

# 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	Squaramides: Bridging from Molecular Recognition to Bifunctional Organocatalysis. Chemistry - A European Journal, 2011, 17, 6890-6899.	1.7	641
2	Applications of asymmetric organocatalysis in medicinal chemistry. Chemical Society Reviews, 2013, 42, 774-793.	18.7	374
3	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
4	Asymmetric Organocatalytic $\alpha$ -Arylation of Aldehydes. Angewandte Chemie - International Edition, 2007, 46, 5520-5523.	7.2	174
5	Organocatalytic Asymmetric Synthesis of $\alpha,\beta$ -Disubstituted $\alpha$ -Amino Acids and Derivatives. Journal of the American Chemical Society, 2008, 130, 12031-12037.	6.6	173
6	Organocatalytic Asymmetric Direct $\alpha$ -Alkynylation of Cyclic $\beta$ -Ketoesters. Journal of the American Chemical Society, 2007, 129, 441-449.	6.6	153
7	Old tricks, new dogs: organocatalytic dienamine activation of $\alpha,\beta$ -unsaturated aldehydes. Chemical Society Reviews, 2016, 45, 6812-6832.	18.7	140
8	Efficient synthesis of disulfides by air oxidation of thiols under sonication. Green Chemistry, 2008, 10, 706.	4.6	137
9	An Unexpected Organocatalytic Asymmetric Tandem Michael/Morita-Baylis-Hillman Reaction. Angewandte Chemie - International Edition, 2008, 47, 121-125.	7.2	130
10	Asymmetric 1,4-Addition of Oxazolones to Nitroalkenes by Bifunctional Cinchona Alkaloid Thiourea Organocatalysts: Synthesis of $\alpha,\beta$ -Disubstituted $\alpha$ -Amino Acids. Chemistry - A European Journal, 2008, 14, 10958-10966.	1.7	110
11	Enantioselective aza-Henry reactions of cyclic $\alpha$ -carbonyl ketimines under bifunctional catalysis. Chemical Communications, 2012, 48, 9759.	2.2	100
12	A General Method for the Preparation of $N$ -Sulfonyl Aldimines and Ketimines. Organic Letters, 2005, 7, 179-182.	2.4	98
13	Organocatalytic Highly Enantioselective $\alpha$ -Arylation of $\beta$ -Ketoesters. Angewandte Chemie - International Edition, 2007, 46, 5515-5519.	7.2	94
14	Asymmetric synthesis of trans-dihydroaryl furans in a Friedel-Crafts/substitution domino reaction under squaramide catalysis. Chemical Communications, 2013, 49, 2001.	2.2	84
15	Metallic organophosphates as catalysts in asymmetric synthesis: a return journey. Organic and Biomolecular Chemistry, 2012, 10, 5001.	1.5	81
16	Pt( $\eta^2$ ) 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
17	Asymmetric Synthesis of $\alpha$ -Amino- $\gamma$ -Chromenes by Organocatalytic Oxa-Michael/Aza-Baylis-Hillman Tandem Reactions. Chemistry - A European Journal, 2010, 16, 9453-9456.	1.7	78
18	Organocatalytic asymmetric vinylogous addition to quinones - formation of optically active $\alpha$ -aryl ketones. Chemical Communications, 2008, , 632-634.	2.2	74

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19	Organocatalytic transformations of alkynals, alkynones, propiolates, and related electron-deficient alkynes. <i>Tetrahedron</i> , 2014, 70, 9145-9173.	1.0	72
20	Visible light photocatalysis " from racemic to asymmetric activation strategies. <i>Chemical Communications</i> , 2020, 56, 11169-11190.	2.2	71
21	Highly Enantioselective Construction of Tricyclic Derivatives by the Desymmetrization of Cyclohexadienones. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8184-8189.	7.2	68
