

Pd Metal Catalysts for Cross-Couplings and Related Reactions Critical Review

Chemical Reviews

118, 2249-2295

DOI: 10.1021/acs.chemrev.7b00443

Citation Report

#	ARTICLE	IF	CITATIONS
1	Applications of SBA-15 supported Pd metal catalysts as nanoreactors in C–C coupling reactions. RSC Advances, 2018, 8, 41048-41100.	3.6	41
2	Palladium-scavenging self-assembled hybrid hydrogels as reusable highly-active green catalysts for Suzuki–Miyaura cross-coupling reactions. Chemical Science, 2018, 9, 8673-8681.	7.4	57
3	Pd/Gorlos-Phos-catalyzed cross-coupling between two different aryl chlorides in the presence of B ₂ Pin ₂ and cytotoxicity studies of the products. Organic Chemistry Frontiers, 2018, 5, 3319-3323.	4.5	5
4	Mechanisms of Bisphosphine Iron-Catalyzed C(SP ²)-C(SP ³) Cross-Coupling Reactions: Inner-Sphere or Outer-Sphere Arylation?. Comments on Inorganic Chemistry, 2018, 38, 210-237.	5.2	8
5	Synthesis of Pyridazine Derivatives by Suzuki-Miyaura Cross-Coupling Reaction and Evaluation of Their Optical and Electronic Properties through Experimental and Theoretical Studies. Molecules, 2018, 23, 3014.	3.8	7
6	Pd/DNA as Highly Active and Recyclable Catalyst of Suzuki–Miyaura Coupling. Catalysts, 2018, 8, 552.	3.5	16
7	Directed ortho Metalation (DoM)-Linked Corriu–Kumada, Negishi, and Suzuki–Miyaura Cross-Coupling Protocols: A Comparative Study. Synthesis, 2018, 50, 4395-4412.	2.3	7
8	Facile synthesis of palladium nanoparticles on hierarchical hollow silica spheres and its catalytic properties in Suzuki-reaction. Royal Society Open Science, 2018, 5, 180545.	2.4	11
9	Benzosulfonate-Based Boronates: Preparation and Application in a Tandem Suzuki Reaction. Advanced Synthesis and Catalysis, 2018, 360, 4604-4614.	4.3	8
10	Planar Chiral Ferrocene-Based N-Heterocyclic Carbene Ligands. Chemistry - A European Journal, 2018, 24, 18575-18586.	3.3	46
11	Formation of hierarchically-ordered nanoporous silver foam and its electrocatalytic properties in reductive dehalogenation of organic compounds. New Journal of Chemistry, 2018, 42, 17499-17512.	2.8	6
12	A new efficient, highly dispersed, Pd nanoparticulate silica supported catalyst synthesized from an organometallic precursor. Study of the homogeneous vs. heterogeneous activity in the Suzuki-Miyaura reaction. Journal of Catalysis, 2018, 367, 283-295.	6.2	29
13	Decarboxylative Negishi Coupling of Redox-Active Aliphatic Esters by Cobalt Catalysis. Angewandte Chemie, 2018, 130, 13280-13284.	2.0	21
14	Decarboxylative Negishi Coupling of Redox-Active Aliphatic Esters by Cobalt Catalysis. Angewandte Chemie - International Edition, 2018, 57, 13096-13100.	13.8	78
15	Palladium-catalyzed cascade carboesterification of norbornene with alkynes. Organic and Biomolecular Chemistry, 2018, 16, 8495-8504.	2.8	5
16	Direct Synthesis of Chalcones from Anilides with Phenyl Vinyl Ketones by Oxidative Coupling Through C–H Bond Activation. ACS Omega, 2018, 3, 5375-5381.	3.5	4
17	Organometallic Gold(III) Reagents for Cysteine Arylation. Journal of the American Chemical Society, 2018, 140, 7065-7069.	13.7	148
18	Electrophilic Cyclization Involving Carbon–Selenium/Carbon–Halide Bond Formation: Synthesis of 3-Substituted Selenophenes. Journal of Organic Chemistry, 2018, 83, 6706-6718.	3.2	30

