

# Manuel Alcarazo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5024915/publications.pdf>

Version: 2024-02-01

95  
papers

5,601  
citations

81900

39  
h-index

79698

73  
g-index

102  
all docs

102  
docs citations

102  
times ranked

3561  
citing authors

#	ARTICLE	IF	CITATIONS
1	Î±-Cationic Phosphines: from Curiosities to Powerful Ancillary Ligands. <i>Synlett</i> , 2022, 33, 16-26.	1.8	3
2	Enantioselective Synthesis of Dithia[5]helicenes and their Postsynthetic Functionalization to Access Dithia[9]helicenes. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	26
3	Enantioselective Synthesis of Dithia[5]helicenes and their Postsynthetic Functionalization to Access Dithia[9]helicenes. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	0
4	Î±-Diazo Sulfonium Triflates: Synthesis, Structure, and Application to the Synthesis of 1,2,3-triazoles. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6943-6948.	13.8	44
5	Î±-Diazo Sulfonium Triflates: Synthesis, Structure, and Application to the Synthesis of 1,2,3-triazoles. <i>Angewandte Chemie</i> , 2021, 133, 7019-7024.	2.0	4
6	Synthesis of 6-H-Benzo[ <i>c</i> ]chromene Scaffolds from <i>O</i> -Benzylated Phenols through a C-H Sulfenylation/Radical Cyclization Sequence. <i>Organic Letters</i> , 2021, 23, 1991-1995.	4.6	17
7	Reactivity of 5-(Alkynyl)dibenzothiophenium Salts: Synthesis of Dienes, Vinyl Sulfones, and Phenanthrenes. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 4038-4048.	2.4	12
8	Towards an Effective Synthesis of Difunctionalized Heptacyclo [6.6.0.0 2,6 .0 3,13 .0 4,11 .0 5,9 .0 10,14 ]tetradecane: Ligand Effects on the Cage Assembly and Selective C-H Arylation Reactions. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3546-3553.	4.3	5
9	Protein Conjugation by Electrophilic Alkynylation Using 5-(Alkynyl)dibenzothiophenium Triflates. <i>Bioconjugate Chemistry</i> , 2021, 32, 1570-1575.	3.6	15
10	In-Fjord Substitution in Expanded Helicenes: Effects of the Insert on the Inversion Barrier and Helical Pitch. <i>Chemistry - A European Journal</i> , 2021, 27, 13358-13366.	3.3	12
11	5-(Diarylimino)- and 5-(sulfoximido)dibenzothiophenium triflates: syntheses and applications as electrophilic aminating reagents. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 2941-2948.	2.8	6
12	Synthesis, Structure, and Reactivity of 5-(Aryl)dibenzothiophenium Triflates. <i>Angewandte Chemie</i> , 2020, 132, 1966-1971.	2.0	12
13	Synthesis, Structure, and Reactivity of 5-(Aryl)dibenzothiophenium Triflates. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1950-1955.	13.8	63
14	Gold-Catalyzed Atroposelective Synthesis of 1,1'-Binaphthalene-2,3'-diols. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5647-5650.	13.8	59
15	Enantioselective Synthesis of 1-Aryl Benzo[5]helicenes Using BINOL-Derived Cationic Phosphonites as Ancillary Ligands. <i>Angewandte Chemie</i> , 2020, 132, 23733-23737.	2.0	12
16	Two-Step Synthesis of Heptacyclo[6.6.0.0 <sup>2,6</sup> .0 <sup>3,13</sup> .0 <sup>4,11</sup> .0 <sup>5,9</sup> .0 <sup>10,14</sup> ]tetradecane from Norbornadiene: Mechanism of the Cage Assembly and Post-synthetic Functionalization. <i>Angewandte Chemie</i> , 2020, 132, 23499-23505.	2.0	0
17	Two-Step Synthesis of Heptacyclo[6.6.0.0 <sup>2,6</sup> .0 <sup>3,13</sup> .0 <sup>4,11</sup> .0 <sup>5,9</sup> .0 <sup>10,14</sup> ]tetradecane from Norbornadiene: Mechanism of the Cage Assembly and Post-synthetic Functionalization. <i>Angewandte Chemie - International Edition</i> . 2020, 59, 23299-23305.	13.8	7
18	Synthesis of Cycloheptatrienes, Oxepines, Thiepinines, and Silepinines: A Comparison between Brønsted Acid and Au-Catalysis. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 6245-6254.	2.4	19

