxyâ€•and 2â€Fluorobiphenyl: Small but Measurable. Chemistry - A European Journal, 2010, 16, 9186-9192.	3.3	31
24	Importance of C*â€“H Based Modes and Large Amplitude Motion Effects in Vibrational Circular Dichroism Spectra: The Case of the Chiral Adduct of Dimethyl Fumarate and Anthracene. Journal of Physical Chemistry A, 2014, 118, 4339-4350.	2.5	30
25	Synthesis of 4-Oxoaldehydes by the Ceric Ammonium Nitrate Promoted Oxidative Addition of Trimethylsilyl Enol Ethers to Ethyl Vinyl Ether. Synlett, 1990, 1990, 679-680.	1.8	29
26	Cerium (IV) ammonium nitrate promoted oxidative cyclization of dimethyl 4-pentenylmalonate. Tetrahedron, 1992, 48, 4617-4622.	1.9	27
27	Harmonic and Anharmonic Features of IR and NIR Absorption and VCD Spectra of Chiral 4-X-[2.2]Paracyclophanes. Journal of Physical Chemistry A, 2007, 111, 7031-7040.	2.5	26
28	Atropisomeric (R,R)-2,2â€˜-Bi([2]paracyclo[2](5,8)quinolinophane) and (R,R)-1,1â€˜-Bi([2]paracyclo[2](5,8)isoquinolinophane):Â Synthesis, Structural Analysis, and Chiroptical Properties. Journal of Organic Chemistry, 2005, 70, 1011-1018.	3.2	25
29	Chemistry of detrifluoroacetylativelyin situgenerated fluoro-enolates. Organic and Biomolecular Chemistry, 2019, 17, 762-775.	2.8	25
30	1-Oxa-2,3-cyclohexadiene (â€œ2H-isopyranâ€): A strained heterocyclic allene undergoing cycloaddition reactions with characteristic typo-, regio- and stereoselectivities. Tetrahedron, 1991, 47, 4603-4610.	1.9	24
31	Synthesis of Sulfoxides by Phase Transfer Catalyzed Oxidation of Sulfides by Cerium(IV) Ammonium Nitrate. Synthetic Communications, 1988, 18, 2167-2171.	2.1	23
32	Palladium-catalyzed alkylation of allylic nitrates derived from ceric ammonium nitrate promoted oxidative addition of trimethylsilyloxy-cyclopropanes to 1,3-butadiene. Tetrahedron Letters, 1993, 34, 6333-6336.	1.4	23
33	1, 1, 1-Trifluoroacetone as an Efficient Catalyst for the Hydrogen Peroxide Promoted Selective Oxidation of Sulfides to Sulfoxides. Synthetic Communications, 1997, 27, 441-446.	2.1	23
34	Recent progress in the application of fluorinated chiral sulfinimine reagents. Journal of Fluorine Chemistry, 2018, 216, 57-70.	1.7	22
35	Reactions of Hexamethyldisilathiane with Silyl Acetals: a General Access to Thioformylsilanes. Synlett, 1997, 1997, 361-362.	1.8	21
36	Synthesis of 2,3-Substituted Cycloalkanones by Ceric Ammonium Nitrate-Promoted Oxidative Tandem Additions of 1-Ethoxy-1-[(Trimethylsilyl)oxy]cyclopropane to Î±,Î²-Unsaturated Cycloalkenones. Journal of Organic Chemistry, 1996, 61, 6434-6437.	3.2	20

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37	First General Approach to Cyclohex-3-ene-1,1-bis(phosphonates) by Dielsâ˜Alder Cycloaddition of Tetraethyl Vinylidenebis(phosphonate) to 1,3-Dienes. Journal of Organic Chemistry, 2003, 68, 736-742.	3.2	20
38	CYP 17 and CYP 19 Inhibitors. Evaluation of Fluorine Effects on the Inhibiting Activity of Regioselectively Fluorinated 1-(Naphthalen-2-ylmethyl)imidazoles. Journal of Enzyme Inhibition and Medicinal Chemistry, 2004, 19, 145-155.	5.2	20
39	Recent advances in the synthesis of regioselectively fluorinated homo- and heterocyclic compounds by complementary cyclization methods. Journal of Fluorine Chemistry, 2013, 152, 12-28.	1.7	20
40	Product study of some one-electron oxidations of bibenzyl and 4-ethylbibenzyl. Evidence against carbon-carbon bond cleavage of the bibenzyl radical cation in solution. Journal of Organic Chemistry, 1986, 51, 3587-3593.	3.2	18