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19	A polystyrene supported [PdCl ₂ (SeCSe)] complex: a novel, reusable and robust heterogeneous catalyst for the Sonogashira synthesis of 1,2-disubstituted alkynes and 1,3-enynes. New Journal of Chemistry, 2018, 42, 11471-11479.	2.8	21
20	Metal-Catalyzed C-H Functionalization Processes with Click-Triazole Assistance. European Journal of Organic Chemistry, 2018, 2018, 6034-6049.	2.4	21
21	Functional Group Transposition: A Palladium-Catalyzed Metathesis of Ar-X Bonds and Acid Chloride Synthesis. Journal of the American Chemical Society, 2018, 140, 10140-10144.	13.7	81
22	Synthesis of a palladium acetylide-based tubular microporous polymer monolith via a self-template approach: a potential precursor of supported palladium nanoparticles for heterogeneous catalysis. RSC Advances, 2018, 8, 25277-25282.	3.6	16
23	Direct Transformation of Arylamines to Aryl Halides via Sodium Nitrite and N-Halosuccinimide. Chemistry - A European Journal, 2018, 24, 14622-14626.	3.3	33
24	Palladium nanodendrites uniformly deposited on the surface of polymers as an efficient and recyclable catalyst for direct drug modification via Z-selective semihydrogenation of alkynes. Green Chemistry, 2018, 20, 3875-3883.	9.0	9
25	Heterogeneous Catalytic Composites from Palladium Nanoparticles in Montmorillonite Intercalated with Poly (Vinyl Pyrrolidone) Chains. Polymers, 2018, 10, 669.	4.5	10
26	Highly Recoverable Pd(II) Catalysts for the Mizoroki-Heck Reaction Based on N-Heterocyclic Carbenes and Poly(benzyl ether) Dendrons. Organometallics, 2018, 37, 3598-3610.	2.3	15
27	Comprehensive Study of the Reactions Between Chelating Phosphines and Ni(cod) ₂ . Organometallics, 2018, 37, 3259-3268.	2.3	31
28	Synthesis, characterization and catalytic performance of palladium supported on pyridine-based covalent organic polymer for Suzuki-Miyaura reaction. Applied Organometallic Chemistry, 2019, 33, e5172.	3.5	23
29	A new, substituted palladacycle for ppm level Pd-catalyzed Suzuki-Miyaura cross couplings in water. Chemical Science, 2019, 10, 8825-8831.	7.4	56
30	Designer 3D CoAl-layered double hydroxide@N, S doped graphene hollow architecture decorated with Pd nanoparticles for Sonogashira couplings. Applied Surface Science, 2019, 496, 143599.	6.1	22
31	Regioselective Single-Electron Tsuji-Trost Reaction of Allylic Alcohols: A Photoredox/Nickel Dual Catalytic Approach. Organic Letters, 2019, 21, 6543-6547.	4.6	31
32	The Destiny of Palladium: Development of Efficient Palladium Analysis Techniques in Enhancing Palladium Recovery. Organic Process Research and Development, 2019, 23, 2175-2180.	2.7	13
33	Metal Organic Frameworks as Robust Host of Palladium Nanoparticles in Heterogeneous Catalysis: Synthesis, Application, and Prospect. ACS Applied Materials & Interfaces, 2019, 11, 32579-32598.	8.0	120
34	C-N Cross-Couplings for Site-Selective Late-Stage Diversification via Aryl Sulfonium Salts. Journal of the American Chemical Society, 2019, 141, 13346-13351.	13.7	152
35	Development of Metal Nanoparticle Catalysis toward Drug Discovery. Chemical and Pharmaceutical Bulletin, 2019, 67, 733-771.	1.3	10
36	Catalytic Transfer Hydrodebenzylation with Low Palladium Loading. Advanced Synthesis and Catalysis, 2019, 361, 4781-4789.	4.3	21

