

Elwira Bisz

List of Publications by Year in descending order

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papers

722
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686830

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29
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citing authors

#	ARTICLE	IF	CITATIONS
1	Iron-Catalyzed Cross-Couplings in the Synthesis of Pharmaceuticals: In Pursuit of Sustainability. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11116-11128.	7.2	214
2	Iron-Catalyzed C=O Bond Activation: Opportunity for Sustainable Catalysis. <i>ChemSusChem</i> , 2017, 10, 3964-3981.	3.6	95
3	Eisenkatalysierte Kreuzkupplungen in der Synthese von Pharmazeutika: Streben nach Nachhaltigkeit. <i>Angewandte Chemie</i> , 2018, 130, 11284-11297.	1.6	54
4	Cyclic ureas (DMI, DMPU) as efficient, sustainable ligands in iron-catalyzed C(sp ²)–C(sp ³) coupling of aryl chlorides and tosylates. <i>Green Chemistry</i> , 2017, 19, 5361-5366.	4.6	46
5	2-Methyltetrahydrofuran: A Green Solvent for Iron-Catalyzed Cross-Coupling Reactions. <i>ChemSusChem</i> , 2018, 11, 1290-1294.	3.6	44
6	Barriers to Rotation in ortho-Substituted Tertiary Aromatic Amides: Effect of Chloro-Substitution on Resonance and Distortion. <i>Journal of Organic Chemistry</i> , 2018, 83, 3159-3163.	1.7	29
7	Palladium-NHC (NHC = N-heterocyclic Carbene)-Catalyzed Suzuki–Miyaura Cross-Coupling of Alkyl Amides. <i>ACS Catalysis</i> , 2022, 12, 2426-2433.	5.5	23
8	<i>N</i> -Acyl-glutarimides: Effect of Glutarimide Ring on the Structures of Fully Perpendicular Twisted Amides and N–C Bond Cross-Coupling. <i>Journal of Organic Chemistry</i> , 2020, 85, 5475-5485.	1.7	21
9	Iron-Catalyzed C(sp ²)–C(sp ³) Cross-Coupling of Chlorobenzenesulfonamides with Alkyl Grignard Reagents: Entry to Alkylated Aromatics. <i>Journal of Organic Chemistry</i> , 2019, 84, 1640-1646.	1.7	17
10	Iron-Catalyzed C(sp ²)–C(sp ³) Cross-Coupling of Chlorobenzamides with Alkyl Grignard Reagents: Development of Catalyst System, Synthetic Scope, and Application. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 85-95.	2.1	17
11	Synthesis, characterization and catalytic properties for olefin polymerization of two new dimeric zirconium(IV) complexes having diamine-bis(phenolate) and chloride ligands. <i>Applied Catalysis A: General</i> , 2015, 503, 26-33.	2.2	15
12	Nickel-Catalyzed C(sp ²)–C(sp ³) Kumada Cross-Coupling of Aryl Tosylates with Alkyl Grignard Reagents. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 2329-2336.	2.1	15
13	Dichlorovanadium(IV) diamine-bis(phenolate) complexes for ethylene (co)polymerization and 1-olefin isospecific polymerization. <i>Journal of Catalysis</i> , 2018, 362, 65-73.	3.1	14
14	Iron-catalyzed C(sp ²)–C(sp ³) cross-coupling at low catalyst loading. <i>Catalysis Science and Technology</i> , 2019, 9, 1092-1097.	2.1	12
15	<i>N</i> -Methylcaprolactam as a Dipolar Aprotic Solvent for Iron-Catalyzed Cross-Coupling Reactions: Matching Efficiency with Safer Reaction Media. <i>ChemCatChem</i> , 2019, 11, 1196-1199.	1.8	12
16	Evaluation of Cyclic Amides as Activating Groups in N–C Bond Cross-Coupling: Discovery of <i>N</i> -Acyl- <i>l</i> -valerolactams as Effective Twisted Amide Precursors for Cross-Coupling Reactions. <i>Journal of Organic Chemistry</i> , 2021, 86, 10455-10466.	1.7	12
17	N-Heterocyclic Carbene Complexes of Nickel(II) from Caffeine and Theophylline: Sustainable Alternative to Imidazol-2-ylidenes. <i>Organometallics</i> , 2022, 41, 1806-1815.	1.1	12
18	A comparative study on the polymerization of 1-octene promoted by vanadium and titanium complexes supported by phenoxyimine and salen type ligands. <i>Journal of Polymer Research</i> , 2013, 20, 1.	1.2	11

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19	Iron-Catalyzed C(sp ²)–C(sp ³) Cross-Coupling of Aryl Chlorobenzoates with Alkyl Grignard Reagents. <i>Molecules</i> , 2020, 25, 230.	1.7	11
20	Polypropylene and poly(ethylene-co-1-octene) effective synthesis with diamine-bis(phenolate) complexes: Effect of complex structure on catalyst activity and product microstructure. <i>Journal of Polymer Science Part A</i> , 2017, 55, 2467-2476.	2.5	9
21	Ligand Effect on Iron–Catalyzed Cross–Coupling Reactions: Evaluation of Amides as O–Coordinating Ligands. <i>ChemCatChem</i> , 2019, 11, 5733-5737.	1.8	9
22	Cobalt–NHC Catalyzed C(sp ²)–C(sp ³) and C(sp ²)–C(sp ²) Kumada Cross–Coupling of Aryl Tosylates with Alkyl and Aryl Grignard Reagents. <i>ChemCatChem</i> , 2021, 13, 202-206.	1.8	9
23	<i>N</i> -Butylpyrrolidone (NBP) as a non-toxic substitute for NMP in iron-catalyzed C(sp ²)–C(sp ³) cross-coupling of aryl chlorides. <i>Green Chemistry</i> , 2021, 23, 7515-7521.	4.6	8
24	Novel diamine-bis(phenolate) Ti(IV) complexes – tuning the complex structure to control catalytic properties in α -olefin polymerization. <i>Applied Catalysis A: General</i> , 2016, 525, 137-144.	2.2	7
25	Iron-Catalyzed Cross-Coupling Reactions of Alkyl Grignards with Aryl Chlorobenzenesulfonates. <i>Molecules</i> , 2021, 26, 5895.	1.7	3
26	2,4-Di- <i>tert</i> -butyl-6-([2-(dimethylamino)ethyl](2-hydroxybenzyl)amino)methylphenol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o678-o678.	0.2	1
27	Structures and energetic properties of 4-halobenzamides. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018, 74, 1395-1402.	0.2	1
28	Iron-Catalyzed C=O Bond Activation: Opportunity for Sustainable Catalysis. <i>ChemSusChem</i> , 2017, 10, 3865-3865.	3.6	0