

# Armido Studer

## List of Publications by Year in Descending Order

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**Version:** 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

456  
papers

25,760  
citations

86  
h-index

141  
g-index

529  
ext. papers

28,968  
ext. citations

8.4  
avg, IF

8.21  
L-index

#	Paper	IF	Citations
456	Oxindole synthesis polar-radical crossover of ketene-derived amide enolates in a formal [3 + 2] cycloaddition.. <i>Chemical Science</i> , <b>2022</b> , 13, 3875-3879	9.4	2
455	Aroyl Fluorides as Bifunctional Reagents for Dearomatizing Fluoroarylation of Benzofurans.. <i>Journal of the American Chemical Society</i> , <b>2022</b> ,	16.4	6
454	Three-component 1,2-carboamination of vinyl boronic esters amidyl radical induced 1,2-migration.. <i>Chemical Science</i> , <b>2021</b> , 12, 15765-15769	9.4	3
453	Fe-Catalyzed Anaerobic Mukaiyama-Type Hydration of Alkenes using Nitroarenes. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 8313-8320	16.4	15
452	Fe-Catalyzed Anaerobic Mukaiyama-Type Hydration of Alkenes using Nitroarenes. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 8394-8401	3.6	2
451	Direct $\alpha$ -Acylation of Alkenes via N-Heterocyclic Carbene, Sulfinic, and Photoredox Cooperative Triple Catalysis. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 4903-4909	16.4	32
450	Polymerization of silanes through dehydrogenative Si-Si bond formation on metal surfaces. <i>Nature Chemistry</i> , <b>2021</b> , 13, 350-357	17.6	2
449	Synthesis of Polymers Bearing a Chiral Backbone via Stereospecific Ionic Ring-Opening Polymerization of Chiral Donor-Acceptor Cyclopropanes. <i>Macromolecular Rapid Communications</i> , <b>2021</b> , 42, e2100030	4.8	0
448	Benzylic C-H acylation by cooperative NHC and photoredox catalysis. <i>Nature Communications</i> , <b>2021</b> , 12, 2068	17.4	29
447	Three-Component Aminoarylation of Electron-Rich Alkenes by Merging Photoredox with Nickel Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 14399-14404	16.4	13
446	Synthesis of Stannylated Aryl Imines and Amines via Aryne Insertion Reactions into Sn-N Bonds. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 9281-9285	4.8	
445	Three-Component Aminoarylation of Electron-Rich Alkenes by Merging Photoredox with Nickel Catalysis. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 14520-14525	3.6	3
444	Radical Aryl Migration from Boron to Carbon. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 9320-9326	16.4	5
443	Remote Site-Selective Radical C(sp <sup>3</sup> )-H Monodeuteration of Amides using D <sub>2</sub> O. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 18793-18798	3.6	3
442	Remote Site-Selective Radical C(sp <sup>3</sup> )-H Monodeuteration of Amides using D <sub>2</sub> O. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 18645-18650	16.4	10
441	Intramolecular Hydrogen Atom Transfer Induced 1,2-Migration of Boronate Complexes. <i>Organic Letters</i> , <b>2021</b> , 23, 5876-5879	6.2	2
440	Oligosilanes as Silyl Radical Precursors through Oxidative Si-Si Bond Cleavage Using Redox Catalysis. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 685-689	3.6	8