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37	Functionalization of silica gel by ultrasound-assisted surface Suzuki coupling. Tetrahedron Letters, 2019, 60, 150937.	1.4	2
38	Porous organic polymer with in situ generated palladium nanoparticles as a phase-transfer catalyst for Sonogashira cross-coupling reaction in water. RSC Advances, 2019, 9, 21671-21678.	3.6	17
39	Ligand-free Suzuki–Miyaura coupling reaction of an aryl chloride using a continuous irradiation type microwave and a palladium nanoparticle catalyst: effect of a co-existing solid. Green Chemistry, 2019, 21, 4541-4549.	9.0	12
40	Benzophenone assisted UV-activated synthesis of unique Pd-nanodendrite embedded reduced graphene oxide nanocomposite: a catalyst for C–C coupling reaction and fuel cell. RSC Advances, 2019, 9, 21329-21343.	3.6	10
41	Synthesis and structural characterization of 20-membered macrocyclic rings bearing trans-chelating bis(N-heterocyclic carbene) ligands and the catalytic activity of their palladium(ii) complexes. Dalton Transactions, 2019, 48, 12577-12590.	3.3	10
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43	Synthesis, structural properties and reactivity of ruthenocene-based pincer Pd(ii) tetrahydroborate. Dalton Transactions, 2019, 48, 12720-12729.	3.3	8
44	Carbopalladation/Suzuki Coupling Cascade for the Generation of Quaternary Centers: Access to Pyrrolo[1,2- <i>b</i>]isoquinolines. Journal of Organic Chemistry, 2019, 84, 10183-10196.	3.2	7
45	Palladium nanoparticles supported on graphene acid: a stable and eco-friendly bifunctional C–C homo- and cross-coupling catalyst. Green Chemistry, 2019, 21, 5238-5247.	9.0	33
46	An Efficient Approach to Regio- and Stereodefined Fully-Substituted Alkenylsilanes by Pd-Catalyzed Allenic C(sp ³)–H Oxidation. Chemistry - A European Journal, 2019, 25, 11566-11573.	3.3	3
47	Recent developments in palladium (nano)catalysts supported on polymers for selective and sustainable oxidation processes. Coordination Chemistry Reviews, 2019, 397, 54-75.	18.8	103
48	Mesoporous Hierarchically Hollow Flower-Like CoAl-LDH@N,S-doped Graphene@Pd Nanoarchitectures for Heck Couplings. Catalysis Letters, 2019, 149, 2984-2993.	2.6	15
49	Nickel-metalated porous organic polymer for Suzuki–Miyaura cross-coupling reaction. RSC Advances, 2019, 9, 20266-20272.	3.6	12
50	Palladium nanoparticles supported on silica, alumina or titania: greener alternatives for Suzuki–Miyaura and other C–C coupling reactions. Environmental Chemistry Letters, 2019, 17, 1585-1602.	16.2	49
51	A domino reaction for generating β^2 -aryl aldehydes from alkynes by substrate recognition catalysis. Nature Communications, 2019, 10, 4868.	12.8	7
52	Multifunctional Tubular Organic Cage-Supported Ultrafine Palladium Nanoparticles for Sequential Catalysis. Angewandte Chemie - International Edition, 2019, 58, 18011-18016.	13.8	103
53	Metal-Free Aryl Cross-Coupling Directed by Traceless Linkers. Chemistry - A European Journal, 2019, 25, 16068-16073.	3.3	11
54	Multifunctional Tubular Organic Cage-Supported Ultrafine Palladium Nanoparticles for Sequential Catalysis. Angewandte Chemie, 2019, 131, 18179-18184.	2.0	30

