Jose Aleman

List of Publications by Year
in descending order

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192 papers	7,008 citations	57719 44 h-index	76872 74 g-index
267 all docs	267 docs citations	267 times ranked	5980 citing authors

#	Article	IF	Citations
1	Anchoring of 10-phenylphenothiazine to mesoporous silica materials: A water compatible organic photocatalyst for the degradation of pollutants. Journal of Materials Science and Technology, 2022, 103, 134-143.	5.6	13
2	Fluorinated Sulfinates as Source of Alkyl Radicals in the Photoâ€Enantiocontrolled Î²â€Functionalization of Enals. Angewandte Chemie - International Edition, 2022, 61, e202112632.	7.2	20
3	Asymmetric synthesis of cyclic Î²-amino carbonyl derivatives by a formal [3 + 2] photocycloaddition. Chemical Communications, 2022, 58, 1334-1337.	2.2	17
4	Oxidized multiwalled nanotubes as efficient carbocatalyst for the general synthesis of azines. Journal of Catalysis, 2022, 406, 174-183.	3.1	5
5	Intramolecular Hydrogen-Bond Activation: Strategies, Benefits, and Influence in Catalysis. ACS Organic & Inorganic Au, 2022, 2, 197-204.	1.9	11
6	Continuous-flow synthesis of alkyl zinc sulfinates for the direct photofunctionalization of heterocycles. Chemical Communications, 2022, 58, 4611-4614.	2.2	4
7	Tuning the Activityâ€“Stability Balance of Photocatalytic Organic Materials for Oxidative Coupling Reactions. ACS Applied Materials & Interfaces, 2022, 14, 16258-16268.	4.0	16
8	Remote Giese Radical Addition by Photocatalytic Ring Opening of Activated Cycloalkanols. Advanced Synthesis and Catalysis, 2022, 364, 1689-1694.	2.1	6
9	Enantioselective Addition of Remote Alkyl Radicals to Double Bonds by Photocatalytic Proton-Coupled Electron Transfer (PCET) Deconstruction of Unstrained Cycloalkanols. Organic Letters, 2022, 24, 3123-3127.	2.4	8
10	Predesigned Covalent Organic Frameworks as Effective Platforms for Pd(II) Coordination Enabling Crossâ€Coupling Reactions under Sustainable Conditions. Advanced Sustainable Systems, 2022, 6, .	2.7	11
11	General electrochemical Minisci alkylation of N-heteroarenes with alkyl halides. Chemical Science, 2022, 13, 6512-6518.	3.7	14
12	Simple Rules for Complex Near-Glass-Transition Phenomena in Medium-Sized Schiff Bases. International Journal of Molecular Sciences, 2022, 23, 5185.	1.8	3
13	Isothiourea-catalysed enantioselective radical conjugate addition under batch and flow conditions. Chemical Communications, 2022, 58, 7277-7280.	2.2	4
14	Single walled carbon nanotubes with encapsulated Pt(II) photocatalyst for the oxidation of sulfides in water. Journal of Catalysis, 2022, 413, 274-283.	3.1	2
15	Heterogeneous catalysts with programmable topologies generated by reticulation of organocatalysts into metal-organic frameworks: The case of squaramide. Nano Research, 2021, 14, 458-465.	5.8	12
16	Lightâ€Driven Enantioselective Synthesis of Pyrroline Derivatives by a Radical/Polar Cascade Reaction. Angewandte Chemie, 2021, 133, 4605-4610.	1.6	0
17	Lightâ€Driven Enantioselective Synthesis of Pyrroline Derivatives by a Radical/Polar Cascade Reaction. Angewandte Chemie - International Edition, 2021, 60, 4555-4560.	7.2	15