22	Incorporation of photocatalytic Pt(II) complexes into imine-based layered covalent organic frameworks (COFs) through monomer truncation strategy. <i>Applied Catalysis B: Environmental</i> , 2020, 272, 119027.	10.8	64
23	Intramolecular Hydrogen Bond Activation: Thiourea-Organocatalyzed Enantioselective 1,3-Dipolar Cycloaddition of Salicylaldehyde-Derived Azomethine Ylides with Nitroalkenes. <i>ACS Catalysis</i> , 2018, 8, 1884-1890.	5.5	63
24	Facile Synthesis of Optically Pure 1,2-Diaryl (and 1-Alkyl-2-aryl) Ethyl and Propylamines. <i>Organic Letters</i> , 2003, 5, 677-680.	2.4	62
25	Novel clioquinol and its analogous platinum complexes: importance, role of the halogen substitution and the hydroxyl group of the ligand. <i>Dalton Transactions</i> , 2013, 42, 13343.	1.6	62
26	Asymmetric induction in photocatalysis " Discovering a new side to light-driven chemistry. <i>Tetrahedron Letters</i> , 2018, 59, 1286-1294.	0.7	62
27	Thiol"ene/oxidation tandem reaction under visible light photocatalysis: synthesis of alkyl sulfoxides. <i>Chemical Communications</i> , 2017, 53, 10463-10466.	2.2	60
28	One"Pot Synthesis of Pentasubstituted Cyclohexanes by a Michael Addition Followed by a Tandem Inter"Intra Double Henry Reaction. <i>Chemistry - A European Journal</i> , 2009, 15, 6576-6580.	1.7	59
29	Imine"Based Covalent Organic Frameworks as Photocatalysts for Metal Free Oxidation Processes under Visible Light Conditions. <i>ChemCatChem</i> , 2019, 11, 4916-4922.	1.8	59
30	Photoredox Heterobimetallic Dual Catalysis Using Engineered Covalent Organic Frameworks. <i>ACS Catalysis</i> , 2021, 11, 12344-12354.	5.5	59
31	"" Stacking versus Steric Effects in Stereoselectivity Control: Highly Diastereoselective Synthesis of syn-1,2-Diarylpropylamines. <i>Chemistry - A European Journal</i> , 2007, 13, 6179-6195.	1.7	57
32	Asymmetric Synthesis of Rauhut"Carrier type Products by a Regioselective Mukaiyama Reaction under Bifunctional Catalysis. <i>Journal of the American Chemical Society</i> , 2017, 139, 672-679.	6.6	57
33	Arylsulfonylacetylenes as Alkynylating Reagents of C"iH Bonds Activated with Lithium Bases. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2712-2716.	7.2	56
34	Asymmetric Synthesis of "Alkyl "Selenocarbonyl Compounds Catalyzed by Bifunctional Organocatalysts. <i>Organic Letters</i> , 2011, 13, 3052-3055.	2.4	54
35	Anionic"Anionic Asymmetric Tandem Reactions: One"Pot Synthesis of Optically Pure Fluorinated Indolines from 2"p</i>"Tolylsulfinyl Alkylbenzenes. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7941-7944.	7.2	53
36	Stereocontrolled Reactions Mediated by a Remote Sulfoxide Group:"% Synthesis of Optically Pure anti-"Amino Alcohols. <i>Organic Letters</i> , 2003, 5, 4513-4516.	2.4	51

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37	A New General Method for the Preparation of N-Sulfonyloxaziridines. <i>Organic Letters</i> , 2005, 7, 5493-5496.	2.4	50
38	Control of the Dual Reactivity (Iminium-Dienamine) of $\beta$ -Arylmethyl $\alpha,\beta$ -Unsaturated Aldehydes in Organocatalytic 1,3-Dipolar Cycloadditions with <i>N</i> -Benzoyl <i>C,N</i> -Cyclic Azomethine Imines. <i>Journal of Organic Chemistry</i> , 2014, 79, 10417-10433.	1.7	50
39	Oxidative C-H Bond Functionalization and Ring Expansion with TMSCHN <sub>2</sub> : A Copper(I)-Catalyzed Approach to Dibenzoxepines and Dibenzazepines. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5049-5053.	7.2	50