439	1,1,2-Trifunctionalization of Terminal Alkynes by Radical Addition-Translocation-Cyclization-Trapping for the Construction of Highly Substituted Cyclopentanes. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 2173-2176	3.6	2
438	Arynes as Radical Acceptors: TEMPO-Mediated Cascades Comprising Addition, Cyclization, and Trapping. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 711-715	16.4	10
437	1,1,2-Trifunctionalization of Terminal Alkynes by Radical Addition-Translocation-Cyclization-Trapping for the Construction of Highly Substituted Cyclopentanes. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 2145-2148	16.4	14
436	Azo bond formation on metal surfaces. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 1458-1464	16.4	4
435	Aryne als Radikalakzeptoren: TEMPO-induzierte Kaskaden über Addition, Zyklisierung und Kreuzkupplung. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 721-725	3.6	3
434	Radikalische Funktionalisierung von $\text{C}(\text{sp}^3)\text{-H}$ -Bindungen in Amiden durch Translokations-induzierende arylierende Gruppen. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 3603-3608	3.6	6
433	Functionalization of $\text{C}(\text{sp}^3)\text{-H}$ Bonds in Amides Using Radical Translocating Arylating Groups. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 3561-3565	16.4	20
432	Azobindungsbildung auf Metalloberflächen. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 1478-1485	3.6	
431	Oligosilanes as Silyl Radical Precursors through Oxidative Si-Si Bond Cleavage Using Redox Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 675-679	16.4	17
430	Electronic effects in profluorescent benzotriazinyl radicals: a combined experimental and theoretical study. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 2999-3007	3.6	1
429	Photo-Mediated Intermolecular Coupling of Alkenes with Ketones via Acyloxy Nitroso Compounds. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 8547-8551	16.4	8
428	Preparation of $\alpha$ -Perfluoroalkyl Ketones from $\beta$ -Unsaturated Ketones via Formal Hydroperfluoroalkylation. <i>Organic Letters</i> , <b>2021</b> , 23, 1280-1284	6.2	4
427	Licht-vermittelte intermolekulare Kupplung von Alkenen mit Ketonen über Acyloxy-Nitroso-Verbindungen. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 8629-8634	3.6	
426	Photo Click Reaction of Acylsilanes with Indoles. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 18753-18759	3.6	4
425	Photo Click Reaction of Acylsilanes with Indoles. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 18605-18611	16.4	14
424	Recent advances in radical chemistry proceeding through pro-aromatic radicals. <i>Chem</i> , <b>2021</b> , 7, 2060-2100	6.2	21
423	Regio- and Stereoselective 1,2-Carboboration of Ynamides with Aryldichloroboranes. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 21697-21701	16.4	4
422	Regio- and Stereoselective 1,2-Carboboration of Ynamides with Aryldichloroboranes. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 21865-21869	3.6	0