18	Biodegradable base stock oils obtained from ricinoleic acid using C8 alcohols and process integration into a biodiesel industry. Biomass Conversion and Biorefinery, 2021, 11, 803-814.	2.9	6

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19	Enantioselective vinylogous-Mukaiyama-type dearomatisation by anion-binding catalysis. Chemical Communications, 2021, 57, 9244-9247.	2.2	5
20	Luminescent cis-Bis(bipyridyl)ruthenium(II) Complexes with 1,2-Azolylamidino Ligands: Photophysical, Electrochemical Studies, and Photocatalytic Oxidation of Thioethers. Inorganic Chemistry, 2021, 60, 7008-7022.	1.9	3
21	Enhancing Visible-Light Photocatalysis via Endohedral Functionalization of Single-Walled Carbon Nanotubes with Organic Dyes. ACS Applied Materials & Interfaces, 2021, 13, 24877-24886.	4.0	19
22	Recent Visible Light and Metal Free Strategies in [2+2] and [4+2] Photocycloadditions. European Journal of Organic Chemistry, 2021, 2021, 3303-3321.	1.2	28
23	Enantioselective Organocatalyzed azaâ€Michael Addition Reaction of 2â€Hydroxybenzophenone Imines to Nitroolefins under Batch and Flow Conditions. Advanced Synthesis and Catalysis, 2021, 363, 3845-3851.	2.1	7
24	Photocatalytic Oxidation Reactions Mediated by Covalent Organic Frameworks and Related Extended Organic Materials. Frontiers in Chemistry, 2021, 9, 708312.	1.8	10
25	Visible-Light Radicalâ€“Radical Coupling vs. Radical Addition: Disentangling a Mechanistic Knot. Catalysts, 2021, 11, 922.	1.6	2
26	Organocatalytic Strategies for the Development of the Enantioselective Inverseâ€electronâ€demand Heteroâ€Dielsâ€Alder Reaction. Chemistry - A European Journal, 2021, 27, 12509-12520.	1.7	29
27	Enantioselective Inverse-Electron Demand Aza-Dielsâ€“Alder Reaction: ipso,Î±-Selectivity of Silyl Dienol Ethers. ACS Catalysis, 2021, 11, 12133-12145.	5.5	17
28	Photoredox Heterobimetallic Dual Catalysis Using Engineered Covalent Organic Frameworks. ACS Catalysis, 2021, 11, 12344-12354.	5.5	59
29	Frontispiece: Organocatalytic Strategies for the Development of the Enantioselective Inverseâ€electronâ€demand Heteroâ€Dielsâ€Alder Reaction. Chemistry - A European Journal, 2021, 27, .	1.7	0
30	Asymmetric [2+2] photocycloaddition via charge transfer complex for the synthesis of tricyclic chiral ethers. Chemical Communications, 2021, 57, 3046-3049.	2.2	14
31	Enantioselective vinylogous Mukaiyama aldol reaction of Î±-ketoesters under bifunctional organocatalysis. Chemical Communications, 2021, 57, 11665-11668.	2.2	2
32	Rutheniumâ€pâ€cymene Complex Sideâ€Wall Covalently Bonded to Carbon Nanotubes as Efficient Hybrid Transfer Hydrogenation Catalyst. ChemCatChem, 2021, 13, 5156-5165.	1.8	3
33	Solvent-Free Visible Light Photocatalytic Oxidation Processes Mediated by Transparent Films of an Imine-Based Organic Polymer. Catalysts, 2021, 11, 1426.	1.6	1
34	Glass-forming Schiff bases: Peculiar self-organizing systems with bifurcated hydrogen bonds. Journal of Molecular Liquids, 2021, , 118052.	2.3	2
35	Multifunctional carbon nanotubes covalently coated with imine-based covalent organic frameworks: exploring structureâ€“property relationships through nanomechanics. Nanoscale, 2020, 12, 1128-1137.	2.8	20