40	Asymmetric radical alkylation of N-sulfinimines under visible light photocatalytic conditions. <i>Chemical Communications</i> , 2017, 53, 7764-7767.	2.2	50
41	Asymmetric Aza-Henry Reactions from <i>N</i> - <i>p</i> -Tolylsulfinylimines. <i>Organic Letters</i> , 2005, 7, 4407-4410.	2.4	49
42	$\alpha$ -Functionalization of Imines via Visible Light Photoredox Catalysis. <i>Catalysts</i> , 2020, 10, 562.	1.6	48
43	Monoalkylation of primary amines and N-sulfinylamides. <i>Chemical Communications</i> , 2009, , 404-406.	2.2	47
44	Visible-Light Photocatalytic Intramolecular Cyclopropane Ring Expansion. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7826-7830.	7.2	47
45	Metal-Organic Frameworks (MOFs) and Covalent Organic Frameworks (COFs) Applied to Photocatalytic Organic Transformations. <i>Catalysts</i> , 2020, 10, 720.	1.6	47
46	Enantioselective Synthesis of $\alpha$ -isoxazolines by 1,3-Dipolar Cycloadditions of Nitrones to Alkynals Catalyzed by Fluorodiphenylmethylpyrrolidines. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 1665-1671.	2.1	46
47	A Bifunctional Photoaminocatalyst for the Alkylation of Aldehydes: Design, Analysis, and Mechanistic Studies. <i>ACS Catalysis</i> , 2018, 8, 5928-5940.	5.5	46
48	Conjugated porous polymer based on BOPHY dyes as photocatalyst under visible light. <i>Applied Catalysis B: Environmental</i> , 2019, 258, 117933.	10.8	46
49	Asymmetric Synthesis of Cyclobutanes by a Formal [2+2] Cycloaddition Controlled by Dienamine Catalysis. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9734-9736.	7.2	44
50	Highly Stereoselective Benzoylation of N-Sulfinylketimines. <i>Journal of the American Chemical Society</i> , 2005, 127, 13048-13054.	6.6	43
51	The organocatalytic addition of bis(arylsulfonyl)methane to $\alpha,\beta$ -unsaturated aldehydes and the synthesis of optically-enriched 3-methyl-alkanols. <i>Chemical Communications</i> , 2009, , 4435.	2.2	43
52	Development and Application of Asymmetric Organocatalytic Mukaiyama and Vinylogous Mukaiyama-Type Reactions. <i>Chemistry - A European Journal</i> , 2018, 24, 10906-10933.	1.7	43
53	Expanding the Scope of Arylsulfonylacetylenes as Alkynylating Reagents and Mechanistic Insights in the Formation of Csp <sup>2</sup> -Csp and Csp <sup>3</sup> -Csp Bonds from Organolithiums. <i>Chemistry - A European Journal</i> , 2012, 18, 8414-8422.	1.7	42
54	Organocatalytic asymmetric $\alpha$ -anti-Michael-reaction of $\beta$ -ketoesters. <i>Chemical Communications</i> , 2007, , 3921.	2.2	41

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55	Synthesis of Chiral Cyclic Nitrones by Asymmetric Addition of $\alpha$ -Ketosulfones to Nitroalkenes followed by Reductive Cyclization. <i>Chemistry - A European Journal</i> , 2011, 17, 984-992.	1.7	41
56	Highly Stereoselective Vinylogous Pummerer Reaction Mediated by Me <sub>3</sub> SiX. <i>Organic Letters</i> , 2005, 7, 19-22.	2.4	39
57	Anticancer platinum complexes as non-innocent compounds for catalysis in aqueous media. <i>Chemical Communications</i> , 2010, 46, 454-456.	2.2	39
58	A New Strategy for the Synthesis of Optically Pure $\beta$ -Fluoroalkyl $\beta$ -Amino Acid Derivatives. <i>Organic Letters</i> , 2009, 11, 641-644.	2.4	38
59	Chromoselective access to Z- or E- allylated amines and heterocycles by a photocatalytic allylation reaction. <i>Nature Communications</i> , 2019, 10, 2634.	5.8	38