4 <sup>21</sup>	Transition-Metal-Free Intramolecular Radical Aminoboration of Unactivated Alkenes. <i>Organic Letters</i> , <b>2021</b> , 23, 7688-7692	6.2	4
4 <sup>20</sup>	Direct Access to $\beta$ -Aminosilanes Enabled by Visible-Light-Mediated Multicomponent Radical Cross-Coupling. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 23335-23341	16.4	4
4 <sup>19</sup>	Cooperative NHC/Photoredox Catalyzed Ring-Opening of Aryl Cyclopropanes to 1-Aroyloxy-3-Acylated Alkanes. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 25252-25257	16.4	14
4 <sup>18</sup>	Visible-Light Mediated Tryptophan Modification in Oligopeptides Employing Acylsilanes. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 15392-15395	4.8	5
4 <sup>17</sup>	Remote Radical Desaturation of Unactivated C-H Bonds in Amides. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 16621-16625	4.8	3
4 <sup>16</sup>	Direct Access to $\beta$ -Aminosilanes Enabled by Visible-Light-Mediated Multicomponent Radical Cross-Coupling. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 23523	3.6	0
4 <sup>15</sup>	1,-Bisborylalkanes via Radical Boron Migration. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 9119-9123	6.1	24
4 <sup>14</sup>	Nickel-Catalyzed Markovnikov Transfer Hydrocyanation in the Absence of Lewis Acid. <i>Organic Letters</i> , <b>2020</b> , 22, 4456-4460	6.2	11
4 <sup>13</sup>	Happy Birthday to Bernd Giese. <i>Advanced Synthesis and Catalysis</i> , <b>2020</b> , 362, 2075-2076	5.6	
4 <sup>12</sup>	From Curiosity to Reliable Methodology $\square$ Organic Free Radical Chemistry. <i>Advanced Synthesis and Catalysis</i> , <b>2020</b> , 362, 2073-2073	5.6	2
4 <sup>11</sup>	Synthesis of 1,3-Bis-(boryl)alkanes through Boronic Ester Induced Consecutive Double 1,2-Migration. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 17398-17402	3.6	8
4 <sup>10</sup>	Synthesis of 1,3-Bis-(boryl)alkanes through Boronic Ester Induced Consecutive Double 1,2-Migration. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 17245-17249	16.4	14
4 <sup>09</sup>	Bergangsmetallfreie oxidative Kreuzkupplung von Tetraarylboraten zu Biarylen mit organischen Oxidationsmitteln. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 15596-15601	3.6	4
4 <sup>08</sup>	Transition-Metal-Free Oxidative Cross-Coupling of Tetraarylborates to Biaryls Using Organic Oxidants. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 15468-15473	16.4	20
4 <sup>07</sup>	Radical 1,3-Difunctionalization of Allylboronic Esters with Concomitant 1,2-Boron Shift. <i>Chem</i> , <b>2020</b> , 6, 512-522	16.2	34
4 <sup>06</sup>	Intermolecular radical carboamination of alkenes. <i>Chemical Society Reviews</i> , <b>2020</b> , 49, 1790-1811	58.5	117
4 <sup>05</sup>	Base-Promoted C-C Bond Activation Enables Radical Allylation with Homoallylic Alcohols. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 2609-2616	16.4	23
4 <sup>04</sup>	Synthesis of difluoromethylated allenes through trifunctionalization of 1,3-enynes. <i>Nature Communications</i> , <b>2020</b> , 11, 416	17.4	22

403	Synthesis and Immobilization of Metal Nanoparticles Using Photoactive Polymer-Decorated Zeolite L Crystals and Their Application in Catalysis. <i>Advanced Synthesis and Catalysis</i> , <b>2020</b> , 362, 2245-2253	5.6	2
402	Reaction of Vinyl Aziridines with Arynes: Synthesis of Benzazepines and Branched Allyl Fluorides. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 1501-1505	4.8	19
401	Radical-Induced 1,2-Migrations of Boron Ate Complexes. <i>Advanced Synthesis and Catalysis</i> , <b>2020</b> , 362, 2077-2087	5.6	29
400	A Benzophenone-Based Photocaging Strategy for the N7 Position of Guanosine. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 3161-3165	16.4	18
399	Eine auf dem Benzophenonergüt basierende Strategie für die Photoschätzung der N7-Position des Guanosins. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 3186-3191	3.6	4
398	An oxo-verdazyl radical for a symmetrical non-aqueous redox flow battery. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 22280-22291	13	13
397	Synthesis of Alkyl Silanes via Reaction of Unactivated Alkyl Chlorides and Triflates with Silyl Lithium Reagents. <i>Organic Letters</i> , <b>2020</b> , 22, 6568-6572	6.2	6
396	Cooperative NHC and Photoredox Catalysis for the Synthesis of Trifluoromethylated Alkyl Aryl Ketones. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 19956-19960	16.4	61
395	Aryl Triflates in On-Surface Chemistry. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 16727-16732	4.8	
394	Kooperative NHC- und Photoredox-Katalyse zur Synthese Trifluormethylierter Alkylarylketone. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 20129-20134	3.6	14
393	Total Synthesis of (+)-Galbulin and Unnatural Lignans. <i>Organic Letters</i> , <b>2020</b> , 22, 6780-6783	6.2	3
392	Investigation of phase II metabolism of 11-hydroxy- $\Delta^9$ -tetrahydrocannabinol and metabolite verification by chemical synthesis of 11-hydroxy- $\Delta^9$ -tetrahydrocannabinol-glucuronide. <i>International Journal of Legal Medicine</i> , <b>2020</b> , 134, 2105-2119	3.1	3
391	The Persistent Radical Effect in Organic Synthesis. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 74-108	16.4	237
390	Der Persistent Radical Effect in der organischen Chemie. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 74-110	3.6	66
389	Mild C $\equiv$ N Activation in Perfluorinated Arenes through Photosensitized Insertion of Isonitriles at 350 nm. <i>Advanced Synthesis and Catalysis</i> , <b>2020</b> , 362, 376-383	5.6	2
388	Asymmetric Synthesis of Heterocyclic $\beta$ -Amino-Acid and Diamine Derivatives by Three-Component Radical Cascade Reactions. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 15950-15954	3.6	14
387	Controlled Cellular Delivery of Amphiphilic Cargo by Redox-Responsive Nanocontainers. <i>Advanced Science</i> , <b>2019</b> , 6, 1901935	13.6	11
386	Hydrogen Atom Transfer Induced Boron Retaining Coupling of Organoboron Esters and Organolithium Reagents. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 14126-14130	16.4	29