36	Asymmetric Synthesis of Î±-Trifluoromethylthio-Î²-Amino Acids under Phase Transfer Catalysis. Organic Letters, 2020, 22, 219-223.	2.4	38

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37	Visible Light Photocatalytic Synthesis of Tetrahydroquinolines Under Batch and Flow Conditions. European Journal of Organic Chemistry, 2020, 2020, 5995-5999.	1.2	13
38	Photocatalytic Water-Soluble Cationic Platinum(II) Complexes Bearing Quinolinate and Phosphine Ligands. Inorganic Chemistry, 2020, 59, 13845-13857.	1.9	6
39	Visible light mediated photocatalytic [2â€‰+â€‰2] cycloaddition/ring-opening rearomatization cascade of electron-deficient azaarenes and vinylarenes. Communications Chemistry, 2020, 3, .	2.0	11
40	Onâ€Surface Driven Formal Michael Addition Produces m â€Polyaniline Oligomers on Pt(111). Angewandte Chemie - International Edition, 2020, 59, 23220-23227.	7.2	5
41	Onâ€Surface Driven Formal Michael Addition Produces m â€Polyaniline Oligomers on Pt(111). Angewandte Chemie, 2020, 132, 23420-23427.	1.6	1
42	Visible light photocatalysis â€“ from racemic to asymmetric activation strategies. Chemical Communications, 2020, 56, 11169-11190.	2.2	71
43	Metal-free visible light-promoted synthesis of isothiazoles: a catalytic approach for Nâ€“S bond formation from iminyl radicals under batch and flow conditions. Green Chemistry, 2020, 22, 6792-6797.	4.6	17
44	Stereocontrolled Addition of Scrambling ortho-Sulfinyl Carbanions: Easy Access to Homopropargylamines and Î±-Allenylamines. Organic Letters, 2020, 22, 2431-2436.	2.4	5
45	Asymmetric trifluoromethylthiolation of azlactones under chiral phase transfer catalysis. Organic and Biomolecular Chemistry, 2020, 18, 2914-2920.	1.5	10
46	Metalâ€“Organic Frameworks (MOFs) and Covalent Organic Frameworks (COFs) Applied to Photocatalytic Organic Transformations. Catalysts, 2020, 10, 720.	1.6	47
47	Unlocking the direct photocatalytic difluoromethylation of Cî€N bonds. Chemical Communications, 2020, 56, 3769-3772.	2.2	30
48	Boron Dipyrromethene (BODIPY) as Electronâ€Withdrawing Group in Asymmetric Copperâ€Catalyzed [3+2] Cycloadditions for the Synthesis of Pyrrolidineâ€Based Biological Sensors. Advanced Synthesis and Catalysis, 2020, 362, 1345-1355.	2.1	8
49	Enantioselective Aminocatalytic [2 + 2] Cycloaddition through Visible Light Excitation. ACS Catalysis, 2020, 10, 5335-5346.	5.5	34
50	The role of catalystâ€“support interactions in oxygen evolution anodes based on Co(OH)₂ nanoparticles and carbon microfibers. Catalysis Science and Technology, 2020, 10, 4513-4521.	2.1	9
51	Incorporation of photocatalytic Pt(II) complexes into imine-based layered covalent organic frameworks (COFs) through monomer truncation strategy. Applied Catalysis B: Environmental, 2020, 272, 119027.	10.8	64
52	Organocatalytic vs. Ru-based electrochemical hydrogenation of nitrobenzene in competition with the hydrogen evolution reaction. Dalton Transactions, 2020, 49, 6446-6456.	1.6	17
53	Î±-Functionalization of Imines via Visible Light Photoredox Catalysis. Catalysts, 2020, 10, 562.	1.6	48
54	Enantioselective Conjugate Azidation of Î±,Î²â€Unsaturated Ketones under Bifunctional Organocatalysis by Direct Activation of TMSN₃. Advanced Synthesis and Catalysis, 2019, 361, 4790-4796.	2.1	19