41	One electron oxidations of benzyl and 2-phenylethyl phenyl ethers. The fate of the intermediate radical cations. Tetrahedron, 1989, 45, 7049-7062.	1.9	18
42	New strategies in the synthesis of regioselectively trifluoromethyl- and trifluoromethoxy-substituted arenes as building blocks for biologically active molecules. Journal of Fluorine Chemistry, 2002, 117, 167-172.	1.7	18
43	Anti and syn eliminations from 2,3-dihalo-2,3-dihydrobenzofurans. The role of the substrate structure and the base-solvent system on the reaction mechanism. Journal of the American Chemical Society, 1983, 105, 6114-6120.	13.7	17
44	(S)-(-)- and (R)-(+)-4-Methyl-2-hydroxymethyl[2]paracyclo-[2](5,8)quinolinophane: Novel N,O-Planar Chiral Catalysts for the Enantioselective Addition of Diethylzinc to Aldehydes. Synlett, 2002, 2002, 0747-0750.	1.8	17
45	?Isoretinol? and Retinal: An Unorthodox, but Simple Entry to the Vitamin A Series. Angewandte Chemie International Edition in English, 1982, 21, 855-856.	4.4	16
46	([2]Paracyclo[2](5,8)quinolinophan-2-yl)carbinols as catalysts for diethylzinc addition to aldehydes: cooperative effects of planar and central chirality on the asymmetric induction. Tetrahedron: Asymmetry, 2005, 16, 1817-1827.	1.8	16
47	Cationic half-sandwich Ru(II) complexes bearing (S)-2-pyridyl-imino-[2.2]paracyclophane ligands: Synthesis, intramolecular and interionic structure. Journal of Organometallic Chemistry, 2006, 691, 165-173.	1.8	16
48	Are carboxylic esters really refractory to DAST? On the fluorination of Î±-hydroxyesters with DAST. Journal of Fluorine Chemistry, 2015, 171, 82-91.	1.7	16
49	A Facile Access to Polycyclic Homo- and Heteroaromatic Hydrocarbons Based on the Ceric Ammonium Nitrate-Promoted Oxidative Addition of 3-Aryl-1-[(trimethylsilyl)oxy]cyclohexenes to Ethyl Vinyl Ether. Journal of Organic Chemistry, 1999, 64, 3364-3368.	3.2	15
50	Nucleus- and side-chain fluorinated 3-substituted indoles by a suitable combination of organometallic and radical chemistry. Journal of Fluorine Chemistry, 2008, 129, 97-107.	1.7	15
51	Chiroptical Signatures of Planar and Central Chirality in [2]Paracyclo[2](5,8)quinolinophane Derivatives. European Journal of Organic Chemistry, 2014, 2014, 7353-7363.	2.4	15
52	The reactions of cerium (IV) ammonium nitrate and cobalt (III) acetate with 1,2-diphenylethanes in acetic acid. Evidence against the involvement of radical cations in the side-chain oxidation of alkylbenzenes by Co(OAc)3. Journal of the Chemical Society Chemical Communications, 1984, , 445.	2.0	14
53	Oxidative Coupling ofO-Silyl andO-Alkyl Enethers:Â Application of the Novel Annulation Sequence to the Synthesis of Fluorinated Naphthaldehydes and Naphthyl Ketones. Journal of Organic Chemistry, 2001, 66, 617-619.	3.2	13
54	On the enzymatic hydrolysis of methyl 2-fluoro-2-arylpropionates by lipases. Tetrahedron, 2005, 61, 8005-8012.	1.9	13

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55	Electronic and Vibrational Circular Dichroism Spectra of Chiral 4-X-[2.2]paracyclophanes with X Containing Fluorine Atoms. Journal of Physical Chemistry A, 2009, 113, 14851-14859.	2.5	13
56	Regioselectively Nucleus and/or Side-Chain Fluorinated 2-(Phenanthryl)propionic Acids by an Effective Combination of Radical and Organometallic Chemistry. Journal of Organic Chemistry, 2005, 70, 611-623.	3.2	12
57	Base-Promoted 1,4-Elimination Reactions: On the Origin of an Eventualsyn-Stereoselectivity. Angewandte Chemie International Edition in English, 1981, 20, 1041-1042.	4.4	11