385	Intermolecular coupling and intramolecular cyclization of aryl nitriles on Au(111). <i>Chemical Communications</i> , <b>2019</b> , 55, 11611-11614	5.8	3
384	New avenues for C-B bond formation radical intermediates. <i>Chemical Science</i> , <b>2019</b> , 10, 8503-8518	9.4	57
383	Tuning the Selectivity of AuPd Nanoalloys towards Selective Dehydrogenative Alkyne Silylation. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 5870-5874	4.8	11
382	Deoxygenierende Borylierung von sekundären und tertiären Alkoholen. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 9661-9665	3.6	26
381	Diversity-Oriented Desulfonylative Functionalization of Alkyl Allyl Sulfones. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 9941-9945	3.6	11
380	Catalytic protodeboronation of pinacol boronic esters: formal anti-Markovnikov hydromethylation of alkenes. <i>Chemical Science</i> , <b>2019</b> , 10, 6210-6214	9.4	25
379	Photochemical preparation of gold nanoparticle decorated cyclodextrin vesicles with tailored plasmonic properties. <i>Nanoscale</i> , <b>2019</b> , 11, 9384-9391	7.7	15
378	Deoxygenative Borylation of Secondary and Tertiary Alcohols. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 9561-9564	16.4	81
377	Diversity-Oriented Desulfonylative Functionalization of Alkyl Allyl Sulfones. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 9836-9840	16.4	31
376	Palladiumkatalysierte decarboxylierende $\beta$ Arylierung: Ein Zugang zu tetrasubstituierten chiralen Allenen. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 6616-6620	3.6	6
375	Palladium-Catalyzed Decarboxylative $\beta$ Arylation for the Synthesis of Tetrasubstituted Chiral Allenes. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 6545-6548	16.4	20
374	Anti-Markovnikov Radical Hydro- and Deuteroamidation of Unactivated Alkenes. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 7105-7109	4.8	18
373	Carboamination of Unactivated Alkenes through Three-Component Radical Conjugate Addition. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 16680-16684	3.6	13
372	Asymmetric Synthesis of Heterocyclic $\beta$ Amino-Acid and Diamine Derivatives by Three-Component Radical Cascade Reactions. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 15803-15807	16.4	66
371	Carboamination of Unactivated Alkenes through Three-Component Radical Conjugate Addition. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 16528-16532	16.4	36
370	Polymer Nanocontainers: Controlled Cellular Delivery of Amphiphilic Cargo by Redox-Responsive Nanocontainers (Adv. Sci. 24/2019). <i>Advanced Science</i> , <b>2019</b> , 6, 1970146	13.6	78
369	Synthesis of Para (-)- $\beta$ THC Triflate as a Building Block for the Preparation of THC Derivatives Bearing Different Side Chains. <i>Organic Letters</i> , <b>2019</b> , 21, 563-566	6.2	8
368	Diamantane Suspended Single Copper Atoms. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 315-324	16.4	9

