Abdol Reza Hajipour

List of Publications by Year
in descending order

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256 papers	5,820 citations	101384 36 h-index	138251 58 g-index
302 all docs	302 docs citations	302 times ranked	4412 citing authors

#	Article	IF	Citations
1	The Hallucinogen N,N -Dimethyltryptamine (DMT) Is an Endogenous Sigma-1 Receptor Regulator. Science, 2009, 323, 934-937.	6.0	456
2	BrÃ¸nsted acidic ionic liquid as an efficient and reusable catalyst for one-pot synthesis of 1-amidoalkyl 2-naphthols under solvent-free conditions. Tetrahedron Letters, 2009, 50, 5649-5651.	0.7	144
3	Recent Progress in Ionic Liquids and their Applications in Organic Synthesis. Organic Preparations and Procedures International, 2015, 47, 249-308.	0.6	114
4	Pd/Cu-free Heck and Sonogashira cross-coupling reaction by Co nanoparticles immobilized on magnetic chitosan as reusable catalyst. Green Chemistry, 2017, 19, 1353-1361.	4.6	114
5	BrÃ¶nsted acidic ionic liquid as an efficient catalyst for chemoselective synthesis of 1,1-diacetates under solvent-free conditions. Catalysis Communications, 2008, 9, 89-96.	1.6	104
6	Acidic Bronsted Ionic Liquids. Organic Preparations and Procedures International, 2010, 42, 285-362.	0.6	100
7	Selective and Efficient Oxidation of Sulfides and Thiols with Benzyltriphenylphosphonium Peroxymonosulfate in Aprotic Solvent. Journal of Organic Chemistry, 2002, 67, 8666-8668.	1.7	92
8	Iron-catalyzed cross-coupling reaction: recyclable heterogeneous iron catalyst for selective olefination of aryl iodides in poly(ethylene glycol) medium. Green Chemistry, 2013, 15, 1030.	4.6	84
9	Tetramethylammonium Dichloroiodate:Â An Efficient and Environmentally Friendly Iodination Reagent for Iodination of Aromatic Compounds under Mild and Solvent-Free Conditions. Journal of Organic Chemistry, 2002, 67, 8622-8624.	1.7	81
10	Identification of Regions of the Ïƒ-1 Receptor Ligand Binding Site Using a Novel Photoprobe. Molecular Pharmacology, 2007, 72, 921-933.	1.0	78
11	A novel method for sulfonation of aromatic rings with silica sulfuric acid. Tetrahedron Letters, 2004, 45, 6607-6609.	0.7	72
12	Nitric acid in the presence of P2O5 supported on silica gelâ€"a useful reagent for nitration of aromatic compounds under solvent-free conditions. Tetrahedron Letters, 2005, 46, 8307-8310.	0.7	69
13	A convenient and mild procedure for the synthesis of alkyl p-toluenesulfinates under solvent-free conditions using microwave irradiation. Tetrahedron, 1999, 55, 2311-2316.	1.0	66
14	A Rapid and Convenient Synthesis of Oximes in Dry Media under Microwave Irradiation. Journal of Chemical Research Synopses, 1999, , 228-229.	0.3	66
15	Characterization of the Cocaine Binding Site on the Sigma-1 Receptorâ€. Biochemistry, 2007, 46, 3532-3542.	1.2	66
16	Nitric acid in the presence of supported P2O5 on silica gel: an efficient and novel reagent for oxidation of sulfides to the corresponding sulfoxides. Tetrahedron Letters, 2005, 46, 5503-5506.	0.7	65
17	A mild and efficient method for preparation of azides from alcohols using acidic ionic liquid [H-NMP]HSO4. Tetrahedron Letters, 2009, 50, 708-711.	0.7	65
18	Wet Silica-Supported Permanganate for the Cleavage of Semicarbazones and Phenylhydrazones under Solvent-Free Conditions. Journal of Organic Chemistry, 2003, 68, 4553-4555.	1.7	54