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55	Imineâ€Based Covalent Organic Frameworks as Photocatalysts for Metal Free Oxidation Processes under Visible Light Conditions. ChemCatChem, 2019, 11, 4916-4922.	1.8	59
56	Conjugated porous polymer based on BOPHY dyes as photocatalyst under visible light. Applied Catalysis B: Environmental, 2019, 258, 117933.	10.8	46
57	Visible light photocatalytic asymmetric synthesis of pyrrolo[1,2-a]indoles via intermolecular [3+2] cycloaddition. Chemical Communications, 2019, 55, 11303-11306.	2.2	22
58	Switching acidic and basic catalysis through supramolecular functionalization in a porous 3D covalent imine-based material. Catalysis Science and Technology, 2019, 9, 6007-6014.	2.1	10
59	In vitro and in vivo anticancer effects of two quinolineâ€“platinum(II) complexes on human osteosarcoma models. Cancer Chemotherapy and Pharmacology, 2019, 83, 681-692.	1.1	28
60	Intramolecular Homolytic Substitution Enabled by Photoredox Catalysis: Sulfur, Phosphorus, and Silicon Heterocycle Synthesis from Aryl Halides. Organic Letters, 2019, 21, 5295-5300.	2.4	34
61	Chromoselective access to Z- or E- allylated amines and heterocycles by a photocatalytic allylation reaction. Nature Communications, 2019, 10, 2634.	5.8	38
62	Mesityl or Imide Acridinium Photocatalysts: Accessible Versus Inaccessible Chargeâ€Transfer States in Photoredox Catalysis. ChemPhotoChem, 2019, 3, 609-612.	1.5	8
63	8-Mercaptoquinoline as a Ligand for Enhancing the Photocatalytic Activity of Pt(II) Coordination Complexes: Reactions and Mechanistic Insights. Journal of Organic Chemistry, 2019, 84, 6437-6447.	1.7	26
64	Size-selective mesoporous silica-based Pt(II) complex as efficient and reusable photocatalytic material. Journal of Catalysis, 2019, 373, 374-383.	3.1	16
65	Role of intramolecular hydrogen bonds and electron withdrawing groups in the acidity of aldimines and ketimines: a density functional theory study. Theoretical Chemistry Accounts, 2019, 138, 1.	0.5	2
66	BODIPY as electron withdrawing group for the activation of double bonds in asymmetric cycloaddition reactions. Chemical Science, 2019, 10, 4346-4351.	3.7	16
67	Nucleophilic halo-Michael addition under Lewis-base activation. Chemical Communications, 2019, 55, 12936-12939.	2.2	1
68	Intramolecular Hydrogen Bond Activation of Azaâ€Methylene Imines in Hydrogen Bond Bifunctional Catalysis â€“ A Density Functional Theory Study. European Journal of Organic Chemistry, 2019, 2019, 574-581.	1.2	10
69	Asymmetric vinylogous Mukaiyama aldol reaction of isatins under bifunctional organocatalysis: enantioselective synthesis of substituted 3-hydroxy-2-oxindoles. Chemical Communications, 2018, 54, 2781-2784.	2.2	27
70	Intramolecular hydrogen-bond activation for the addition of nucleophilic imines: 2-hydroxybenzophenone as a chemical auxiliary. Chemical Communications, 2018, 54, 3399-3402.	2.2	11
71	2â€Hydroxybenzophenone as a Chemical Auxiliary for the Activation of Ketiminoesters for Highly Enantioselective Addition to Nitroalkenes under Bifunctional Catalysis. Angewandte Chemie - International Edition, 2018, 57, 5350-5354.	7.2	30
72	Asymmetric induction in photocatalysis â€“ Discovering a new side to light-driven chemistry. Tetrahedron Letters, 2018, 59, 1286-1294.	0.7	62

