

Elisabeth Irran

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Enantioselective, Copper-Catalyzed Addition of Nucleophilic Silicon to Alkenyl-Substituted Phosphine Oxides. <i>Synthesis</i> , 2022, 54, 2049-2056.	1.2	2
2	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
3	Cationic Cobalt-thiolate Complexes for the Dehydrogenative Coupling of $n\text{-Bu}_3\text{SnH}$. <i>Organometallics</i> , 2022, 41, 852-857.	1.1	1
4	One out of Four: Kinetic Resolution of Stereoisomeric Mixtures of Secondary Alcohols with a Quaternary Carbon Atom in the β^2 -Position by Cu-H-Catalyzed Enantioselective Silylation. <i>ACS Organic & Inorganic Au</i> , 2022, 2, 164-168.	1.9	0
5	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
6	Cationic Ru-Se Complexes for Cooperative Si-H Bond Activation. <i>Organometallics</i> , 2020, 39, 4747-4753.	1.1	3
7	Synthese eines gegenanionstabilisierten Bis(silylium)ions. <i>Angewandte Chemie</i> , 2020, 132, 10609-10613.	1.6	5
8	Synthesis of a Counteranion-stabilized Bis(silylium) Ion. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10523-10526.	7.2	16
9	Autocatalytic Carbonyl Arylation through In Situ Release of Aryl Nucleophiles from $N\text{-Ar}_2\text{N}=\text{N}=\text{N}-\text{Si}(\text{R})_2$ Silyldiazenes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12337-12341.	7.2	13
10	Autokatalytische Carbonylarylierung mittels lokaler Freisetzung von Arylnucleophilen ausgehend von $N\text{-Ar}_2\text{N}=\text{N}=\text{N}-\text{Si}(\text{R})_2$ Silyldiazenen. <i>Angewandte Chemie</i> , 2020, 132, 12436-12440.	1.6	4
11	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
12	Kupferkatalysierte regio- und enantioselektive Addition von Silicium-Grignard-Reagenzien an durch Azaarylgruppen aktivierte Alkene. <i>Angewandte Chemie</i> , 2019, 131, 10833-10836.	1.6	2
13	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
14	Katalytische Difunktionalisierung von nichtaktivierten Alkenen mit reaktionsträgem Hexamethyldisilan durch Neubildung von Silyliumionen. <i>Angewandte Chemie</i> , 2019, 131, 17468-17472.	1.6	5
15	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
16	Characterization of hydrogen-substituted silylium ions in the condensed phase. <i>Science</i> , 2019, 365, 168-172.	6.0	32
17	Spaltung nicht aktivierter $\text{Si}(\text{sp}^3)$ -Bindungen mit Reedschen Carboransäuren: Bildung bekannter und unbekannter Silyliumionen. <i>Angewandte Chemie</i> , 2018, 130, 9317-9320.	1.6	13
18	Cleavage of Unactivated $\text{Si}^{\sim}\text{C}(\text{sp}^3)$ 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

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19	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
20	Enantioselektive Nazarovâ€Cyclisierungen, die von einer axialâ€Chiralen, C₆F₅-substituierten Borâ€Lewisâ€Säure katalysiert werden. <i>Angewandte Chemie</i> , 2018, 130, 11612-11615.	1.6	5
21	Enantioselective Nazarov Cyclizations Catalyzed by an Axial Chiral C₆F₅-Substituted Boron Lewis Acid. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11441-11444.	7.2	18
22	Elektrophile Formylierung von Aromaten durch silyliumionvermittelte Aktivierung von Kohlenmonoxid. <i>Angewandte Chemie</i> , 2018, 130, 8433-8437.	1.6	11
23	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
24	A Tethered Ruâ€S Complex with an Axial Chiral Thiolate Ligand for Cooperative Siâ€H Bond Activation: Application to Enantioselective Imine Reduction. <i>Chemistry - A European Journal</i> , 2017, 23, 6213-6219.	1.7	25
25	An Air-Stable Dimeric Ruâ€S Complex with an NHC as Ancillary Ligand for Cooperative Siâ€H Bond Activation. <i>Organometallics</i> , 2016, 35, 925-928.	1.1	35
26	Chemoselective Tinâ€Boron Exchange Aided by the Use of Dummy Ligands at the Tin Atom. <i>Organometallics</i> , 2014, 33, 5097-5100.	1.1	19
27	Regioâ€and Diastereoselective Copper(I)-Catalyzed Allylic Substitution of β -Hydroxy Allylic Chlorides by a Silicon Nucleophile. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4903-4908.	1.2	25