58	Quinolinophane-derived alkyldiphenylphosphines: two homologous P,N-planar chiral ligands for palladium-catalysed allylic alkylation. Tetrahedron: Asymmetry, 2007, 18, 1742-1749.	1.8	11
59	Mannich-type addition of 1,3-dicarbonyl compounds to chiral tert-butanesulfinyltrifluoroacetaldimines. Mechanistic aspects and chiroptical studies. Organic and Biomolecular Chemistry, 2018, 16, 8742-8750.	2.8	11
60	Vibrational Circular Dichroism: A Valuable Tool for Conformational Analysis and Absolute Configuration Assignment of Chiral 1â€Arylâ€2,2,2â€Trifluoroethanols. ChemPhysChem, 2011, 12, 3519-3523.	2.1	10
61	Solvent-free, uncatalyzed asymmetric â€œeneâ€•reactions of N-tert-butylsulfinyl-3,3,3-trifluoroacetaldimines: a general approach to enantiomerically pure Î±-(trifluoromethyl)tryptamines. Organic and Biomolecular Chemistry, 2017, 15, 3930-3937.	2.8	10
62	Stereochemistry and mechanisms in eliminations from some 1,2-dihalo-1,2-diphenylethanes promoted by potassium tert-butoxide in tert-butyl alcohol. Journal of Organic Chemistry, 1984, 49, 3395-3398.	3.2	9
63	Stereoelectronic effects in the side-chain bromination of alkylaromatic compounds. Tetrahedron Letters, 1992, 33, 1237-1240.	1.4	9
64	Effects of Association Colloids on Elimination from 1,2-Dihalo-1,2-diphenylethanes. The Role of Surfactant Structure. Langmuir, 1998, 14, 2656-2661.	3.5	9
65	A New Synthetic Approach to Substituted 1(2H)-Phenanthrenones Based on the Ceric Ammonium Nitrate-Promoted Oxidative Addition of 3-Aryl-1-[(trimethylsilyl)oxy]- cyclohexenes to Ethyl Vinyl Ether. Journal of Organic Chemistry, 1998, 63, 4506-4509.	3.2	9
66	Study of the Photobehavior of a Newly Synthesized Chiroptical Molecule: (E)-(R_p,R_p)-1,2-Bis{4-methyl-[2]paracyclo[2](5,8)quinolinophan-2-yl}ethene. Journal of Physical Chemistry A, 2009, 113, 14650-14656.	2.8	9
67	Circularly Polarized Luminescence of Some [2]Paracyclo[2](5,8)quinoliphane Derivatives with Planar and Central Chirality. ChemPhotoChem, 2022, 6, .	3.0	9
68	Kinetic study of the base-induced anti and syn eliminations from 2,3-dihalogeno-2,3-dihydrobenzofurans in different base-solvent systems. Journal of Organic Chemistry, 1979, 44, 28-31.	3.2	8
69	Products, kinetics, and mechanism in the acetolysis of 2,3-dichloro-2,3-dihydrobenzofuran. An E1 elimination with a rate-determining proton transfer. Journal of Organic Chemistry, 1979, 44, 32-34.	3.2	8
70	Reactivity and Mechanism of 1-X-2-(O-Nitrophenyl)Ethanes in Base Induced Î²-Elimination Reactions With Formation of O-Nitrostyrene. Research on Chemical Intermediates, 1999, 25, 483-495.	2.7	8
71	A Facile Approach to Alkyl- and Aryl-Substituted 3-Furylphosphonates Based on Ceric Ammonium Nitrate-Promoted Radical Reactions. Synlett, 2001, 2001, 0703-0705.	1.8	8
72	Electrical and mechanical anharmonicities from NIRâ€VCD spectra of compounds exhibiting axial and planar chirality: The cases of (S)â€2,3â€pentadiene and methylâ€d₃ (R)â€and (S)â€[2.2]paracyclophaneâ€4â€carboxylate. Chirality, 2011, 23, 841-849.	2.6	8

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73	How Spaceâ€Filling Is a Pyridine Lone Pair?. European Journal of Organic Chemistry, 2011, 2011, 6725-6731.	2.4	7
74	CF₃: an overlooked chromophore in VCD spectra. A review of recent applications in structural determination. RSC Advances, 2019, 9, 11781-11796.	3.6	7
75	Reactivity of free and associated phenoxides in syn and antielimination reactions in dimethyl sulfoxide. Journal of Organic Chemistry, 1979, 44, 3718-3720.	3.2	6