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55	Analysis of Differential Selectivity Using Phase Trajectories of Catalytic Reactions: New Aspects and Applications. <i>Kinetics and Catalysis</i> , 2019, 60, 551-572.	1.0	18
56	Regioselective Oxybromination of Benzene and Its Derivatives by Bromide Anion with a Mononuclear Nonheme Mn(IV)â€“Oxo Complex. <i>Inorganic Chemistry</i> , 2019, 58, 14299-14303.	4.0	8
57	Potential Safety Hazards Associated with Pd-Catalyzed Cross-Coupling Reactions. <i>Organic Process Research and Development</i> , 2019, 23, 2608-2626.	2.7	24
58	Recent Advances and Prospects of Organic Reactions â€œOn Waterâ€•. <i>ChemistrySelect</i> , 2019, 4, 12337-12355.	1.5	25
59	Sustainable Ligandâ€Free, Palladiumâ€Catalyzed Suzukiâ€Miyaura Reactions in Water: Insights into the Role of Base. <i>ChemSusChem</i> , 2019, 12, 5265-5273.	6.8	18
60	Palladiumâ€Catalyzed Domino Heck/Phosphorylation towards 3,3â€Disubstituted Phosphinonyloxindoles. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4961-4965.	4.3	10
61	Ironâ€Catalyzed Crossâ€Coupling of Alkynyl and Styrenyl Chlorides with Alkyl Grignard Reagents in Batch and Flow. <i>Chemistry - A European Journal</i> , 2019, 25, 14532-14535.	3.3	21
62	1-Butyl-3-methyl-2-(diphenylphosphino)imidazolium hexafluorophosphate as an efficient ligand for recoverable palladium-catalyzed Suzuki-Miyaura reaction in neat water. <i>Journal of Organometallic Chemistry</i> , 2019, 901, 120941.	1.8	12
63	Palladium Mesoionic Carbene Pre-catalyst for General Cross-Coupling Transformations in Deep Eutectic Solvents. <i>Frontiers in Chemistry</i> , 2019, 7, 700.	3.6	21
64	Nickel-catalyzed reductive defunctionalization of esters in the absence of an external reductant: activation of Câ€O bonds. <i>Chemical Communications</i> , 2019, 55, 13610-13613.	4.1	16
65	Uniform, Scalable, High-Temperature Microwave Shock for Nanoparticle Synthesis through Defect Engineering. <i>Matter</i> , 2019, 1, 759-769.	10.0	58
66	Pd/PTABS: An Efficient Catalytic System for the Aminocarbonylation of a Sugar-Protected Nucleoside. <i>Synthesis</i> , 2019, 51, 4239-4248.	2.3	15
67	Palladium(â€“) ligated with a selenated (Se, C _{NHC} , N ^{â€})-type pincer ligand: an efficient catalyst for Mizorokiâ€Heck and Suzukiâ€Miyaura coupling in water. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 8969-8976.	2.8	42
68	Pd Nanoparticles Capped with [CpPd(II)Cl] ₂ Complexes for Hydrogenation and Acid-Free Acetalization of 1,2-Unsaturated Aldehydes. <i>ACS Applied Nano Materials</i> , 2019, 2, 5634-5642.	5.0	3
69	Perfluorinated phosphine and hybrid Pâ€O ligands for Pd catalysed Câ€C bond forming reactions in solution and on Teflon supports. <i>RSC Advances</i> , 2019, 9, 28936-28945.	3.6	4
70	Designing a Mesoporous Zeolite Catalyst for Products Optimizing in n-Decane Hydrocracking. <i>Catalysts</i> , 2019, 9, 766.	3.5	7
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72	Synthesis of PdCu nanowire assembly and their catalytic activity toward ethanol oxidation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 583, 123909.	4.7	8