60	Asymmetric Synthesis of $\beta$ -Trifluoromethylthio- $\beta$ -Amino Acids under Phase Transfer Catalysis. <i>Organic Letters</i> , 2020, 22, 219-223.	2.4	38
61	Sulfonyl Acetylenes as Alkynylating Reagents Under Radical or Anionic Conditions. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 1577-1588.	1.2	35
62	Intramolecular Homolytic Substitution Enabled by Photoredox Catalysis: Sulfur, Phosphorus, and Silicon Heterocycle Synthesis from Aryl Halides. <i>Organic Letters</i> , 2019, 21, 5295-5300.	2.4	34
63	Enantioselective Aminocatalytic [2 + 2] Cycloaddition through Visible Light Excitation. <i>ACS Catalysis</i> , 2020, 10, 5335-5346.	5.5	34
64	Novel Oxidative Ugi Reaction for the Synthesis of Highly Active, Visible-Light, Imide-Acrinium Organophotocatalysts. <i>Chemistry - A European Journal</i> , 2018, 24, 12509-12514.	1.7	33
65	Synthesis of $\beta$ -Benzazepines by Metal-Free Oxidative C-H Bond Functionalization-Ring Expansion Tandem Reaction. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 4049-4056.	2.1	32
66	Configurational Control of Benzyl Carbanion-Copper Complexes by Sulfinyl Groups: Synthesis of Optically Pure Allenes with Central and Axial Chirality. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6836-6839.	7.2	30
67	$\alpha$ -Hydroxybenzophenone as a Chemical Auxiliary for the Activation of Ketiminoesters for Highly Enantioselective Addition to Nitroalkenes under Bifunctional Catalysis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5350-5354.	7.2	30
68	Unlocking the direct photocatalytic difluoromethylation of C-N bonds. <i>Chemical Communications</i> , 2020, 56, 3769-3772.	2.2	30
69	[8+2] Formal Cycloaddition Reactions of Tropones with Azlactones under Brønsted Acid Catalysis and Synthesis of $\beta$ -Tropyl, $\beta$ -Alkyl $\beta$ -Amino Acids. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 1395-1400.	1.2	29
70	Organocatalytic Strategies for the Development of the Enantioselective Inverse-Electron-demand Hetero-Diels-Alder Reaction. <i>Chemistry - A European Journal</i> , 2021, 27, 12509-12520.	1.7	29
71	Preparation of $\beta$ -amino ketones, $\beta$ -amino hydroxylamines using asymmetric aza-Henry reactions of N-p-tolylsulfinylimines with nitroethane. <i>Tetrahedron</i> , 2006, 62, 12197-12203.	1.0	28
72	In vitro and in vivo anticancer effects of two quinoline-platinum(II) complexes on human osteosarcoma models. <i>Cancer Chemotherapy and Pharmacology</i> , 2019, 83, 681-692.	1.1	28

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73	Recent Visible Light and Metal Free Strategies in [2+2] and [4+2] Photocycloadditions. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 3303-3321.	1.2	28
74	Gold(III) complexes with hydroxyquinoline, aminoquinoline and quinoline ligands: Synthesis, cytotoxicity, DNA and protein binding studies. <i>Journal of Inorganic Biochemistry</i> , 2015, 153, 339-345.	1.5	27
75	Asymmetric vinylogous Mukaiyama aldol reaction of isatins under bifunctional organocatalysis: enantioselective synthesis of substituted 3-hydroxy-2-oxindoles. <i>Chemical Communications</i> , 2018, 54, 2781-2784.	2.2	27
76	Synthesis of 4-Hydroxy-4H-chromenes by Reaction of Salicylic Aldehydes with Alkynals Catalyzed by Silyl Prolinol Ethers. <i>Synthesis</i> , 2011, 2011, 1840-1846.	1.2	26
77	8-Mercaptoquinoline as a Ligand for Enhancing the Photocatalytic Activity of Pt(II) Coordination Complexes: Reactions and Mechanistic Insights. <i>Journal of Organic Chemistry</i> , 2019, 84, 6437-6447.	1.7	26