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73	Intramolecular Hydrogen Bond Activation: Thiourea-Organocatalyzed Enantioselective 1,3-Dipolar Cycloaddition of Salicylaldehyde-Derived Azomethine Ylides with Nitroalkenes. ACS Catalysis, 2018, 8, 1884-1890.	5.5	63
74	A General Asymmetric Formal Synthesis of Aza-Baylis-Hillman Type Products under Bifunctional Catalysis. Chemistry - A European Journal, 2018, 24, 3072-3072.	1.7	2
75	Asymmetric Synthesis of Secondary and Tertiary Propargylic Alcohols by Umpolung of Acetylenic Sulfones and ortho-Sulfinyl Carbanions. Journal of Organic Chemistry, 2018, 83, 1940-1947.	1.7	10
76	Bioinspired Electroâ€Organocatalytic Material Efficient for Hydrogen Production. Chemistry - A European Journal, 2018, 24, 3305-3313.	1.7	6
77	2â€Hydroxybenzophenone as a Chemical Auxiliary for the Activation of Ketiminoesters for Highly Enantioselective Addition to Nitroalkenes under Bifunctional Catalysis. Angewandte Chemie, 2018, 130, 5448-5452.	1.6	12
78	A General Asymmetric Formal Synthesis of Azaâ€Baylisâ€“Hillman Type Products under Bifunctional Catalysis. Chemistry - A European Journal, 2018, 24, 3117-3121.	1.7	23
79	Asymmetric synthesis of Rauhutâ€“Currier-type esters via Mukaiyamaâ€“Michael reaction to acylphosphonates under bifunctional catalysis. Chemical Communications, 2018, 54, 13941-13944.	2.2	9
80	Asymmetric [2,3]-Wittig Rearrangement: Synthesis of Homoallylic, Allenylic, and Enynyl Î±-Benzyl Alcohols. Organic Letters, 2018, 20, 8047-8051.	2.4	13
81	A Bifunctional Photoaminocatalyst for the Alkylation of Aldehydes: Design, Analysis, and Mechanistic Studies. ACS Catalysis, 2018, 8, 5928-5940.	5.5	46
82	Development and Application of Asymmetric Organocatalytic Mukaiyama and Vinylogous Mukaiyamaâ€Type Reactions. Chemistry - A European Journal, 2018, 24, 10906-10933.	1.7	43
83	Frontispiece: Development and Application of Asymmetric Organocatalytic Mukaiyama and Vinylogous Mukaiyama-Type Reactions. Chemistry - A European Journal, 2018, 24, .	1.7	0
84	Squaramideâ€RMOFâ€16 Analogue for Catalysis of Solventâ€Free, Epoxide Ringâ€Opening Tandem and Multicomponent Reactions. ChemCatChem, 2018, 10, 3995-3998.	1.8	13
85	Novel Oxidative Ugi Reaction for the Synthesis of Highly Active, Visibleâ€Light, Imideâ€Acridinium Organophotocatalysts. Chemistry - A European Journal, 2018, 24, 12509-12514.	1.7	33
86	Visibleâ€Light Photocatalytic Intramolecular Cyclopropane Ring Expansion. Angewandte Chemie - International Edition, 2017, 56, 7826-7830.	7.2	47
87	Visibleâ€Light Photocatalytic Intramolecular Cyclopropane Ring Expansion. Angewandte Chemie, 2017, 129, 7934-7938.	1.6	8
88	Asymmetric radical alkylation of N-sulfinimines under visible light photocatalytic conditions. Chemical Communications, 2017, 53, 7764-7767.	2.2	50
89	â€œAnti-Michael additionâ€•of Grignard reagents to sulfonylacetylenes: synthesis of alkynes. Organic and Biomolecular Chemistry, 2017, 15, 3901-3908.	1.5	8
90	Mechanistic added value of a trans-Sulfonamide-Platinum-Complex in human melanoma cell lines and synergism with cis-Platin. Molecular Cancer, 2017, 16, 45.	7.9	12