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73	Cu(0)/Selectfluor system-catalyzed intramolecular Csp ² -H/Csp ² -H cross-dehydrogenative coupling (CDC). <i>Tetrahedron</i> , 2019, 75, 130533.	1.9	16
74	One-Pot Aqueous and Template-Free Synthesis of Mesoporous Polymeric Resins. <i>Catalysts</i> , 2019, 9, 782.	3.5	1
75	Metal-catalyzed cross-coupling chemistry with polyhedral boranes. <i>Chemical Communications</i> , 2019, 55, 430-442.	4.1	99
76	Pd@Co nanoalloys nested on CuO nanosheets for efficient electrocatalytic N ₂ reduction and room-temperature Suzuki-Miyaura coupling reaction. <i>Nanoscale</i> , 2019, 11, 1379-1385.	5.6	40
77	Catalytic farming: reaction rotation extends catalyst performance. <i>Chemical Science</i> , 2019, 10, 1419-1425.	7.4	18
78	Biocatalytic Friedel-Crafts Alkylation Using a Promiscuous Biosynthetic Enzyme. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3151-3155.	13.8	37
79	Biocatalytic Friedel-Crafts Alkylation Using a Promiscuous Biosynthetic Enzyme. <i>Angewandte Chemie</i> , 2019, 131, 3183-3187.	2.0	25
80	The role of palladium nanoparticles in catalytic C-C cross-coupling reactions. <i>Coordination Chemistry Reviews</i> , 2019, 384, 1-20.	18.8	142
81	Salen-porphyrin-based conjugated microporous polymer supported Pd nanoparticles: highly efficient heterogeneous catalysts for aqueous C-C coupling reactions. <i>Journal of Materials Chemistry A</i> , 2019, 7, 2660-2666.	10.3	97
82	Pd@Au@Y as Efficient Catalyst for C-C Coupling Reactions, Benzylic C-H Bond Activation, and Oxidation of Ethanol for Synthesis of Cinnamaldehydes. <i>ACS Catalysis</i> , 2019, 9, 5860-5875.	11.2	35
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84	Controlled assembly of Ag nanoparticles on the surface of phosphate pillar [6]arene functionalized single-walled carbon nanotube for enhanced catalysis and sensing performance. <i>Electrochimica Acta</i> , 2019, 318, 711-719.	5.2	23
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86	A Kinetic Study of the Step of Aryl Halide Activation in a Direct Arylation Reaction of Indole under Real Catalysis Conditions. <i>Kinetics and Catalysis</i> , 2019, 60, 337-342.	1.0	2
87	High Glass-Transition Temperature Polymer Networks Harnessing the Dynamic Ring Opening of Pinacol Boronates. <i>Angewandte Chemie</i> , 2019, 131, 12344-12350.	2.0	1
88	Copper-catalyzed Mizoroki-Heck coupling reaction using an efficient and magnetically reusable Fe ₃ O ₄ @SiO ₂ @PrNCu catalyst. <i>Journal of Organometallic Chemistry</i> , 2019, 897, 236-246.	1.8	18
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90	High Glass-Transition Temperature Polymer Networks Harnessing the Dynamic Ring Opening of Pinacol Boronates. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12216-12222.	13.8	24

