

Andrea Mazzanti

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Analog Front End of 50-Gb/s SiGe BiCMOS Opto-Electrical Receiver in 3-D-Integrated Silicon Photonics Technology. IEEE Journal of Solid-State Circuits, 2022, 57, 312-322.	3.5	7
2	$1/f^2$ Phase Noise Analysis in Active-Coupling LC-Tank Oscillators With Frequency Mismatch. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 319-323.	2.2	4
3	ϵ -Band Frequency Sextupler With >35 dB Harmonics Rejection Over 20 GHz Bandwidth in 55 nm BiCMOS. IEEE Journal of Solid-State Circuits, 2022, 57, 2155-2166.	3.5	6
4	A Broadband 22–31-GHz Bidirectional Image-Reject Up/Down Converter Module in 28-nm CMOS for 5G Communications. IEEE Journal of Solid-State Circuits, 2022, 57, 1968-1981.	3.5	11
5	4-Phenyl-1,2,3-triazoles as Versatile Ligands for Cationic Cyclometalated Iridium(III) Complexes. Inorganic Chemistry, 2022, 61, 8509-8520.	1.9	6
6	Acquisition RX Chain for PMUT-Based Highly Integrated Ultrasound Imaging Systems. , 2022, , .		2
7	A 112 Gb/s PAM-4 RX Front-End With Unlocked Decision Feedback Equalizer. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 256-260.	2.2	7
8	Highly twisted carbazole-borane derivatives: B^N stereodynamic analysis and consequences on their emission properties. Organic Chemistry Frontiers, 2021, 8, 4496-4507.	2.3	4
9	High Gain 130-GHz Frequency Doubler With Colpitts Output Buffer Delivering P_{out} up to 8 dBm with 6% PAE in 55-nm SiGe BiCMOS. IEEE Solid-State Circuits Letters, 2021, 4, 36-39.	1.3	10
10	A Multichannel D-Band Radar Receiver With Optimized LO Distribution. IEEE Solid-State Circuits Letters, 2021, 4, 141-144.	1.3	5
11	A 20-GHz Class-C VCO With 80-GHz Fourth-Harmonic Output in 28-nm CMOS. IEEE Microwave and Wireless Components Letters, 2021, 31, 1154-1157.	2.0	3
12	Doubly-Tuned Transformer Networks: A Tutorial. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 550-555.	2.2	14
13	Noncovalent Interactions between Stacked Arenes in 1,8-Bis(1-naphthyl)naphthalenes. European Journal of Organic Chemistry, 2021, 2021, 2594-2603.	1.2	3
14	D-Band SiGe BiCMOS Power Amplifier With 16.8dBm P_{d} , dB and 17.1% PAE Enhanced by Current-Clamping in Multiple Common-Base Stages. IEEE Microwave and Wireless Components Letters, 2021, 31, 288-291.	2.0	23
15	Catalytic Enantioselective Access to Dihydroquinoxalinones via Formal $\hat{\pm}$ -Halo Acyl Halide Synthon in One Pot. Angewandte Chemie, 2021, 133, 24012-24019.	1.6	3
16	Catalytic Enantioselective Access to Dihydroquinoxalinones via Formal $\hat{\pm}$ -Halo Acyl Halide Synthon in One Pot. Angewandte Chemie - International Edition, 2021, 60, 23819-23826.	7.2	16
17	Analysis and Design of D-Band Cascode SiGe BiCMOS Amplifiers With Gain-Bandwidth Product Enhanced by Load Reflection. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 4059-4068.	2.9	5
18	Chemodivergent Preparation of Various Heterocycles $\langle i \rangle$ Phase-Transfer Catalysis: Enantioselective Synthesis of Functionalized Piperidines. Advanced Synthesis and Catalysis, 2020, 362, 1167-1175.	2.1	10

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19	Design of Compact D-Band Amplifiers With Accurate Modeling of Inductors and Current Return Paths in 55-nm SiGe BiCMOS. <i>IEEE Solid-State Circuits Letters</i> , 2020, 3, 250-253.	1.3	3
20	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.	1.9	12