78	Asymmetric Synthesis of 1,2-Diamines bearing Tetrasubstituted Centers from Nonstabilized Azomethine Ylides and <i>N</i> -Sulfinylketimines under Brønsted Acid Catalysis. <i>Organic Letters</i> , 2016, 18, 92-95.	2.4	25
79	Stereoselective Addition of $\hat{\pm}$ -Sulfinyl Carbanions to <i>N</i> - <i>p</i> -tolylsulfinylketimines: $\hat{\Delta}$ Synthesis of Optically Pure 1,2- $\hat{\Delta}$ -Trialkyl-2-aminoethanols. <i>Journal of Organic Chemistry</i> , 2004, 69, 4454-4463.	1.7	24
80	Novel <i>N</i> -sulfonamide trans-platinum complexes: synthesis, reactivity and in vitro evaluation. <i>MedChemComm</i> , 2011, 2, 789.	3.5	23
81	A General Asymmetric Formal Synthesis of Aza-Baylis-Hillman Type Products under Bifunctional Catalysis. <i>Chemistry - A European Journal</i> , 2018, 24, 3117-3121.	1.7	23
82	New reactions of anticancer-platinum complexes and their intriguing behaviour under various experimental conditions. <i>Dalton Transactions</i> , 2010, 39, 10601.	1.6	22
83	Highly Stereoselective Synthesis of Tertiary Propargylic Centers and Their Isomerization to Enantiomerically Enriched Allenes. <i>Chemistry - A European Journal</i> , 2012, 18, 9775-9779.	1.7	22
84	Evaluation of novel trans-sulfonamide platinum complexes against tumor cell lines. <i>European Journal of Medicinal Chemistry</i> , 2014, 76, 360-368.	2.6	22
85	Dienamine and Friedel-Crafts One-Pot Synthesis, and Antitumor Evaluation of Diheteroarylalkanal. <i>Chemistry - A European Journal</i> , 2015, 21, 8237-8241.	1.7	22
86	Visible light photocatalytic asymmetric synthesis of pyrrolo[1,2- <i>a</i> ]indoles via intermolecular [3+2] cycloaddition. <i>Chemical Communications</i> , 2019, 55, 11303-11306.	2.2	22
87	Oxidative Addition of Pd(0) to $\hat{\Delta}$ SO <sub>2</sub> R Bonds: Heck-Type Reactions of Sulfones. <i>Organic Letters</i> , 2006, 8, 2683-2686.	2.4	20
88	Multifunctional carbon nanotubes covalently coated with imine-based covalent organic frameworks: exploring structure-property relationships through nanomechanics. <i>Nanoscale</i> , 2020, 12, 1128-1137.	2.8	20
89	Fluorinated Sulfinates as Source of Alkyl Radicals in the Photo-Enantiocontrolled $\hat{\Delta}$ -Functionalization of Enals. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202112632.	7.2	20
90	Synthesis of chiral ortho-( <i>p</i> -tolylsulfinyl) benzyl ketones. <i>Tetrahedron</i> , 2004, 60, 10067-10075.	1.0	19

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91	Influence of the Reaction Conditions on the Evolution of the Michael Addition of $\alpha,\beta$ -Unsaturated Aldehydes. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 4482-4491.	1.2	19
92	Synthesis of Unfunctionalized Carbonated Fragments Containing Two Vicinal Chiral Centers: Stereocontrolled Benzoylation of Vinylsulfones Mediated by a Remote Sulfinyl Group. <i>Chemistry - A European Journal</i> , 2010, 16, 8968-8971.	1.7	19
93	Modular Three-Component Organocatalytic Synthesis of 3,4-Disubstituted Pyrroles by a One-Pot Domino Reaction. <i>ChemCatChem</i> , 2012, 4, 976-979.	1.8	19
94	A straightforward alkylation of Li and Mg metalated heterocycles with sulfonylacetylenes. <i>Chemical Communications</i> , 2015, 51, 346-349.	2.2	19
95	Enantioselective Conjugate Azidation of $\alpha,\beta$ -Unsaturated Ketones under Bifunctional Organocatalysis by Direct Activation of TMSN <sub>3</sub> . <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4790-4796.	2.1	19