367	Photoinitiated Three-Component $\beta$ -Perfluoroalkyl- $\beta$ -heteroarylation of Unactivated Alkenes via Electron Catalysis. <i>Organic Letters</i> , <b>2019</b> , 21, 325-329	6.2	89
366	Silyldefluorination of Fluoroarenes by Concerted Nucleophilic Aromatic Substitution. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 283-287	16.4	35
365	Silyldefluorination of Fluoroarenes by Concerted Nucleophilic Aromatic Substitution. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 289-293	3.6	13
364	Transition-Metal-Free Three-Component Radical 1,2-Amidoalkynylation of Unactivated Alkenes. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 516-520	4.8	25
363	Towards reliable references for electron paramagnetic resonance parameters based on quantum chemistry: the case of verdazyl radicals. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 7661-7675	3.6	5
362	$\beta$ -Diazo Ketones in On-Surface Chemistry. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 6000-6005	16.4	22
361	Lewis Acid Catalyzed Stereoselective Dearomative Coupling of Indolylboron Ate Complexes with Donor-Acceptor Cyclopropanes and Alkyl Halides. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 4053-4057	16.4	86
360	Synthese $\beta$ -chiraler Ketone und chiraler Alkane durch eine radikalisch/ionische Kreuzungsreaktion von Vinyl-Bor-Ate-Komplexen. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 2466-2469	3.6	28
359	Visible-Light-Enabled Preparation of Palladium Nanoparticles and Application as Catalysts for Suzuki-Miyaura Coupling. <i>Organic Letters</i> , <b>2018</b> , 20, 752-755	6.2	15
358	Electrochemical initiation of electron-catalyzed phenanthridine synthesis by trifluoromethylation of isonitriles. <i>Chemical Communications</i> , <b>2018</b> , 54, 2240-2243	5.8	28
357	$\beta$ -Aminoxy-Acid-Auxiliary-Enabled Intermolecular Radical $\beta$ (sp <sup>3</sup> )-H Functionalization of Ketones. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 1708-1712	3.6	37
356	$\beta$ -Aminoxy-Acid-Auxiliary-Enabled Intermolecular Radical $\beta$ (sp <sup>3</sup> )-H Functionalization of Ketones. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 1692-1696	16.4	114
355	Synthesis of Highly Substituted Arenes via Cyclohexadiene-Alkene C-H Cross Coupling and Aromatization. <i>ACS Catalysis</i> , <b>2018</b> , 8, 1213-1217	13.1	10
354	Optomechanically Assisted Assembly of Surface-Functionalized Zeolite-L-Based Hybrid Soft Matter. <i>Particle and Particle Systems Characterization</i> , <b>2018</b> , 35, 1800041	3.1	1
353	Short and Protecting-Group-Free Approach to the (-)- $\beta$ -THC-Motif: Synthesis of THC-Analogues, (-)-Machaeriol B and (-)-Machaeriol D. <i>Organic Letters</i> , <b>2018</b> , 20, 2964-2966	6.2	11
352	Lewis Acid Catalyzed Stereoselective Dearomative Coupling of Indolylboron Ate Complexes with Donor-Acceptor Cyclopropanes and Alkyl Halides. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 4117-4121	3.6	32
351	Site-Selective Remote Radical C-H Functionalization of Unactivated C-H Bonds in Amides Using Sulfone Reagents. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 12940-12944	16.4	102
350	Reaction Selectivity in On-Surface Chemistry by Surface Coverage Control-Alkyne Dimerization versus Alkyne Trimerization. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 15303-15308	4.8	9