21	Nitrone/Imine Selectivity Switch in Base-Catalysed Reaction of Aryl Acetic Acid Esters with Nitrosoarenes: Joint Experimental and Computational Study. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 5457-5466.	2.1	7
22	Impact of the Base Resistance Noise and Design of a ~ 190 -dBc/Hz FoM Bipolar Class-C VCO. <i>IEEE Solid-State Circuits Letters</i> , 2020, 3, 90-93.	1.3	3
23	Stereochemistry and Recent Applications of Axially Chiral Organic Molecules. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 4070-4086.	1.2	52
24	Light-Triggered Catalytic Asymmetric Allylic Benzoylation with Photogenerated α -C-Nucleophiles. <i>Journal of Organic Chemistry</i> , 2020, 85, 4463-4474.	1.7	18
25	150 GHz Differential Amplifiers with Lumped-Elements Matching Networks in 55 nm SiGe BiCMOS. , 2020, , .		0
26	Axial Chirality at the Boron-Carbon Bond: Synthesis, Stereodynamic Analysis, and Atropisomeric Resolution of 6-Aryl-5,6-dihydrodibenzo[α , ϵ][1,2]azaborinines. <i>Journal of Organic Chemistry</i> , 2019, 84, 12253-12258.	1.7	20
27	Deuterium Incorporation Protects Cells from Oxidative Damage. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	1.9	2
28	Rotation Barriers of Δ -Adamantyl-Csp ³ Bonds Measured with Dynamic NMR. <i>ChemistrySelect</i> , 2019, 4, 7645-7648.	0.7	1
29	Determination of the absolute configuration of conformationally flexible molecules by simulation of chiro-optical spectra: a case study. <i>RSC Advances</i> , 2019, 9, 18165-18175.	1.7	10
30	Central-to-Axial Chirality Conversion Approach Designed on Organocatalytic Enantioselective Povarov Cycloadditions: First Access to Configurationally Stable Indole-Quinoline Atropisomers. <i>Chemistry - A European Journal</i> , 2019, 25, 15694-15701.	1.7	62
31	D-Band Transport Solution to 5G and Beyond 5G Cellular Networks. , 2019, , .		19
32	Predictive chirality sensing via Schiff base formation. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6699-6705.	1.5	6
33	High-Efficiency SiGe-BiCMOS π -Band Power Amplifiers Exploiting Current Clamping in the Common-Base Stage. <i>IEEE Journal of Solid-State Circuits</i> , 2019, 54, 2175-2185.	3.5	19
34	Towards mm-wave spectroscopy for dielectric characterization of breast surgical margins. <i>Breast</i> , 2019, 45, 64-69.	0.9	28
35	Conformational and Stereodynamic Behavior of Five- to Seven-Membered 1-Aryl-2-iminoazacycloalkanes. <i>ACS Omega</i> , 2019, 4, 4712-4720.	1.6	9
36	Direct Access to Alkylideneoxindoles via Axially Enantioselective Knoevenagel Condensation. <i>Organic Letters</i> , 2019, 21, 3013-3017.	2.4	21

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37	Enantioselective Desymmetrization of 1,4-Dihydropyridines by Oxidative NHC Catalysis. Chemistry - A European Journal, 2019, 25, 7469-7474.	1.7	15
38	A 26-Gb/s 3-D-Integrated Silicon Photonic Receiver in BiCMOS-55 nm and PIC25G With ~ 15.2 -dBm OMA Sensitivity. , 2019, , .		0
39	70-90-GHz Self-Tuned Polyphase Filter for Wideband I/Q LO Generation in a 55-nm BiCMOS Transmitter. , 2019, , .		1
40	70-90-GHz Self-Tuned Polyphase Filter for Wideband I/Q LO Generation in a 55-nm BiCMOS Transmitter. IEEE Solid-State Circuits Letters, 2019, 2, 155-158.	1.3	3
41	A 26-Gb/s 3-D-Integrated Silicon Photonic Receiver in BiCMOS-55 nm and PIC25G With ~ 15.2 -dBm OMA Sensitivity. IEEE Solid-State Circuits Letters, 2019, 2, 187-190.	1.3	4