#	ARTICLE	IF	CITATIONS
19	±-Cationic Phospholes: Synthesis and Applications as Ancillary Ligands. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22779-22784.	13.8	16
20	±-Kationische Phosphole: Synthese und Anwendungen als Liganden. <i>Angewandte Chemie</i> , 2020, 132, 22969-22975.	2.0	2
21	Enantioselective Synthesis of 1-Aryl Benzo[5]helicenes Using BINOL-Derived Cationic Phosphonites as Ancillary Ligands. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23527-23531.	13.8	44
22	Electrophilic Cyanative Alkenylation of Arenes. <i>Organic Letters</i> , 2020, 22, 4932-4937.	4.6	8
23	Enantioselective Synthesis of 1,12-Disubstituted [4]Helicenes. <i>Angewandte Chemie</i> , 2020, 132, 5709-5713.	2.0	31
24	Gold-Catalyzed Atroposelective Synthesis of 1,1'-Binaphthalene-2,3'-diols. <i>Angewandte Chemie</i> , 2020, 132, 5696-5699.	2.0	22
25	Enantioselective Synthesis of 1,12-Disubstituted [4]Helicenes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5660-5664.	13.8	80
26	Synthetic Applications of Sulfonium Salts. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2486-2500.	2.0	111
27	Polymorphism of bis(1,3-benzothiazol-2-yl) trithiocarbonate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 1126-1130.	0.5	0
28	Orientation and conformation of two [6]carbohelicenes in stretched polystyrene and a thermoresponsive polyaspartate. <i>Magnetic Resonance in Chemistry</i> , 2019, 57, 961-967.	1.9	2
29	Isomerization and Dimerization of Indocyanine Green and a Related Heptamethine Dye. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 4791-4796.	2.4	18
30	Synthesis of Alkynylthiopyridinium Salts and Their Use as Thioketene Equivalents. <i>Chemistry - A European Journal</i> , 2019, 25, 10472-10477.	3.3	2
31	5-(Cyano)dibenzothiophenium Triflate: A Sulfur-Based Reagent for Electrophilic Cyanation and Cyanocyclizations. <i>Angewandte Chemie</i> , 2019, 131, 9596-9600.	2.0	12
32	5-(Cyano)dibenzothiophenium Triflate: A Sulfur-Based Reagent for Electrophilic Cyanation and Cyanocyclizations. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9496-9500.	13.8	39
33	Applications of ±-Cationic Phosphines as Ancillary Ligands in Homogeneous Catalysis. <i>Chemistry Letters</i> , 2019, 48, 1-13.	1.3	25
34	Reductive Elimination of C <sub>6</sub> F <sub>5</sub> from Pd(II) Complexes: Influence of ±-Dicationic Chelating Phosphines. <i>Organometallics</i> , 2018, 37, 665-672.	2.3	14
35	<i>i</i> -N-Arylpyridinophosphines: Synthesis, Structure, and Applications in Au(I) Catalysis. <i>ACS Catalysis</i> , 2018, 8, 10457-10463.	11.2	39
36	5-(Alkynyl)dibenzothiophenium Triflates: Sulfur-Based Reagents for Electrophilic Alkynylation. <i>Angewandte Chemie</i> , 2018, 130, 12718-12722.	2.0	22