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92	20S Proteasome Inhibitory Activity of [η^5 -(9-Anthracenylmethyl)-1,3-propanediamine] (2,2'-Bipyridine) Palladium(II) Chloride. Chemistry Letters, 2019, 48, 936-938.	1.3	0
93	Cross-Coupling of Heteroatomic Electrophiles. Chemical Reviews, 2019, 119, 8192-8228.	47.7	151
94	Pd nanoparticle and molecular Pd ²⁺ leaching pathways for a strongly acid versus strongly basic resin supported Pd nanoparticle catalyst in Suzuki coupling. Chemical Engineering Journal, 2019, 374, 576-588.	12.7	41
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97	Impact of Oxidation State on Reactivity and Selectivity Differences between Nickel(III) and Nickel(IV) Alkyl Complexes. Angewandte Chemie, 2019, 131, 9202-9206.	2.0	4
98	A Bipyridine-Palladium Derivative as General Pre-Catalyst for Cross-Coupling Reactions in Deep Eutectic Solvents. Advanced Synthesis and Catalysis, 2019, 361, 3868-3879.	4.3	44
99	Fluorination of organoboron compounds. Organic and Biomolecular Chemistry, 2019, 17, 5651-5660.	2.8	19
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101	The role of phosphine ligands in the catalytic systems of the Heck reaction with aromatic carboxylic anhydrides. Russian Chemical Bulletin, 2019, 68, 817-824.	1.5	4
102	Palladium on magnetic Irish moss: A new nano-biocatalyst for suzuki type cross-coupling reactions. Applied Organometallic Chemistry, 2019, 33, e4859.	3.5	12
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104	Importance of monodentate mono-ligand designs in developing N-stabilized Pd catalysts for efficient ambient temperature C C coupling: Donor strengths and steric features. Molecular Catalysis, 2019, 473, 110398.	2.0	3
105	Palladium(II) Complexes with η^5 -Phosphine Oxide-Substituted Imidazolylienes (Poxlms): Coordination Chemistry and Catalysis. Organometallics, 2019, 38, 2298-2306.	2.3	10
106	Transition metal-catalyzed cross-coupling methodologies for the engineering of small molecules with applications in organic electronics and photovoltaics. Coordination Chemistry Reviews, 2019, 392, 177-236.	18.8	35
107	Distinguishing between Homogeneous and Heterogeneous Catalytic Activity in C-H Arylation of an Indole with Aryl Halides under Ligandless Conditions: Crucial Evidence from Real Catalytic Experiments. Organic Process Research and Development, 2019, 23, 1052-1059.	2.7	4
108	4-Amino-3-pentadecyl-3H-1,2,4-triazole-3-thiones and 3-pentadecyl-1,3,4-oxadiazole-2(3H)-thione for the preparation of dimeric palladium(II) complexes and their applications in Tsuji-Trost and Mizoroki-Heck reactions. Synthetic Communications, 2019, 49, 1301-1307.	2.1	10

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109	Time-Dependent Surface Oxidation of Pd Nanocubes and its Role in Controlling Catalytic Performance. <i>ChemNanoMat</i> , 2019, 5, 878-882.	2.8	2
110	Impact of Oxidation State on Reactivity and Selectivity Differences between Nickel(III) and Nickel(IV) Alkyl Complexes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9104-9108.	13.8	22
111	Cross-Coupling Reaction of Alkenyl Sulfoximines and Alkenyl Aminosulfoxonium Salts with Organozincs by Dual Nickel Catalysis and Lewis Acid Promotion. <i>Chemistry - A European Journal</i> , 2019, 25, 8371-8386.	3.3	5
112	Aromatic Halogenation Using <i>N</i> -Halosuccinimide and PhSSiMe_3 or PhSSPh . <i>Journal of Organic Chemistry</i> , 2019, 84, 7405-7410.	3.2	24
113	Modeling Key Pathways Proposed for the Formation and Evolution of "Cocktail"-Type Systems in Pd-Catalyzed Reactions Involving ArX Reagents. <i>ACS Catalysis</i> , 2019, 9, 3991-4005.	11.2	63
114	Iodide-Mediated or Iodide-Catalyzed Demethylation and Friedel-Crafts H Borylative Cyclization Leading to Thiophene-Fused 1,2-Oxaborine Derivatives. <i>Organic Letters</i> , 2019, 21, 2171-2175.	4.6	14
115	Pd and Pt Catalyst Poisoning in the Study of Reaction Mechanisms: What Does the Mercury Test Mean for Catalysis?. <i>ACS Catalysis</i> , 2019, 9, 2984-2995.	11.2	85
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117	Readily Available Immobilized Pd Catalysts for Suzuki-Miyaura Coupling under Continuous-Flow Conditions. <i>ChemCatChem</i> , 2019, 11, 2427-2431.	3.7	19
118	Palladium Catalyst with Task-Specific Ionic Liquid Ligands: Intracellular Reactions and Mitochondrial Imaging with Benzothiadiazole Derivatives. <i>Journal of Organic Chemistry</i> , 2019, 84, 5118-5128.	3.2	20
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120	A review on catalytic pyrolysis of microalgae to high-quality bio-oil with low oxygenous and nitrogenous compounds. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 108, 481-497.	16.4	127
121	Copper-Catalyzed Trifluoromethylation of Alkyl Bromides. <i>Journal of the American Chemical Society</i> , 2019, 141, 6853-6858.	13.7	114
122	Concepts of Catalysis in Site-Selective Protein Modifications. <i>Journal of the American Chemical Society</i> , 2019, 141, 8005-8013.	13.7	73
123	Hoveyda-Grubbs catalysts with an N^+Ru coordinate bond in a six-membered ring. Synthesis of stable, industrially scalable, highly efficient ruthenium metathesis catalysts and 2-vinylbenzylamine ligands as their precursors. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 769-779.	2.2	16
124	Identification of an Oxalamide Ligand for Copper-Catalyzed C=O Couplings from a Pharmaceutical Compound Library. <i>ChemCatChem</i> , 2019, 11, 5748-5753.	3.7	21
125	Different properties of P,C-donor Pd(II) and Pt(II); spectroscopic and X-ray analysis, catalytic potential and anti-proliferative potency. <i>Journal of Organometallic Chemistry</i> , 2019, 890, 21-31.	1.8	9
126	Fluorescent and colorimetric immunoassay of nuclear matrix protein 22 enhanced by porous Pd nanoparticles. <i>Chinese Chemical Letters</i> , 2019, 30, 1307-1309.	9.0	7