96	Enhancing Visible-Light Photocatalysis via Endohedral Functionalization of Single-Walled Carbon Nanotubes with Organic Dyes. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 24877-24886.	4.0	19
97	A Novel Asymmetric Vinyllogous Tin-Pummerer Rearrangement. <i>Organic Letters</i> , 2004, 6, 1757-1760.	2.4	18
98	Tandem Cyclization-Michael Reaction by Combination of Metal- and Organocatalysis. <i>Journal of Organic Chemistry</i> , 2011, 76, 7287-7293.	1.7	18
99	Expanding the synthesis of new trans-sulfonamide platinum complexes: Cytotoxicity, SAR, fluorescent cell assays and stability studies. <i>Journal of Inorganic Biochemistry</i> , 2013, 127, 128-140.	1.5	17
100	Metal-free visible light-promoted synthesis of isothiazoles: a catalytic approach for N=S bond formation from iminyl radicals under batch and flow conditions. <i>Green Chemistry</i> , 2020, 22, 6792-6797.	4.6	17
101	Organocatalytic vs. Ru-based electrochemical hydrogenation of nitrobenzene in competition with the hydrogen evolution reaction. <i>Dalton Transactions</i> , 2020, 49, 6446-6456.	1.6	17
102	Enantioselective Inverse-Electron Demand Aza-Diels-Alder Reaction: ipso-Selectivity of Silyl Dienol Ethers. <i>ACS Catalysis</i> , 2021, 11, 12133-12145.	5.5	17
103	Asymmetric synthesis of cyclic $\alpha$ -amino carbonyl derivatives by a formal [3 + 2] photocycloaddition. <i>Chemical Communications</i> , 2022, 58, 1334-1337.	2.2	17
104	Asymmetric synthesis of quaternary $\alpha$ -amino acid derivatives and their fluorinated analogues. <i>Amino Acids</i> , 2011, 41, 559-573.	1.2	16
105	Synthesis of Alkyl Ethers by Anti-Michael Addition of Metal Alkoxides to $\alpha,\beta$ -Substituted Alkynylsulfones. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4405-4409.	1.2	16
106	Effect of electronic and steric properties of 8-substituted quinolines in gold(III) complexes: Synthesis, electrochemistry, stability, interactions and antiproliferative studies. <i>Journal of Inorganic Biochemistry</i> , 2017, 174, 111-118.	1.5	16
107	Size-selective mesoporous silica-based Pt(II) complex as efficient and reusable photocatalytic material. <i>Journal of Catalysis</i> , 2019, 373, 374-383.	3.1	16
108	BODIPY as electron withdrawing group for the activation of double bonds in asymmetric cycloaddition reactions. <i>Chemical Science</i> , 2019, 10, 4346-4351.	3.7	16

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109	Tuning the Activity–Stability Balance of Photocatalytic Organic Materials for Oxidative Coupling Reactions. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 16258-16268.	4.0	16
110	Complete Regio- and Stereoselectivity Control in the Halohydroxylation of Non-activated Allenes Mediated by a Remote Sulfinyl Group. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3155-3157.	7.2	15
111	Light-Driven Enantioselective Synthesis of Pyrroline Derivatives by a Radical/Polar Cascade Reaction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4555-4560.	7.2	15
112	Asymmetric [2+2] photocycloaddition via charge transfer complex for the synthesis of tricyclic chiral ethers. <i>Chemical Communications</i> , 2021, 57, 3046-3049.	2.2	14
113	General electrochemical Minisci alkylation of <i>N</i> -heteroarenes with alkyl halides. <i>Chemical Science</i> , 2022, 13, 6512-6518.	3.7	14