#	ARTICLE	IF	CITATIONS
37	5-(Alkynyl)dibenzothiophenium Triflates: Sulfur-Based Reagents for Electrophilic Alkynylation. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12538-12542.	13.8	68
38	Two-Step Synthesis of Unsymmetrical Diaryl Sulfides by Electrophilic Thiolation of Nonfunctionalized (Hetero)arenes. <i>Chemistry - A European Journal</i> , 2018, 24, 15026-15035.	3.3	14
39	TADDOL-Derived Cationic Phosphonites: Toward an Effective Enantioselective Synthesis of [6]Helicenes via Au-Catalyzed Alkyne Hydroarylation. <i>ACS Catalysis</i> , 2018, 8, 6079-6085.	11.2	78
40	Enantioselective Synthesis of [6]Carbohelicenes. <i>Journal of the American Chemical Society</i> , 2017, 139, 1428-1431.	13.7	111
41	$\hat{\pm}$ -Radical Phosphines: Synthesis, Structure, and Reactivity. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8790-8794.	13.8	30
42	$\hat{\pm}$ -Radical Phosphines: Synthesis, Structure, and Reactivity. <i>Angewandte Chemie</i> , 2017, 129, 8916-8920.	2.0	11
43	$\hat{\pm}$ -Dicationic Chelating Phosphines: Synthesis and Application to the Hydroarylation of Dienes. <i>Journal of the American Chemical Society</i> , 2017, 139, 4948-4953.	13.7	65
44	Regio- and Stereoselective Chlorocyanation of Alkynes. <i>Angewandte Chemie</i> , 2017, 129, 13586-13590.	2.0	17
45	Regio- and Stereoselective Chlorocyanation of Alkynes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13401-13405.	13.8	40
46	Dicationic phosphonium salts: Lewis acid initiators for the Mukaiyama-aldol reaction. <i>Dalton Transactions</i> , 2017, 46, 16216-16227.	3.3	20
47	Alkynylthioimidazolium Salts: Efficient Reagents for the Synthesis of Alkynyl Sulfides by Electrophilic Thioalkynylation. <i>Chemistry - A European Journal</i> , 2017, 23, 75-78.	3.3	35
48	$\hat{\pm}$ -Cationic Arsines: Synthesis, Structure, Reactivity, and Applications. <i>Journal of the American Chemical Society</i> , 2016, 138, 6869-6877.	13.7	45
49	Synthesis, Structure, and Applications of $\hat{\pm}$ -Cationic Phosphines. <i>Accounts of Chemical Research</i> , 2016, 49, 1797-1805.	15.6	108
50	Bis(cyclopropenium)phosphines: Synthesis, Reactivity, and Applications. <i>Chemistry - A European Journal</i> , 2016, 22, 15320-15327.	3.3	32
51	Synthesis and reactivity of $\hat{\pm}$ -cationic phosphines: the effect of imidazolinium and amidinium substituents. <i>Dalton Transactions</i> , 2016, 45, 1872-1876.	3.3	29
52	Bis[(dialkylamino)cyclopropenimine]-stabilized $P^{III}$ - and $P^V$ -Centered Dications. <i>Chemistry - A European Journal</i> , 2015, 21, 10829-10834.	3.3	17
53	On the Reactivity of Tetrakis(trifluoromethyl)cyclopentadienone towards Carbon-Based Lewis Bases. <i>Chemistry - A European Journal</i> , 2015, 21, 2744-2749.	3.3	5
54	Dihalo(imidazolium)sulfuranes: A Versatile Platform for the Synthesis of New Electrophilic Group-Transfer Reagents. <i>Journal of the American Chemical Society</i> , 2015, 137, 8704-8707.	13.7	73

