

# Elisabeth Irran

## List of Publications by Year in descending order

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27  
papers

433  
citations

623188

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#	ARTICLE	IF	CITATIONS
1	An Air-Stable Dimeric Ru <sup>II</sup> Complex with an NHC as Ancillary Ligand for Cooperative Si-H Bond Activation. <i>Organometallics</i> , 2016, 35, 925-928.	1.1	35
2	Thermodynamic <i>versus</i> kinetic control in substituent redistribution reactions of silylium ions steered by the counteranion. <i>Chemical Science</i> , 2018, 9, 5600-5607.	3.7	35
3	Cleavage of Unactivated Si <sup>III</sup> (sp <sup>3</sup> ) Bonds with Reed's Carborane Acids: Formation of Known and Unknown Silylium Ions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9176-9179.	7.2	33
4	Electrophilic Formylation of Arenes by Silylium Ion Mediated Activation of Carbon Monoxide. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8301-8305.	7.2	32
5	Characterization of hydrogen-substituted silylium ions in the condensed phase. <i>Science</i> , 2019, 365, 168-172.	6.0	32
6	Copper-Catalyzed Regio- and Enantioselective Addition of Silicon Grignard Reagents to Alkenes Activated by Azaaryl Groups. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10723-10726.	7.2	29
7	Catalytic Difunctionalization of Unactivated Alkenes with Unreactive Hexamethyldisilane through Regeneration of Silylium Ions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17307-17311.	7.2	26
8	Regio- and Diastereoselective Copper(I)-Catalyzed Allylic Substitution of $\beta$ -Hydroxy Allylic Chlorides by a Silicon Nucleophile. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4903-4908.	1.2	25
9	A Tethered Ru <sup>II</sup> Complex with an Axial Chiral Thiolate Ligand for Cooperative Si-H Bond Activation: Application to Enantioselective Imine Reduction. <i>Chemistry - A European Journal</i> , 2017, 23, 6213-6219.	1.7	25
10	Intramolecular Friedel-Crafts alkylation with a silylium-ion-activated cyclopropyl group: formation of tricyclic ring systems from benzyl-substituted vinylcyclopropanes and hydrosilanes. <i>Chemical Science</i> , 2021, 12, 569-575.	3.7	20
11	Chemoselective Tin-Boron Exchange Aided by the Use of Dummy Ligands at the Tin Atom. <i>Organometallics</i> , 2014, 33, 5097-5100.	1.1	19
12	Enantioselective Nazarov Cyclizations Catalyzed by an Axial Chiral C <sub>6</sub> F <sub>5</sub> -Substituted Boron Lewis Acid. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11441-11444.	7.2	18
13	Si-H Bond Activation with Bullock's Cationic Tungsten(II) Catalyst: CO as Cooperating Ligand. <i>Journal of the American Chemical Society</i> , 2019, 141, 18845-18850.	6.6	17
14	Synthesis of a Counteranion-Stabilized Bis(silylium) Ion. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10523-10526.	7.2	16
15	Spaltung nicht aktivierter Si <sup>III</sup> (sp <sup>3</sup> )-Bindungen mit Reedschen Carboransäuren: Bildung bekannter und unbekannter Silyliumionen. <i>Angewandte Chemie</i> , 2018, 130, 9317-9320.	1.6	13
16	Autocatalytic Carbonyl Arylation through In Situ Release of Aryl Nucleophiles from <i>N</i> -Aryl- <i>N</i> -silyldiazenes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12337-12341.	7.2	13
17	Elektrophile Formylierung von Aromaten durch silyliumionvermittelte Aktivierung von Kohlenmonoxid. <i>Angewandte Chemie</i> , 2018, 130, 8433-8437.	1.6	11
18	Competition for Hydride Between Silicon and Boron: Synthesis and Characterization of a Hydroborane-Stabilized Silylium Ion. <i>Chemistry - A European Journal</i> , 2022, 28, e202104464.	1.7	7

#	ARTICLE	IF	CITATIONS
19	Enantioselektive Nazarovâ€Cyclisierungen, die von einer axialâ€Chiralen, C <sub>6</sub> F <sub>5</sub> -substituierten Borâ€Lewisâ€Säure katalysiert werden. <i>Angewandte Chemie</i> , 2018, 130, 11612-11615.	1.6	5
20	Katalytische Difunktionalisierung von nichtaktivierten Alkenen mit reaktionsträgem Hexamethyldisilan durch Neubildung von Silyliumionen. <i>Angewandte Chemie</i> , 2019, 131, 17468-17472.	1.6	5
21	Synthese eines gegenanionstabilisierten Bis(silylium)ions. <i>Angewandte Chemie</i> , 2020, 132, 10609-10613.	1.6	5
22	Autokatalytische Carbonylarylierung mittels lokaler Freisetzung von Arylnukleophilen ausgehend von N-aryli-silyldiazenen. <i>Angewandte Chemie</i> , 2020, 132, 12436-12440.	1.6	4
23	Cationic Ruâ€Se Complexes for Cooperative Siâ€H Bond Activation. <i>Organometallics</i> , 2020, 39, 4747-4753.	1.1	3
24	Kupferkatalysierte regio- und enantioselektive Addition von Siliciumâ€Grignardâ€Reagenzien an durch Azaarylgruppen aktivierte Alkene. <i>Angewandte Chemie</i> , 2019, 131, 10833-10836.	1.6	2
25	Enantioselective, Copper-Catalyzed Addition of Nucleophilic Silicon to Alkenyl-Substituted Phosphine Oxides. <i>Synthesis</i> , 2022, 54, 2049-2056.	1.2	2
26	Cationic Cobaltâ€Thiolate Complexes for the Dehydrogenative Coupling of <i>n</i> -Bu <sub>3</sub> SnH. <i>Organometallics</i> , 2022, 41, 852-857.	1.1	1
27	One out of Four: Kinetic Resolution of Stereoisomeric Mixtures of Secondary Alcohols with a Quaternary Carbon Atom in the Î²-Position by Cuâ€H-Catalyzed Enantioselective Silylation. <i>ACS Organic &amp; Inorganic Au</i> , 2022, 2, 164-168.	1.9	0