42	40GHz Frequency Tripler with High Fundamental and Harmonics Rejection in 55nm SiGe-BiCMOS. , 2019, , .		3
43	A 64 Gb/s Low-Power Transceiver for Short-Reach PAM-4 Electrical Links in 28-nm FDSOI CMOS. IEEE Journal of Solid-State Circuits, 2019, 54, 6-17.	3.5	42
44	Development of a Focused Library of Triazole-Linked Privileged Structure-Based Conjugates Leading to the Discovery of Novel Phenotypic Hits against Protozoan Parasitic Infections. ChemMedChem, 2018, 13, 678-683.	1.6	12
45	Enantioselective Dearomatization of Alkylpyridiniums by <i>N</i> -Heterocyclic Carbene-Catalyzed Nucleophilic Acylation. Journal of Organic Chemistry, 2018, 83, 2050-2057.	1.7	40
46	Catalytic Enantioselective Povarov Reactions of Ferrocenecarbaldehyde-Derived Imines \sim Brønsted Acid Catalysis at Parts-per-Million Level Loading. Advanced Synthesis and Catalysis, 2018, 360, 893-900.	2.1	21
47	A PVT-Tolerant >40 -dB IRR, 44% Fractional-Bandwidth Ultra-Wideband mm-Wave Quadrature LO Generator for 5G Networks in 55-nm CMOS. IEEE Journal of Solid-State Circuits, 2018, 53, 3576-3586.	3.5	24
48	Asymmetric vinylogous aldol addition of alkylidene oxindoles on trifluoromethyl- α,β -unsaturated ketones. RSC Advances, 2018, 8, 33451-33458.	1.7	14
49	Catalytic enantioselective one-pot approach to <i>cis</i> - and <i>trans</i> -2,3-diaryl substituted 1,5-benzothiazepines. Organic and Biomolecular Chemistry, 2018, 16, 6923-6934.	1.5	11
50	Enantioselective Synthesis of Trifluoromethyl α,β -Unsaturated γ -Lactones via Vinylogous Aldol-Lactonization Cascade. Journal of Organic Chemistry, 2018, 83, 12440-12448.	1.7	23
51	Quinone-Fused Pyrazoles through 1,3-Dipolar Cycloadditions: Synthesis of Tricyclic Scaffolds and in vitro Cytotoxic Activity Evaluation on Glioblastoma Cancer Cells. ChemMedChem, 2018, 13, 1744-1750.	1.6	14
52	Synergistic formal ring contraction for the enantioselective synthesis of spiropyrazolones. Chemical Science, 2018, 9, 6368-6373.	3.7	40
53	Second-Order Equivalent Circuits for the Design of Doubly-Tuned Transformer Matching Networks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 4157-4168.	3.5	47
54	Synergistic Catalysis: Highly Enantioselective Acetyl Azaarene Addition to Enals. Chemistry - A European Journal, 2018, 24, 13306-13310.	1.7	14

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55	Stereodynamic Analysis of New Atropisomeric 4,7-Di(naphthalen-1-yl)-5,6-dinitro-1H-indoles. <i>Synlett</i> , 2018, 29, 2161-2166.	1.0	5
56	Nucleophilic Dearomatization of Pyridines under Enamine Catalysis: Regio-, Diastereo-, and Enantioselective Addition of Aldehydes to Activated <i>N</i> -Alkylpyridinium Salts. <i>Organic Letters</i> , 2017, 19, 834-837.	2.4	51
57	Betti's base for crystallization-induced deracemization of substituted aldehydes: synthesis of enantiopure amorolfine and fenpropimorph. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 2968-2978.	1.5	8
58	Michael Addition of Oxindoles to <i>N</i> -(2-tert-Butylphenyl)maleimides: Efficient Desymmetrization for the Synthesis of Atropisomeric Succinimides with Quaternary and Tertiary Stereocenters. <i>Synthesis</i> , 2017, 49, 1519-1530.	1.2	22
59	Hydroxy- and Methoxybenzene Derivatives with Benzenediazonium Salts - Chemical Behavior and Tautomeric Problems. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 964-974.	1.2	3