349	Remote C-H functionalization using radical translocating arylating groups. <i>Nature Communications</i> , <b>2018</b> , 9, 2808	17.4	40
348	Metal-Free Direct C-H Cyanation of Alkenes. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 11792-11796	16.4	24
347	Metal-Free Direct C-H Cyanation of Alkenes. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 11966-11970	3.6	9
346	Mixed AuPd Nanoparticles as Highly Active Catalysts for Alkyne Z-Semihydrogenation. <i>European Journal of Organic Chemistry</i> , <b>2018</b> , 2018, 3403-3409	3.2	11
345	Transition Metal-Free 1,2-Carboboration of Unactivated Alkenes. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 6221-6225	16.4	118
344	The special role of B(CF <sub>3</sub> ) <sub>2</sub> in the single electron reduction of quinones by radicals. <i>Chemical Science</i> , <b>2018</b> , 9, 8011-8018	9.4	14
343	Site-Selective Remote Radical C-H Functionalization of Unactivated C-H Bonds in Amides Using Sulfone Reagents. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 13122-13126	3.6	39
342	Ferro- or antiferromagnetism? Heisenberg chains in the crystal structures of verdazyl radicals. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 22902-22908	3.6	4
341	Radical-Polar Crossover Reactions of Dienylboronate Complexes: Synthesis of Functionalized Allylboronic Esters. <i>Organic Letters</i> , <b>2018</b> , 20, 3666-3669	6.2	30
340	Amidyl Radicals by Oxidation of $\beta$ -Amido-oxy Acids: Transition-Metal-Free Amidofluorination of Unactivated Alkenes. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 10867-10871	3.6	21
339	Synthesis of $\beta$ -Chiral Ketones and Chiral Alkanes Using Radical Polar Crossover Reactions of Vinyl Boron Ate Complexes. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 2441-2444	16.4	56
338	Alkene 1,2-Difunctionalization by Radical Alkenyl Migration. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 822-825	3.6	29
337	Alkene 1,2-Difunctionalization by Radical Alkenyl Migration. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 814-817	16.4	121
336	Antiferromagnetic ordering based on intermolecular London dispersion interactions in amphiphilic TEMPO ammonium salts. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 28979-28983	3.6	2
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214	Asymmetric synthesis of highly substituted lactones through oxidative carbene catalysis with LiCl as cooperative Lewis acid. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 9622-6	16.4	135
213	Cyclizing radical carboiodination, carbottelluration, and carboaminoxylation of aryl amines. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 8180-3	16.4	42
212	Photochemical Glaser Coupling at Metal Surfaces. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 6272-6277	3.8	64
211	6-Perfluoroalkylated phenanthridines via radical perfluoroalkylation of isonitriles. <i>Organic Letters</i> , <b>2014</b> , 16, 3990-3	6.2	118
210	Polymer Brushes Exhibiting Versatile Supramolecular Interactions Grown by Nitroxide-Mediated Polymerization and Structured via Microcontact Chemistry. <i>Macromolecules</i> , <b>2014</b> , 47, 2411-2419	5.5	18
209	Direct conversion of alcohols to chloro aldehydes and chloro ketones. <i>Organic Letters</i> , <b>2014</b> , 16, 4932-56.2		39
208	Synthesis of Bulky Nitroxides, Characterization, and Their Application in Controlled Radical Polymerization. <i>Macromolecules</i> , <b>2014</b> , 47, 3595-3602	5.5	15
207	6-Phosphorylated phenanthridines from 2-isocyanobiphenyls via radical C-P and C-C bond formation. <i>Organic Letters</i> , <b>2014</b> , 16, 250-3	6.2	205
206	UV-Vis Monitoring of Radical Polymerizations by Spin Trapping with Chromophoric Nitrones. <i>Macromolecules</i> , <b>2014</b> , 47, 993-1000	5.5	4