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91	Asymmetric Synthesis of Rauhutâ€“Currier type Products by a Regioselective Mukaiyama Reaction under Bifunctional Catalysis. Journal of the American Chemical Society, 2017, 139, 672-679.	6.6	57
92	Thiolâ€“ene/oxidation tandem reaction under visible light photocatalysis: synthesis of alkyl sulfoxides. Chemical Communications, 2017, 53, 10463-10466.	2.2	60
93	Effect of electronic and steric properties of 8-substituted quinolines in gold(III) complexes: Synthesis, electrochemistry, stability, interactions and antiproliferative studies. Journal of Inorganic Biochemistry, 2017, 174, 111-118.	1.5	16
94	Synthesis of 3â€Benzazepines by Metalâ€Free Oxidative Câ€“H Bond Functionalizationâ€“Ring Expansion Tandem Reaction. Advanced Synthesis and Catalysis, 2016, 358, 4049-4056.	2.1	32
95	Pt(<scp>ii</scp>) coordination complexes as visible light photocatalysts for the oxidation of sulfides using batch and flow processes. Chemical Communications, 2016, 52, 9137-9140.	2.2	79
96	Monoâ€and Bimetallic Alkynyl Metallocenes and Halfâ€Sandwich Complexes: A Simple and Versatile Synthetic Approach. Chemistry - A European Journal, 2016, 22, 15645-15649.	1.7	7
97	Weakly bounded intermediates as a previous step towards highly-enantioselective iminium type additions of Î²-keto-sulfoxides and -sulfones. Journal of Molecular Catalysis A, 2016, 423, 308-318.	4.8	9
98	Stereodivergent Aminocatalytic Synthesis of Z - and E -Trisubstituted Double Bonds from Alkynals. Chemistry - A European Journal, 2016, 22, 16329-16329.	1.7	0
99	Stereodivergent Aminocatalytic Synthesis of Zâ€and Eâ€Trisubstituted Double Bonds from Alkynals. Chemistry - A European Journal, 2016, 22, 16467-16477.	1.7	4
100	Old tricks, new dogs: organocatalytic dienamine activation of Î±,Î²-unsaturated aldehydes. Chemical Society Reviews, 2016, 45, 6812-6832.	18.7	140
101	Asymmetric Synthesis of 1,2-Diamines bearing Tetrasubstituted Centers from Nonstabilized Azomethine Ylides and N-Sulfinylketimines under BrÃ¸nsted Acid Catalysis. Organic Letters, 2016, 18, 92-95.	2.4	25
102	Oneâ€Pot Asymmetric Synthesis of Cyclopropanes with Quaternary Centers Starting From Bromonitroalkenes under Aminocatalytic Conditions. ChemPlusChem, 2015, 80, 1595-1600.	1.3	9
103	Oxidative Cï£¿H Bond Functionalization and Ring Expansion with TMSCHN₂: A Copper(I)â€Catalyzed Approach to Dibenzoxepines and Dibenzoazepines. Angewandte Chemie - International Edition, 2015, 54, 5049-5053.	7.2	50
104	Dienamine and Friedelâ€“Crafts Oneâ€Pot Synthesis, and Antitumor Evaluation of Diheteroarylalkanals. Chemistry - A European Journal, 2015, 21, 8237-8241.	1.7	22
105	Synthesis of Enantiopure 1,5â€Enynes and 1,5â€Diynes with Propargylic Quaternary Centers. European Journal of Organic Chemistry, 2015, 2015, 3314-3319.	1.2	7
106	Inter- and Intramolecular Dienamine Organocatalytic Strategies for the Synthesis of Tetrahydroisoquinolines and Tricyclic Derivatives via [3+2] and [4+2] Cycloadditions. Synlett, 2015, 26, 1940-1954.	1.0	13
107	Gold(III) complexes with hydroxyquinoline, aminoquinoline and quinoline ligands: Synthesis, cytotoxicity, DNA and protein binding studies. Journal of Inorganic Biochemistry, 2015, 153, 339-345.	1.5	27