60	Highly Enantioselective Synthesis of Alkylpyridine Derivatives through a Michael/Michael/Aldol Cascade Reaction. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 719-725.	1.2	7
61	Conformational Analysis and Absolute Configuration of Axially Chiral 1-Aryl and 1,3-Bisaryl-xanthenes. <i>Journal of Organic Chemistry</i> , 2017, 82, 6874-6885.	1.7	14
62	Insights Into Phase-Noise Scaling in Switch-Coupled Multi-Core <i>LC</i> VCOs for E-Band Adaptive Modulation Links. <i>IEEE Journal of Solid-State Circuits</i> , 2017, 52, 1703-1718.	3.5	87
63	A 28-GHz 7-Bit High-Linearity Phase Rotator Based on Wideband Injection-Locking Multi-Phase Generation for High-Speed Serial Links in 28-nm CMOS FDSOI. <i>IEEE Journal of Solid-State Circuits</i> , 2017, 52, 1739-1752.	3.5	34
64	A 25mW Highly Linear Continuous-Time FIR Equalizer for 25Gb/s Serial Links in 28-nm CMOS. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2017, 64, 1903-1913.	3.5	9
65	Anionic Cyclometalated Iridium(III) Complexes with a Bis-Tetrazolate Ancillary Ligand for Light-Emitting Electrochemical Cells. <i>Inorganic Chemistry</i> , 2017, 56, 10584-10595.	1.9	36
66	A low-noise K-band class-C VCO for E-band 5G backhaul systems in 55nm BiCMOS technology. , 2017, , .		2
67	Controlling the C(sp ³)-C(sp ²) Axial Conformation in the Enantioselective Friedel-Crafts-Type Alkylation of 1,2-Naphthols with Inden-1-ones. <i>Organic Letters</i> , 2017, 19, 6692-6695.	2.4	23
68	Organocatalytic Asymmetric Sulfa-Michael Addition of 2-Aminothiophenols to Chalcones: First Enantioselective Access to 2,3,4,5-Tetrahydro-1,5-benzothiazepines. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 49-52.	1.2	19
69	An Atropisomerically Enforced Phosphoric Acid for Organocatalytic Asymmetric Reactions. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3208-3216.	1.2	14
70	Axial Chirality about Boron-Carbon Bond: Atropisomeric Azaborines. <i>Organic Letters</i> , 2016, 18, 2692-2695.	2.4	23
71	Enantioselective Organocatalytic Cyclopropanation of Enals Using Benzyl Chlorides. <i>Journal of Organic Chemistry</i> , 2016, 81, 3488-3500.	1.7	26
72	A multi-core VCO and a frequency quadrupler for E-Band adaptive-modulation links in 55nm BiCMOS. , 2016, , .		7

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73	A High-Swing 45 Gb/s Hybrid Voltage and Current-Mode PAM-4 Transmitter in 28 nm CMOS FDSOI. IEEE Journal of Solid-State Circuits, 2016, 51, 2702-2715.	3.5	36
74	Computational and DNMR Analysis of the Conformational Isomers and Stereodynamics of Secondary 2,2- α^2 -Bisanilides. Journal of Organic Chemistry, 2016, 81, 89-99.	1.7	6
75	Synergistic catalysis: cis-cyclopropanation of benzoxazoles. Chemical Science, 2016, 7, 984-988.	3.7	43
76	Catalytic Asymmetric Reactions of 4-Substituted Indoles with Nitroethene: A Direct Entry to Ergot Alkaloid Structures. Chemistry - A European Journal, 2015, 21, 17578-17582.	1.7	46
77	An Unexpected Pathway to Enantiomerization of Hemithioketals in Toluene Involving a Dimeric Transition State: A Combined Experimental and Computational Study. European Journal of Organic Chemistry, 2015, 2015, 4353-4357.	1.2	3
78	Enantioselective Preparation, Conformational Analysis and Absolute Configuration of Highly Substituted Aziridines. Chirality, 2015, 27, 875-887.	1.3	4
79	A low-noise programmable-gain amplifier for 25 Gb/s multi-mode fiber receivers in 28nm CMOS FDSOI. , 2015, , .		1