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19	P2O5/Al2O3 as an efficient heterogeneous catalyst for chemoselective synthesis of 1,1-diacetates under solvent-free conditions. Tetrahedron Letters, 2007, 48, 2881-2884.	0.7	54
20	Benzyltriphenylphosphonium Peroxodisulfate (PhCH2PPh3)2S2O8: a Mild and Inexpensive Reagent for Efficient Oxidation of Organic Compounds under Nonaqueous and Aprotic Conditions. Bulletin of the Chemical Society of Japan, 1998, 71, 1649-1653.	2.0	53
21	Oxidation of Alcohols to Carbonyl Compounds under Solvent-Free Conditions Using Permanganate Supported on Alumina. Chemistry Letters, 1999, 28, 99-100.	0.7	53
22	Benzyltriphenylphosphonium Peroxymonosulfate: As a Novel and Efficient Reagent for Oxidation of Alcohols under Solvent-Free Conditions. Chemistry Letters, 2000, 29, 460-461.	0.7	53
23	Multi walled carbon nanotubes supported N-heterocyclic carbeneâ€“cobalt (Î™Î™) as a novel, efficient and inexpensive catalyst for the Mizorokiâ€“Heck reaction. Catalysis Communications, 2016, 77, 1-4.	1.6	53
24	1-Benzyl-4-aza-1-azoniabicyclo[2.2.2]octane Periodate: a Mild and Efficient Oxidant for the Cleavage of Oxime Double Bonds under Anhydrous Conditionsâ€. Journal of Chemical Research Synopses, 1998, , 122-123.	0.3	52
25	Choline chloride/CuCl as an effective homogeneous catalyst for palladium-free Sonogashira cross-coupling reactions. Tetrahedron Letters, 2014, 55, 654-656.	0.7	48
26	Magnetic iron oxide nanoparticlesâ€“Nâ€heterocyclic carbeneâ€“palladium(II): a new, efficient and robust recyclable catalyst for Mizorokiâ€“Heck and Suzukiâ€“Miyaura coupling reactions. Applied Organometallic Chemistry, 2016, 30, 590-595.	1.7	48
27	Synthesis and characterization of hexagonal zirconium phosphate nanoparticles. Materials Letters, 2014, 116, 356-358.	1.3	46
28	Bis(1-benzyl-4-aza-1-azoniabicyclo[2.2.2]octane) Peroxodisulfate: A Mild and Efficient Oxidant for Cleavage of Nitrogen Double Bonds and Oxidation of Alcohols under Anhydrous Conditions. Bulletin of the Chemical Society of Japan, 1998, 71, 2655-2659.	2.0	45
29	A FACILE AND EFFICIENT METHOD FOR THE REGENERATION OF CARBONYL COMPOUNDS FROM HYDRAZONES AND OXIMES BY OXONEÂ® UNDER HETEROGENEOUS CONDITIONS. Organic Preparations and Procedures International, 1999, 31, 112-116.	0.6	45
30	Highly efficient and magnetically separable nano-CuFe2O4 catalyzed S-arylation of thiourea by aryl/heteroaryl halides. Chinese Chemical Letters, 2014, 25, 1382-1386.	4.8	44
31	The Inhibitory Î³ Subunit of the Rod cGMP Phosphodiesterase Binds the Catalytic Subunits in an Extended Linear Structure*. Journal of Biological Chemistry, 2006, 281, 15412-15422.	1.6	42
32	An Efficient and Selective Oxidation of Benzylic Alcohols to the Corresponding Carbonyl Compounds under Solvent-Free Conditions. Chemistry Letters, 2000, 29, 120-121.	0.7	41
33	Asymmetric Interaction between Rod Cyclic GMP Phosphodiesterase Î³ Subunits and Î±Î² Subunits. Journal of Biological Chemistry, 2005, 280, 12585-12592.	1.6	40
34	A convenient and regioselective oxidative bromination of electron-rich aromatic rings using potassium bromide and benzyltriphenylphosphonium peroxymonosulfate under nearly neutral reaction conditions. Tetrahedron Letters, 2007, 48, 1255-1259.	0.7	39