#	ARTICLE	IF	CITATIONS
55	Frustrated Lewis Pairs: An Elegant Concept for Catalysis. <i>Synlett</i> , 2014, 25, 1519-1520.	1.8	10
56	Polyfluorinated Cyclopentadienones as Lewis Acids. <i>Synlett</i> , 2014, 25, 1539-1541.	1.8	2
57	Synthesis, Structure, and Applications of Pyridiniophosphines. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8732-8736.	13.8	74
58	Coordination Chemistry of Cyclopropenylidene- $\sigma$ -Stabilized Phosphenium Cations: Synthesis and Reactivity of Pd and Pt Complexes. <i>Chemistry - A European Journal</i> , 2014, 20, 2208-2214.	3.3	49
59	Bis- and Tris(pyrazolyl)borate/Methane- $\sigma$ -Stabilized P <sup>III</sup> -Centered Cations. <i>Chemistry - A European Journal</i> , 2014, 20, 8575-8578.	3.3	8
60	$\sigma$ -Cationic Phosphines: Synthesis and Applications. <i>Chemistry - A European Journal</i> , 2014, 20, 7868-7877.	3.3	98
61	Synthesis and Structure of Carbene- $\sigma$ -Stabilized N <sup>+</sup> -Centered Cations [L <sub>2</sub> N] <sup>+</sup> , [L <sub>2</sub> NR] <sup>2+</sup> , [LNR <sub>3</sub> ] <sup>2+</sup> , and [L <sub>3</sub> N] <sup>3+</sup> . <i>Chemistry - A European Journal</i> , 2013, 19, 3542-3546.	3.3	39
62	Stabilization of a Two-Coordinate [GeCl] <sup>+</sup> Cation by Simultaneous $\sigma$ and $\pi$ -Donation from a Monodentate Carbodiphosphorane. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5644-5647.	13.8	92
63	Tuning the Lewis Acidity of Boranes in Frustrated Lewis Pair Chemistry: Implications for the Hydrogenation of Electron-Poor Alkenes. <i>Chemistry - A European Journal</i> , 2013, 19, 11016-11020.	3.3	74
64	Polycationic Ligands in Gold Catalysis: Synthesis and Applications of Extremely $\sigma$ -Acidic Catalysts. <i>Journal of the American Chemical Society</i> , 2013, 135, 18815-18823.	13.7	123
65	PROFILE: Early Excellence in <i>Physical Organic Chemistry</i> . <i>Journal of Physical Organic Chemistry</i> , 2013, 26, 765-765.	1.9	0
66	Synthesis and Reactivity of Metal Complexes with Acyclic (Amino)(Ylide)Carbene Ligands. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11392-11395.	13.8	18
67	Metal-Free Hydrogenation of Electron-Poor Allenes and Alkenes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12367-12369.	13.8	93
68	Pyracenebis(imidazolylidene): A New Janus-Type Biscarbene and Its Coordination to Rhodium and Iridium. <i>Organometallics</i> , 2012, 31, 4623-4626.	2.3	59
69	Exploiting the $\sigma$ -Acceptor Properties of Carbene-Stabilized Phosphorus Centered Trications [L <sub>3</sub> P] <sup>3+</sup> : Applications in Pt(II) Catalysis. <i>Journal of the American Chemical Society</i> , 2012, 134, 16753-16758.	13.7	121
70	At the Frontiers of Knowledge in Chemistry: The 47th $\gamma$ -Argenstock Conference. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8151-8154.	13.8	0
71	Fullerenes as Neutral Carbon-Based Lewis Acids. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1523-1524.	13.8	33
72	Synthesis, Structure, and Reactivity of Carbene-Stabilized Phosphorus(III)-Centered Trications [L <sub>3</sub> P] <sup>3+</sup> . <i>Journal of the American Chemical Society</i> , 2011, 133, 20758-20760.	13.7	77