205	Decarboxylative polymerization of 2,6-naphthalenedicarboxylic acid at surfaces. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 9658-63	16.4	89
204	The electron is a catalyst. <i>Nature Chemistry</i> , <b>2014</b> , 6, 765-73	17.6	459
203	Synthesis of orthogonally addressable block copolymers via reversible addition fragmentation chain transfer polymerization and subsequent chemoselective postmodification. <i>Journal of Polymer Science Part A</i> , <b>2014</b> , 52, 258-266	2.5	8
202	Copper-catalyzed intermolecular aminoazidation of alkenes. <i>Organic Letters</i> , <b>2014</b> , 16, 1790-3	6.2	157
201	Totalsynthese Resveratrol-basierter Naturstoffe mittels palladiumkatalysierter decarboxylierender Arylierung und oxidativer Heck-Reaktion. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 2505-2509	3.6	23
200	Titelbild: Totalsynthese Resveratrol-basierter Naturstoffe mittels palladiumkatalysierter decarboxylierender Arylierung und oxidativer Heck-Reaktion (Angew. Chem. 9/2014). <i>Angewandte Chemie</i> , <b>2014</b> , 126, 2285-2285	3.6	
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198	Asymmetric Synthesis of Highly Substituted $\beta$ -Lactones through Oxidative Carbene Catalysis with LiCl as Cooperative Lewis Acid. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 9776-9780	3.6	43
197	Stereoselective radical azidooxygenation of alkenes. <i>Organic Letters</i> , <b>2013</b> , 15, 4548-51	6.2	167
196	6-Trifluoromethyl-phenanthridines through radical trifluoromethylation of isonitriles. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 10792-5	16.4	284
195	Nitroxide-catalyzed transition-metal-free aerobic oxidation processes. <i>Green Chemistry</i> , <b>2013</b> , 15, 3116	10	239
194	On-surface azide-alkyne cycloaddition on Au(111). <i>ACS Nano</i> , <b>2013</b> , 7, 8509-15	16.7	103
193	Phenyl hydrazine as initiator for direct arene C-H arylation via base promoted homolytic aromatic substitution. <i>Organic Letters</i> , <b>2013</b> , 15, 6102-5	6.2	94
192	6-Aroylated phenanthridines via base promoted homolytic aromatic substitution (BHAS). <i>Organic Letters</i> , <b>2013</b> , 15, 6286-9	6.2	145
191	Chemical modification of polymer brushes via nitroxide photoclick trapping. <i>Langmuir</i> , <b>2013</b> , 29, 6369-76		19
190	Transition-Metal-Functionalized PAMAM Dendrimers Encapsulated in PPX Tubes as Reusable Catalysts. <i>Macromolecules</i> , <b>2013</b> , 46, 8784-8789	5.5	5
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186	Preparation of photoactive polymers and postmodification via nitroxide trapping under UV irradiation. <i>Macromolecular Rapid Communications</i> , <b>2013</b> , 34, 94-101	4.8	22
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184	Catalysis with N-heterocyclic carbenes under oxidative conditions. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 4664-78	4.8	395
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181	Cooperative N-Heterocyclic Carbene (NHC) and Ruthenium Redox Catalysis: Oxidative Esterification of Aldehydes with Air as the Terminal Oxidant. <i>Advanced Synthesis and Catalysis</i> , <b>2013</b> , 355, 1098-1106	5.6	102
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178	Reactions of arynes with nitrosoarenes--an approach to substituted carbazoles. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 2968-71	16.4	99
177	Synthesis and characterization of inorganic-organic hybrid materials based on the intercalation of stable organic radicals into a fluoromica clay. <i>Dalton Transactions</i> , <b>2013</b> , 42, 8585-96	4.3	23
176	N-Heterocyclic Carbene Catalyzed Transesterification of Polytrifluoroethyl Acrylates. <i>Synlett</i> , <b>2013</b> , 24, 1233-1237	2.2	2
175	Effect of Metal Surfaces in On-Surface Glaser Coupling. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 18595-18602	5.1	21
174	Polynitroxides from Alkoxyamine Monomers: Structural and Kinetic Investigations by Solid State NMR. <i>Macromolecules</i> , <b>2013</b> , 46, 2553-2561	5.5	27
173	Coat thickness dependent adsorption of hydrophobic molecules at polymer brushes. <i>Journal of Chemical Physics</i> , <b>2013</b> , 138, 044904	3.9	5
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168	Titelbild: Glaser-Kupplungen auf Metalloberflächen (Angew. Chem. 14/2013). <i>Angewandte Chemie</i> , <b>2013</b> , 125, 3865-3865	3.6	
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166	Glaser-Kupplungen auf Metalloberflächen. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 4116-4120	3.6	52
165	The renaissance of organic radical chemistry - deja vu all over again. <i>Beilstein Journal of Organic Chemistry</i> , <b>2013</b> , 9, 2778-80	2.5	19
164	α-Aminoxylation of ketones and β-chloro-α-aminoxylation of enones with TEMPO and chlorocatecholborane. <i>Organic Letters</i> , <b>2012</b> , 14, 4474-7	6.2	33
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162	Radical/anionic S(RN)1-type polymerization for preparation of oligoarenes. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 12362-6	16.4	27
161	Preparation of bifunctional mesoporous silica nanoparticles by orthogonal click reactions and their application in cooperative catalysis. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 16689-97	4.8	51
160	Metal-Free 2,2,6,6-Tetramethylpiperidin-1-yloxy Radical (TEMPO) Catalyzed Aerobic Oxidation of Hydroxylamines and Alkoxyamines to Oximes and Oxime Ethers. <i>Helvetica Chimica Acta</i> , <b>2012</b> , 95, 1758-1772		13
159	Enantioselective cyclopropanation of enals by oxidative N-heterocyclic carbene catalysis. <i>Chemical Communications</i> , <b>2012</b> , 48, 5190-2	5.8	92
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152	Structuring of Polymer Brushes and Surface Nitroxide Exchange Reactions. <i>ACS Symposium Series</i> , <b>2012</b> , 241-256	0.4	