35	n-Butyltriphenylphosphonium Peroxodisulfate (BunPPh3)2S2O8: an Efficient and Inexpensive Reagent for the Cleavage of Carbonâ€“Nitrogen Double Bonds under Non-aqueous and Aprotic Conditions. Journal of Chemical Research Synopses, 1999, , 102-103.	0.3	38
36	Application of dimeric orthopalladate complex of homoveratrylamine as an efficient catalyst in the Heck cross-coupling reaction. Journal of Organometallic Chemistry, 2009, 694, 2548-2554.	0.8	38

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37	An efficient palladium catalytic system for microwave assisted cyanation of aryl halides. Journal of Organometallic Chemistry, 2011, 696, 819-824.	0.8	38
38	Probing the Steroid Binding Domain-like I (SBDLI) of the Sigma-1 Receptor Binding Site Using N-Substituted Photoaffinity Labels. Biochemistry, 2008, 47, 7205-7217.	1.2	36
39	BrÃ¸nsted Acidic Ionic Liquid as an Efficient and Reusable Catalyst for One-Pot, Three-Component Synthesis of Pyrimidinone Derivatives via Biginelli-Type Reaction Under Solvent-Free Conditions. Synthetic Communications, 2011, 41, 2226-2233.	1.1	35
40	Application of dimeric orthopalladated complex in Suzukiâ€“Miyaura cross coupling reaction under microwave irradiation and conventional heating. Inorganica Chimica Acta, 2011, 370, 531-535.	1.2	34
41	An efficient and novel method for the synthesis of sulfinate esters under solvent-free conditions. Tetrahedron Letters, 2006, 47, 2717-2719.	0.7	33
42	A fast and efficient method for the preparation of aryl azides using stable aryl diazonium silica sulfates under mild conditions. Tetrahedron Letters, 2009, 50, 4443-4445.	0.7	33
43	The one-pot synthesis of 14-aryl or alkyl-14H-dibenzo[a,j]xanthenes catalyzed by P2O5/Al2O3 under microwave irradiation. Dyes and Pigments, 2010, 85, 133-138.	2.0	33
44	Green, efficient and large-scale synthesis of benzimidazoles, benzoxazoles and benzothiazoles derivatives using ligand-free cobalt-nanoparticles: as potential anti-estrogen breast cancer agents, and study of their interactions with estrogen receptor by molecular docking. RSC Advances, 2015, 5, 107822-107828.	1.7	33
45	Pd nanoparticles immobilized on magnetic chitosan as a novel reusable catalyst for green Heck and Suzuki crossâ€coupling reaction: In water at room temperature. Applied Organometallic Chemistry, 2018, 32, e4112.	1.7	33
46	Heck coupling reaction using monomeric orthoâ€palladated complex of 4â€methoxyâ€• benzoylmethylenetriphenylphosphorane under microwave irradiation. Applied Organometallic Chemistry, 2010, 24, 798-804.	1.7	32
47	Copperâ€•and phosphineâ€free Sonogashira coupling reaction catalyzed by silicaâ€“(acac)â€supported palladium nanoparticles in water. Applied Organometallic Chemistry, 2014, 28, 696-698.	1.7	32
48	Cobalt nanoparticles supported on ionic liquidâ€functionalized multiwall carbon nanotubes as an efficient and recyclable catalyst for Heck reaction. Applied Organometallic Chemistry, 2015, 29, 805-808.	1.7	32
49	DABCO-functionalized silicaâ€“copper(<scp>i</scp>) complex: a novel and recyclable heterogeneous nanocatalyst for palladium-free Sonogashira cross-coupling reactions. New Journal of Chemistry, 2016, 40, 6939-6945.	1.4	32
50	A comparative study of the catalytic activity of Co- and CoFe₂O₄-NPs in Câ€“N and Câ€“O bond formation: synthesis of benzimidazoles and benzoxazoles from o-haloanilides. New Journal of Chemistry, 2016, 40, 10474-10481.	1.4	31