80	A 15 GHz-bandwidth 20dBm P<inf>SAT</inf> power amplifier with 22% PAE in 65nm CMOS. , 2015, , .		5
81	Synthesis and antimicrobial activity of novel structural hybrids of benzofuroxan and benzothiazole derivatives. European Journal of Medicinal Chemistry, 2015, 93, 349-359.	2.6	54
82	Chiral nanostructuring of multivalent macrocycles in solution and on surfaces. Organic and Biomolecular Chemistry, 2015, 13, 3593-3601.	1.5	48
83	Catalytic Asymmetric Addition of Meldrum's Acid, Malononitrile, and 1,3-Dicarbonyls to <i>ortho</i> -Quinone Methides Generated In Situ Under Basic Conditions. Chemistry - A European Journal, 2015, 21, 6037-6041.	1.7	106
84	APTES mediated modular modification of regenerated silk fibroin in a water solution. RSC Advances, 2015, 5, 63401-63406.	1.7	14
85	Vinylogous Reactivity of Oxindoles Bearing Nonsymmetric 3-Alkylidene Groups. Journal of Organic Chemistry, 2015, 80, 7158-7171.	1.7	30
86	Long-Range Bonding/Nonbonding Interactions: A Donor-Acceptor Resonance Studied by Dynamic NMR. Organic Letters, 2015, 17, 2740-2743.	2.4	6
87	Organocatalytic Atroposelective Formal Diels-Alder Desymmetrization of <i>N</i> -Aryl maleimides. Organic Letters, 2015, 17, 1728-1731.	2.4	51
88	A 40-67 GHz Power Amplifier With 13 dBm $P_{m SAT}$ and 16% PAE in 28 nm CMOS LP. IEEE Journal of Solid-State Circuits, 2015, 50, 1618-1628.	3.5	75
89	On the Phase Noise Performance of Transformer-Based CMOS Differential-Pair Harmonic Oscillators. IEEE Transactions on Circuits and Systems I: Regular Papers, 2015, 62, 2334-2341.	3.5	67
90	Catalytic highly enantioselective transfer hydrogenation of β^2 -trifluoromethyl nitroalkenes. An easy and general entry to optically active β^2 -trifluoromethyl amines. Chemical Communications, 2015, 51, 658-660.	2.2	33

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91	Structure and conformational dynamics of an aromatic sulfonamide: NMR, X-Ray and computational studies. <i>Arkivoc</i> , 2015, 2015, 66-79.	0.3	1
92	A 40–67GHz power amplifier with 13dBm PSAT and 16% PAE in 28 nm CMOS LP. , 2014, , .		2
93	Catalytic asymmetric one-pot synthesis of $\hat{\pm}$ -methylene- $\hat{3}$ -lactams. <i>Tetrahedron</i> , 2014, 70, 75-82.	1.0	29
94	The Experimental Observation of the Intramolecular NO ₂ /CO Interaction in Solution. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5405-5409.	7.2	9
95	Asymmetric synthesis of 3,4-annulated indoles through an organocatalytic cascade approach. <i>Chemical Communications</i> , 2014, 50, 445-447.	2.2	33
96	Axial Chirality of 4-Arylpyrazolo[3,4- <i>b</i>]pyridines. Conformational Analysis and Absolute Configuration. <i>Journal of Organic Chemistry</i> , 2014, 79, 11039-11050.	1.7	25
97	Analysis and Design of a Power-Scalable Continuous-Time FIR Equalizer for 10 Gb/s to 25 Gb/s Multi-Mode Fiber EDC in 28 nm LP CMOS. <i>IEEE Journal of Solid-State Circuits</i> , 2014, 49, 3130-3140.	3.5	23
98	Substrate and product role in the Shvo's catalyzed selective hydrogenation of the platform bio-based chemical 5-hydroxymethylfurfural. <i>Dalton Transactions</i> , 2014, 43, 10224-10234.	1.6	60
99	N-Heterocyclic carbene rhodium($\langle \text{scpi} \rangle$) complexes containing an axis of chirality: dynamics and catalysis. <i>New Journal of Chemistry</i> , 2014, 38, 1768-1779.	1.4	21