108	A straightforward alkynylation of Li and Mg metalated heterocycles with sulfonylacetylenes. Chemical Communications, 2015, 51, 346-349.	2.2	19

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109	[8+2] Formal Cycloaddition Reactions of Tropones with Azlactones under BrÃ¸nsted Acid Catalysis and Synthesis of Î±â€(2â€Tropyl), Î±â€Alkyl Î±â€Amino Acids. European Journal of Organic Chemistry, 2014, 2014, 1395-1400.	1.2	29
110	Evaluation of novel trans-sulfonamide platinum complexes against tumor cell lines. European Journal of Medicinal Chemistry, 2014, 76, 360-368.	2.6	22
111	Sulfonyl Acetylenes as Alkynylating Reagents Under Radical or Anionic Conditions. European Journal of Organic Chemistry, 2014, 2014, 1577-1588.	1.2	35
112	Control of the Dual Reactivity (Iminium-Dienamine) of Î²-Arylmethyl Î±,Î²-Unsaturated Aldehydes in Organocatalytic 1,3-Dipolar Cycloadditions with N-Benzoyl C,N-Cyclic Azomethine Imines. Journal of Organic Chemistry, 2014, 79, 10417-10433.	1.7	50
113	Organocatalytic transformations of alkynals, alkynones, propriolates, and related electron-deficient alkynes. Tetrahedron, 2014, 70, 9145-9173.	1.0	72
114	Highly Enantioselective Construction of Tricyclic Derivatives by the Desymmetrization of Cyclohexadienones. Angewandte Chemie - International Edition, 2014, 53, 8184-8189.	7.2	68
115	1,4-Michael additions of cyclic-Î²-ketoesters catalyzed by DNA in aqueous media. Catalysis Communications, 2014, 44, 10-14.	1.6	4
116	Novel clioquinol and its analogous platinum complexes: importance, role of the halogen substitution and the hydroxyl group of the ligand. Dalton Transactions, 2013, 42, 13343.	1.6	62
117	Expanding the synthesis of new trans-sulfonamide platinum complexes: Cytotoxicity, SAR, fluorescent cell assays and stability studies. Journal of Inorganic Biochemistry, 2013, 127, 128-140.	1.5	17
118	Asymmetric synthesis of trans-dihydroarylfurans in a Friedelâ€“Crafts/substitution domino reaction under squaramide catalysis. Chemical Communications, 2013, 49, 2001.	2.2	84
119	Arylsulfonylacetylenes as Alkynylating Reagents. Phosphorus, Sulfur and Silicon and the Related Elements, 2013, 188, 403-407.	0.8	2
120	Applications of asymmetric organocatalysis in medicinal chemistry. Chemical Society Reviews, 2013, 42, 774-793.	18.7	374
121	Synthesis of Alkylâ€Ynolâ€Ethers by â€œAntiâ€Michael Additionâ€•of Metal Alkoxides to Î²â€Substituted Alkynylsulfones. European Journal of Organic Chemistry, 2013, 2013, 4405-4409.	1.2	16
122	New Methods in Organic Synthesis Through Copper-Catalyzed Borylation Reactions: Stereoselective Synthesis of 1,4-Diols and Vinylboronates. Synlett, 2013, 24, 804-812.	1.0	8
123	Metallic organophosphates as catalysts in asymmetric synthesis: a return journey. Organic and Biomolecular Chemistry, 2012, 10, 5001.	1.5	81
124	Copper(I)-Catalyzed Formal Carboboration of Alkynes: Synthesis of Tri- and Tetrasubstituted Vinylboronates. Journal of the American Chemical Society, 2012, 134, 15165-15168.	6.6	231
125	Asymmetric Synthesis of Cyclobutanes by a Formal [2+2] Cycloaddition Controlled by Dienamine Catalysis. Angewandte Chemie - International Edition, 2012, 51, 9734-9736.	7.2	44