76	Concerted and stepwise mechanisms in the eliminations from 1,2-dihaloacenaphthenes promoted by potassium tert-butoxide and potassium ethoxide in the the corresponding alcohols. Journal of Organic Chemistry, 1982, 47, 3237-3241.	3.2	6
77	Cationic half-sandwich quinolinophaneoxazoline-based (Î·⁶-p-cymene)ruthenium(<scp>ii</scp>) complexes exhibiting different chirality types: synthesis and structural determination by complementary spectroscopic methods. Dalton Transactions, 2014, 43, 1636-1650.	3.3	6
78	Long-Range Bonding/Nonbonding Interactions: A Donorâ€“Acceptor Resonance Studied by Dynamic NMR. Organic Letters, 2015, 17, 2740-2743.	4.6	6
79	Base-strength effects in syn eliminations from trans-2,3-dichloro-2,3-dihydrobenzofuran in dimethyl sulfoxide. Journal of Organic Chemistry, 1980, 45, 827-830.	3.2	5
80	Identification of stereoisomers based on dielectric studies: dipole moments of chloroalkenes and chlorocumulenes. Tetrahedron, 1994, 50, 1707-1716.	1.9	5
81	Metalation of 2-Heterosubstituted Naphthalenes at the 1- or 3- Position: Factors That May Determine the Regiochemistry. Synthesis, 2010, 2010, 1531-1535.	2.3	5
82	Lipase-catalyzed enantioselective hydrolysis of methyl 2-fluoro-2-arylpropionates in water-saturated isooctane. Journal of Molecular Catalysis B: Enzymatic, 2006, 42, 90-94.	1.8	4
83	Stereochemical characterization of fluorinated 2-(phenanthren-1-yl)propionic acids by enantioselective high performance liquid chromatography analysis and electronic circular dichroism detection. Journal of Chromatography A, 2012, 1232, 128-133.	3.7	4
84	Kinetic study of elimination from 3Î±-chloro-3Î²-methyl- and 3Î²-chloro-3Î±-methyl-5Î±-cholestane promoted by potassium t-butoxide in t-butyl alcohol. Journal of the Chemical Society Perkin Transactions II, 1977, , 436-439.	0.9	3
85	Synthetic Applications of Substitution and Addition Reactions Promoted by Cerium(IV) Ammonium Nitrate. , 1989, , 155-185.		3
86	Synthesis and phospholipidosis effect of a series of cationic amphiphilic compounds: a case study to evaluate in silico and in vitro assays. Medicinal Chemistry Research, 2018, 27, 679-692.	2.4	3
87	Evidence for an indirect halogen exchange in the reaction oftrans- 2,3-dibromo-2,3-dihydrobenzofuran with chloride ions. Journal of Heterocyclic Chemistry, 1977, 14, 949-950.	2.6	2
88	Irreversible E1cb mechanism in the syn eliminations from 1,2-dihalogenoacenaphthenes promoted by potassium t-butoxide in t-butyl alcohol. Journal of the Chemical Society Chemical Communications, 1980, , 807.	2.0	2
89	Frontispiece: Fluorineâ€Containing Drugs Approved by the FDA in 2018. Chemistry - A European Journal, 2019, 25, .	3.3	2
90	New Strategies in the Synthesis of Regioselectively Trifluoromethyl- and Trifluoromethoxy-Substituted Arenes as Building Blocks for Biologically Active Molecules.. ChemInform, 2003, 34, no.	0.0	0

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91	First General Approach to Cyclohex-3-ene-1,1-bis(phosphonates) by Dielsâ€"Alder Cycloaddition of Tetraethyl Vinylidenebis(phosphonate) to 1,3-Dienes.. ChemInform, 2003, 34, no.	0.0	0
92	([2]Paracyclo[2](5,8)quinolinophan-2-yl)carbinols as Catalysts for Diethylzinc Addition to Aldehydes: Cooperative Effects of Planar and Central Chirality on the Asymmetric Induction.. ChemInform, 2005, 36, no.	0.0	0
93	Tribute to Prof. Manfred Schlosser (1934â€"2013). Journal of Fluorine Chemistry, 2015, 171, 2-3.	1.7	0