100	Iridium(III) Complexes with Phenyl-tetrazoles as Cyclometalating Ligands. <i>Inorganic Chemistry</i> , 2014, 53, 7709-7721.	1.9	72
101	Remote Control of Axial Chirality: Aminocatalytic Desymmetrization of <i>N</i> -Arylmaleimides via Vinylogous Michael Addition. <i>Journal of the American Chemical Society</i> , 2014, 136, 10250-10253.	6.6	134
102	A Low-Noise Design Technique for High-Speed CMOS Optical Receivers. <i>IEEE Journal of Solid-State Circuits</i> , 2014, 49, 1437-1447.	3.5	179
103	Computational and DNMR Investigation of the Isomerism and Stereodynamics of the 2,2'-Binaphthalene-1,1'-diol Scaffold. <i>Journal of Organic Chemistry</i> , 2014, 79, 3725-3730.	1.7	11
104	A Proton Dance: Wheland Complexes and Ammonium Salts Obtained from Organic Acids and 1,3,5-Tris(N,N-dialkylamino)benzene Derivatives. <i>Current Organic Chemistry</i> , 2014, 18, 512-523.	0.9	12
105	Merging Synthesis and Enantioselective Functionalization of Indoles by a Gold-Catalyzed Asymmetric Cascade Reaction. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10850-10853.	7.2	65
106	Catalytic highly enantioselective vinylogous Povarov reaction. <i>Chemical Communications</i> , 2013, 49, 880-882.	2.2	58
107	First one-pot organocatalytic synthesis of $\hat{\pm}$ -methylene- $\hat{3}$ -lactones. <i>Chemical Communications</i> , 2013, 49, 1184.	2.2	45
108	Atropisomers of Arylmaleimides: Stereodynamics and Absolute Configuration. <i>Journal of Organic Chemistry</i> , 2013, 78, 3709-3719.	1.7	32

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109	A Rational Approach Towards a New Ferrocenyl Pyrrolidine for Stereoselective Enamine Catalysis. Chemistry - A European Journal, 2013, 19, 7696-7700.	1.7	23
110	Triple Click to Tripodal Triazole-Based Ligands - Synthesis and Characterization of Blue-Emitting Ce ³⁺ -Complexes. European Journal of Inorganic Chemistry, 2013, 2013, 2432-2439.	1.0	17
111	Experimental and Computational Investigation of the 1,3-Dipolar Cycloaddition of the Ynamide <i>tert</i> -Butyl N-Ethynyl-N-phenylcarbamate with <i>C</i> -Carboxymethyl-N-phenylnitrilimine. European Journal of Organic Chemistry, 2013, 2013, 8108-8114.	1.2	3
112	Fluoride-induced proto- and carbo-desilylation of S,S-, O,O- and O,S-silylated acetals: an insight into the chemical and stereochemical reaction outcome. Journal of Sulfur Chemistry, 2013, 34, 606-616.	1.0	0
113	Atropisomers of Hindered Triarylisocyanurates: Structure, Conformation, Stereodynamics, and Absolute Configuration. Journal of Organic Chemistry, 2012, 77, 3373-3380.	1.7	13
114	Iminium ion catalysis: the enantioselective Friedel-Crafts alkylation-acetalization cascade of naphthols with 1,2-unsaturated cyclic ketones. Chemical Communications, 2012, 48, 11178.	2.2	49
115	Organocatalytic enantioselective pyrazol-3-one addition to maleimides: Reactivity and stereochemical course. Organic and Biomolecular Chemistry, 2012, 10, 1645.	1.5	60
116	Rotational barriers of biphenyls having heavy heteroatoms as ortho-substituents: experimental and theoretical determination of steric effects. Organic and Biomolecular Chemistry, 2012, 10, 1847.	1.5	53
117	(+)-syn-Benzotriborneol an enantiopure C ₃ -symmetric receptor for water. Organic and Biomolecular Chemistry, 2012, 10, 2464.	1.5	9
118	Enantioselective Gold-Catalyzed Synthesis of Polycyclic Indolines. Organic Letters, 2012, 14, 1350-1353.	2.4	208