126	Enantioselective aza-Henry reactions of cyclic Î±-carbonyl ketimines under bifunctional catalysis. Chemical Communications, 2012, 48, 9759.	2.2	100

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127	Asymmetric Intramolecular Pausonâ€“Khand Reaction Mediated by a Remote Sulfenyl or Sulfinyl Group. Journal of Organic Chemistry, 2012, 77, 6583-6599.	1.7	11
128	Enantioselective Synthesis of 4â€Isoxazolines by 1,3â€Dipolar Cycloadditions of Nitrones to Alkynals Catalyzed by Fluorodiphenylmethylpyrrolidines. Advanced Synthesis and Catalysis, 2012, 354, 1665-1671.	2.1	46
129	Arylsulfonylacetylenes as Alkynylating Reagents of Cï£¿H Bonds Activated with Lithium Bases. Angewandte Chemie - International Edition, 2012, 51, 2712-2716.	7.2	56
130	Modular Threeâ€Component Organocatalytic Synthesis of 3,4â€Disubstituted Pyrroles by a Oneâ€Pot Domino Reaction. ChemCatChem, 2012, 4, 976-979.	1.8	19
131	Expanding the Scope of Arylsulfonylacetylenes as Alkynylating Reagents and Mechanistic Insights in the Formation of Csp²ï£¿Csp and Csp³ï£¿Csp Bonds from Organolithiums. Chemistry - A European Journal, 2012, 18, 8414-8422.	1.7	42
132	Highly Stereoselective Synthesis of Tertiary Propargylic Centers and Their Isomerization to Enantiomerically Enriched Allenes. Chemistry - A European Journal, 2012, 18, 9775-9779.	1.7	22
133	Tandem Cyclizationâ€“Michael Reaction by Combination of Metal- and Organocatalysis. Journal of Organic Chemistry, 2011, 76, 7287-7293.	1.7	18
134	Asymmetric Synthesis of Î±-Alkyl Î±-Selenocarbonyl Compounds Catalyzed by Bifunctional Organocatalysts. Organic Letters, 2011, 13, 3052-3055.	2.4	54
135	Novel N-sulfonamide trans-platinum complexes: synthesis, reactivity and in vitro evaluation. MedChemComm, 2011, 2, 789.	3.5	23
136	Asymmetric synthesis of quaternary Î±-amino acid derivatives and their fluorinated analogues. Amino Acids, 2011, 41, 559-573.	1.2	16
137	Synthesis of Chiral Cyclic Nitrones by Asymmetric Addition of Î²â€Ketosulfones to Nitroalkenes followed by Reductive Cyclization. Chemistry - A European Journal, 2011, 17, 984-992.	1.7	41
138	Complete Stereocontrol in Organocatalytic Additions of Î²â€Ketosulfoxides to Conjugated Aldehydes. Chemistry - A European Journal, 2011, 17, 4030-4037.	1.7	12
139	Squaramides: Bridging from Molecular Recognition to Bifunctional Organocatalysis. Chemistry - A European Journal, 2011, 17, 6890-6899.	1.7	641
140	Synthesis of 4-Hydroxy-4H-chromenes by Reaction of Salicylic Aldehydes with Alkynals Catalyzed by Silyl Prolinol Ethers. Synthesis, 2011, 2011, 1840-1846.	1.2	26
141	Anticancer platinum complexes as non-innocent compounds for catalysis in aqueous media. Chemical Communications, 2010, 46, 454-456.	2.2	39
142	Influence of the Reaction Conditions on the Evolution of the Michael Addition of Î²â€Keto Sulfones to Î±,Î²â€Unsaturated Aldehydes. European Journal of Organic Chemistry, 2010, 2010, 4482-4491.	1.2	19
143	Synthesis of Unfunctionalized Carbonated Fragments Containing Two Vicinal Chiral Centers: Stereocontrolled Benzylation of Vinylsulfones Mediated by a Remote Sulfinyl Group. Chemistry - A European Journal, 2010, 16, 8968-8971.	1.7	19
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