#	ARTICLE	IF	CITATIONS
73	Catalysis-Based and Protecting-Group-Free Total Syntheses of the Marine Oxylipins Hybridalactone and the Ecklonialactones A, B, and C. <i>Journal of the American Chemical Society</i> , 2011, 133, 13471-13480.	13.7	136
74	Cyclopropenylylidene-Stabilized Diaryl and Dialkyl Phosphenium Cations: Applications in Homogeneous Gold Catalysis. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3799-3802.	13.8	108
75	Synthesis, Structure, and Reactivity of a Dihydrido Borenium Cation. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8400-8403.	13.8	142
76	Protecting-Group-Free and Catalysis-Based Total Synthesis of the Ecklonialactones. <i>Journal of the American Chemical Society</i> , 2010, 132, 11042-11044.	13.7	108
77	A New Class of Singlet Carbene Ligands. <i>Chemistry - A European Journal</i> , 2010, 16, 9746-9749.	3.3	42
78	Synthesis and Coordination Properties of Nitrogen(I)-Based Ligands. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3680-3683.	13.8	90
79	Steering the Surprisingly Modular $\sigma$ -Acceptor Properties of $N$ -Heterocyclic Carbenes: Implications for Gold Catalysis. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2542-2546.	13.8	263
80	Exploring the Reactivity of Carbon(0)/Borane-Based Frustrated Lewis Pairs. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5788-5791.	13.8	131
81	Heterolytic Si- $\pi$ -S Bond Cleavage by a Purely Carbogenic Frustrated Lewis Pair. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8389-8391.	13.8	88
82	Stereoselective synthesis of cationic heterobidentate C(NHC)/SR rhodium(I) complexes using stereodirecting $N,N$ -dialkylamino groups. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1557-1562.	1.8	9
83	Coordination chemistry at carbon. <i>Nature Chemistry</i> , 2009, 1, 295-301.	13.6	343
84	Coordination Chemistry of $N,N$ -Diamines and a Prototype Carbodicarbene. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3210-3214.	13.8	423
85	Carbenes Stabilized by Ylides: Pushing the Limits. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8302-8306.	13.8	105
86	Stereoselective Synthesis of Rhodium(I) 4-(Dialkylamino)triazol-5-ylidene Complexes. <i>Organometallics</i> , 2008, 27, 4555-4564.	2.3	40
87	Enantioselective Conjugate Addition of $N,N$ -Dialkylhydrazones to $\beta$ -Hydroxy Enones. <i>Organic Letters</i> , 2007, 9, 2867-2870.	4.6	33
88	Effective Modulation of the Donor Properties of $N$ -Heterocyclic Carbene Ligands by Through-Space Communication within a Planar Chiral Scaffold. <i>Journal of the American Chemical Society</i> , 2007, 129, 12676-12677.	13.7	256
89	Imidazo[1,5- $a$ ]pyridin-3-ylidene/Thioether Mixed C/S Ligands and Complexes Thereof. <i>Organometallics</i> , 2007, 26, 2570-2578.	2.3	128
90	Synthesis, Structure, and Applications of $N$ -Dialkylamino- $N$ -alkylimidazol-2-ylidenes as a New Type of NHC Ligands. <i>Organometallics</i> , 2006, 25, 6039-6046.	2.3	65

#	ARTICLE	IF	CITATIONS
91	Synthesis, structure and electronic properties of N-dialkylamino- and N-alkoxy-1,2,4-triazol-3-ylidene ligands. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 5979-5988.	1.8	31
92	Imidazo[1,5-a]pyridine: A Versatile Architecture for Stable N-Heterocyclic Carbenes. <i>Journal of the American Chemical Society</i> , 2005, 127, 3290-3291.	13.7	310
93	1,3-Bis(N,N-dialkylamino)imidazolin-2-ylidenes: Synthesis and Reactivity of a New Family of Stable N-Heterocyclic Carbenes. <i>Journal of the American Chemical Society</i> , 2004, 126, 13242-13243.	13.7	63
94	Synthesis and Spectroelectrochemical Studies of Mixed Heteroleptic Chelate Complexes of Ruthenium(II) with 1,8-Bis(2-pyridyl)-3,6-dithiaoctane (pdto) and Substituted 1,10-Phenanthrolines. <i>Inorganic Chemistry</i> , 2003, 42, 1825-1834.	4.0	37
95	Synthesis of $\hat{\pm}$ -Hydroxyhydrazones from Aldehydes. <i>Synlett</i> , 2001, 2001, 1158-1160.	1.8	22