119	Recent trends in conformational analysis. Wiley Interdisciplinary Reviews: Computational Molecular Science, 2012, 2, 613-641.	6.2	65
120	Solvent-Free Non-Covalent Organocatalysis: Enantioselective Addition of Nitroalkanes to Alkylideneindolenines as a Flexible Gateway to Optically Active Tryptamine Derivatives. Advanced Synthesis and Catalysis, 2012, 354, 1373-1380.	2.1	43
121	An Experimental Study on the Effect of Substituents on Aromatic-Aromatic Interactions in Dithia[3,3]-metaparacyclophanes. Chemistry - A European Journal, 2012, 18, 3611-3620.	1.7	29
122	Trapping and Analysing Wheland-Meisenheimer If Complexes, Usually Labile and Escaping Intermediates. European Journal of Organic Chemistry, 2012, 2012, 1123-1129.	1.2	26
123	Stereolability of Dihydroartemisinin, an Antimalarial Drug: A Comprehensive Kinetic Investigation. Part 2. Journal of Organic Chemistry, 2011, 76, 4831-4840.	1.7	17
124	Structure, Conformation, Stereodynamics, and Absolute Configuration of the Atropisomers of Fluorenylidene Derivatives. Journal of Organic Chemistry, 2011, 76, 1487-1490.	1.7	2
125	Stereolability of Dihydroartemisinin, an Antimalarial Drug: A Comprehensive Thermodynamic Investigation. Part 1. Journal of Organic Chemistry, 2011, 76, 1751-1758.	1.7	19
126	Highly enantioselective cascade synthesis of spiropyrazolones. Organic and Biomolecular Chemistry, 2011, 9, 6519.	1.5	104

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127	N-Heterocyclic Carbene-Amide Rhodium(I) Complexes: Structures, Dynamics, and Catalysis. <i>Organometallics</i> , 2011, 30, 5258-5272.	1.1	66
128	A Wideband Receiver for Multi-Gbit/s Communications in 65 nm CMOS. <i>IEEE Journal of Solid-State Circuits</i> , 2011, 46, 551-561.	3.5	64
129	Conformation and stereodynamics of 1,2-diaryltetrahydropyrimidine and of its five- and seven-membered ring analogs. <i>Tetrahedron</i> , 2011, 67, 9129-9133.	1.0	4
130	A Low-Noise Quadrature VCO Based on Magnetically Coupled Resonators and a Wideband Frequency Divider at Millimeter Waves. <i>IEEE Journal of Solid-State Circuits</i> , 2011, 46, 2943-2955.	3.5	71
131	Enantiopure $\hat{\pm}$ -imino glyoxylate: a versatile substrate for the spontaneous asymmetric synthesis of unnatural hydroxyaryl glycinates. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 591-596.	1.8	11
132	An Easy Entry to Optically Active Spiroindolinones: Chiral Brønsted Acid-Catalysed Pictet-Spengler Reactions of Isatins. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 860-864.	2.1	149
133	Cinchona Alkaloid-Catalyzed Enantioselective Direct Aldol Reaction of <i>N</i> -Boc-Oxindoles with Polymeric Ethyl Glyoxylate. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 2953-2959.	2.1	14
134	Highly Stereoselective Synthesis of Spiropyrazolones. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 1318-1325.	1.2	98
135	Betti Reaction of Cyclic Imines with Naphthols and Phenols – Preparation of New Derivatives of Betti's Bases. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 2094-2100.	1.2	31
136	How Space-Filling Is a Pyridine Lone Pair?. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 6725-6731.	1.2	7
137	Organocatalytic Michael-Alkylation Cascade: The Enantioselective Nitrocyclopropanation of Oxindoles. <i>Chemistry - A European Journal</i> , 2011, 17, 2842-2845.	1.7	139
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