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127	Differential Dihydrofunctionalization of Terminal Alkynes: Synthesis of Benzylic Alkyl Boronates through Reductive Three-Component Coupling. <i>Journal of the American Chemical Society</i> , 2019, 141, 6173-6179.	13.7	39
128	Cobalt-Catalyzed Cross-Couplings and Electrophilic Aminations using Organozinc Pivalates. <i>ChemCatChem</i> , 2019, 11, 5188-5197.	3.7	26
129	Isinglass-palladium as collagen peptide-metal complex: a highly efficient heterogeneous biocatalyst for Suzuki cross-coupling reaction in water. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 1473-1481.	2.2	12
130	Eucalyptol: a new solvent for the synthesis of heterocycles containing oxygen, sulfur and nitrogen. <i>Green Chemistry</i> , 2019, 21, 1531-1539.	9.0	39
131	Synthesis of Cytospolide Analogues and Late-State Diversification Thereof. <i>Journal of Organic Chemistry</i> , 2019, 84, 3132-3147.	3.2	5
132	The Suzuki-Miyaura reaction after the Nobel prize. <i>Coordination Chemistry Reviews</i> , 2019, 385, 137-173.	18.8	279
133	Effect of Substrates on Catalytic Activity of Biogenic Palladium Nanoparticles in C-C Cross-Coupling Reactions. <i>ACS Omega</i> , 2019, 4, 3329-3340.	3.5	44
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135	Catalytic Intermolecular Functionalization of Benzimidazoles. , 2019, , .		0
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137	Water soluble-palladium nanoparticle engineering for C-C coupling, reduction and cyclization catalysis. <i>Green Chemistry</i> , 2019, 21, 6646-6657.	9.0	30
138	Process Economics and Atom Economy for Industrial Cross Coupling Applications via LnPd(0)-Based Catalysts. <i>Topics in Organometallic Chemistry</i> , 2019, , 161-198.	0.7	2
139	Amine-catalyzed and functional group-controlled chemo- and regioselective synthesis of multi-functionalized CF ₃ -benzene via a metal-free process. <i>Green Chemistry</i> , 2019, 21, 6179-6186.	9.0	21
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