114	Inter- and Intramolecular Dienamine Organocatalytic Strategies for the Synthesis of Tetrahydroisoquinolines and Tricyclic Derivatives via [3+2] and [4+2] Cycloadditions. <i>Synlett</i> , 2015, 26, 1940-1954.	1.0	13
115	Asymmetric [2,3]-Wittig Rearrangement: Synthesis of Homoallylic, Allenylic, and Enynyl $\pm$ -Benzyl Alcohols. <i>Organic Letters</i> , 2018, 20, 8047-8051.	2.4	13
116	Squaramide-MOF-16 Analogue for Catalysis of Solvent-Free, Epoxide Ring-Opening Tandem and Multicomponent Reactions. <i>ChemCatChem</i> , 2018, 10, 3995-3998.	1.8	13
117	Visible Light Photocatalytic Synthesis of Tetrahydroquinolines Under Batch and Flow Conditions. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 5995-5999.	1.2	13
118	Anchoring of 10-phenylphenothiazine to mesoporous silica materials: A water compatible organic photocatalyst for the degradation of pollutants. <i>Journal of Materials Science and Technology</i> , 2022, 103, 134-143.	5.6	13
119	Complete Stereocontrol in Organocatalytic Additions of $\beta$ -ketosulfoxides to Conjugated Aldehydes. <i>Chemistry - A European Journal</i> , 2011, 17, 4030-4037.	1.7	12
120	Mechanistic added value of a trans-Sulfonamide-Platinum-Complex in human melanoma cell lines and synergism with cis-Platin. <i>Molecular Cancer</i> , 2017, 16, 45.	7.9	12
121	2-Hydroxybenzophenone as a Chemical Auxiliary for the Activation of Ketiminoesters for Highly Enantioselective Addition to Nitroalkenes under Bifunctional Catalysis. <i>Angewandte Chemie</i> , 2018, 130, 5448-5452.	1.6	12
122	Heterogeneous catalysts with programmable topologies generated by reticulation of organocatalysts into metal-organic frameworks: The case of squaramide. <i>Nano Research</i> , 2021, 14, 458-465.	5.8	12
123	Asymmetric Intramolecular Pauson-Khand Reaction Mediated by a Remote Sulfenyl or Sulfinyl Group. <i>Journal of Organic Chemistry</i> , 2012, 77, 6583-6599.	1.7	11
124	Intramolecular hydrogen-bond activation for the addition of nucleophilic imines: 2-hydroxybenzophenone as a chemical auxiliary. <i>Chemical Communications</i> , 2018, 54, 3399-3402.	2.2	11
125	Visible light mediated photocatalytic [2+2] cycloaddition/ring-opening rearomatization cascade of electron-deficient azaarenes and vinylarenes. <i>Communications Chemistry</i> , 2020, 3, .	2.0	11
126	Intramolecular Hydrogen-Bond Activation: Strategies, Benefits, and Influence in Catalysis. <i>ACS Organic &amp; Inorganic Au</i> , 2022, 2, 197-204.	1.9	11



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127	Pre-designed Covalent Organic Frameworks as Effective Platforms for Pd(II) Coordination Enabling Cross-Coupling Reactions under Sustainable Conditions. <i>Advanced Sustainable Systems</i> , 2022, 6, .	2.7	11
128	Asymmetric Synthesis of Secondary and Tertiary Propargylic Alcohols by Umpolung of Acetylenic Sulfones and <i>ortho</i> -Sulfinyl Carbanions. <i>Journal of Organic Chemistry</i> , 2018, 83, 1940-1947.	1.7	10
129	Switching acidic and basic catalysis through supramolecular functionalization in a porous 3D covalent imine-based material. <i>Catalysis Science and Technology</i> , 2019, 9, 6007-6014.	2.1	10
130	Intramolecular Hydrogen Bond Activation of Aza-Methylene Imines in Hydrogen Bond Bifunctional Catalysis – A Density Functional Theory Study. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 574-581.	1.2	10
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