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131	Palladiumkatalysierte oxidative Kupplung von Thiophenen und Thiazolen mit Arylboronsäuren: ungewöhnliche C4-selektive C-H-Arylierung durch den Einsatz von Boronsäuren. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 2435-2439	3.6	51
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129	Stereospezifische Palladium-katalysierte decarboxylierende C(sp <sup>3</sup> )-C(sp <sup>2</sup> )-Kupplung von 2,5-Cyclohexadien-1-carbonsäure-Derivaten mit Aryliodiden. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 8773-8776	3.6	12
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126	Rücktitelbild: Stereospezifische Palladium-katalysierte decarboxylierende C(sp <sup>3</sup> )-C(sp <sup>2</sup> )-Kupplung von 2,5-Cyclohexadien-1-carbonsäure-Derivaten mit Aryliodiden (Angew. Chem. 37/2011). <i>Angewandte Chemie</i> , <b>2011</b> , 123, 8590-8590	3.6	
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124	Nitroxides: applications in synthesis and in polymer chemistry. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 5034-68	16.4	515
123	Oxidative biaryl coupling of thiophenes and thiazoles with arylboronic acids through palladium catalysis: otherwise difficult C4-selective C-H arylation enabled by boronic acids. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 2387-91	16.4	204
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118	Back Cover: Stereospecific Palladium-Catalyzed Decarboxylative C(sp <sup>3</sup> )-C(sp <sup>2</sup> ) Coupling of 2,5-Cyclohexadiene-1-carboxylic Acid Derivatives with Aryl Iodides (Angew. Chem. Int. Ed. 37/2011). <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 8440-8440	16.4	
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111	Radical addition of arylboronic acids to various olefins under oxidative conditions. <i>Organic Letters</i> , <b>2010</b> , 12, 3972-4	6.2	80
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109	Radical amination with trimethylstannylated benzophenone imine. <i>Organic Letters</i> , <b>2010</b> , 12, 2072-5	6.2	17
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