51	Friedelâ€“Crafts acylation of aromatic compounds with carboxylic acids in the presence of P2O5/SiO2 under heterogeneous conditions. Tetrahedron Letters, 2008, 49, 6715-6719.	0.7	30
52	Immobilized Pd on (S)â€methyl histidinateâ€modified multiâ€walled carbon nanotubes: a powerful and recyclable catalyst for Mizorokiâ€“Heck and Suzukiâ€“Miyaura Câ€“C crossâ€coupling reactions in green solvents and under mild conditions. Applied Organometallic Chemistry, 2016, 30, 256-261.	1.7	30
53	BENZYLTRIPHENYLPHOSPHONIUM DICHROMATE AS A MILD REAGENT FOR THE OXIDATION OF ORGANIC COMPOUNDS. Organic Preparations and Procedures International, 1999, 31, 335-341.	0.6	29
54	Application of dimeric cyclopalladated complex of tribenzylamine as an efficient catalyst in the Heck cross-coupling reaction. Journal of Organometallic Chemistry, 2011, 696, 2669-2675.	0.8	29

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55	Silica grafted ammonium salts based on DABCO as heterogeneous catalysts for cyclic carbonate synthesis from carbon dioxide and epoxides. RSC Advances, 2015, 5, 22373-22379.	1.7	29
56	Synthesis of diaryl thioethers from aryl halides and potassium thiocyanate. Applied Organometallic Chemistry, 2014, 28, 879-883.	1.7	28
57	IODINATION OF AROMATIC COMPOUNDS UNDER MILD AND SOLVENT-FREE CONDITIONS. Organic Preparations and Procedures International, 2002, 34, 647-651.	0.6	26
58	Sulfhydryl-Reactive, Cleavable, and Radioiodinatable Benzophenone Photoprobes for Study of Proteinâ˜Protein Interaction. Bioconjugate Chemistry, 2005, 16, 685-693.	1.8	26
59	Regioselective Heck reaction catalyzed by Pd nanoparticles immobilized on DNA-modified MWCNTs. RSC Advances, 2016, 6, 59124-59130.	1.7	26
60	Novel triazole-modified chitosan@nickel nanoparticles: efficient and recoverable catalysts for Suzuki reaction. New Journal of Chemistry, 2017, 41, 2386-2391.	1.4	26
61	Copper immobilized on magnetite nanoparticles coated with ascorbic acid: An efficient and reusable catalyst for Câ”€N and Câ”€O crossâ€coupling reactions. Applied Organometallic Chemistry, 2017, 31, e3769.	1.7	26
62	Iodination of alcohols using triphenylphosphine/iodine under solvent-free conditions using microwave irradiation. Tetrahedron Letters, 2006, 47, 4191-4196.	0.7	25
63	Microwave-enhanced synthesis of aryl nitriles using dimeric orthopalladated complex of tribenzylamine and K4[Fe(CN)6]. Tetrahedron Letters, 2012, 53, 526-529.	0.7	25
64	Sonogashira reactions catalyzed by a new and efficient copper(I) catalyst incorporating N-benzyl DABCO chloride. Tetrahedron Letters, 2014, 55, 3459-3462.	0.7	25
65	Synthesis of triazenes by using aryl diazonium silica sulfates under mild conditions. Dyes and Pigments, 2014, 101, 295-302.	2.0	25
66	Selective oxidation of alcohols over copper zirconium phosphate. Chinese Journal of Catalysis, 2014, 35, 1529-1533.	6.9	25
67	REGENERATION OF CARBONYL COMPOUNDS FROM OXIMES, HYDRAZONES, SEMICARBAZONES, ACETALS, 1,1-DIACETATES, 1,3-DITHIOLANES, 1,3-DITHIANES AND 1,3-OXATHIOLANES. Organic Preparations and Procedures International, 2003, 35, 527-581.	0.6	24
68	Simple and Efficient Procedure for the Friedelâ€“Crafts Acylation of Aromatic Compounds with Carboxylic Acids in the Presence of P₂O₅/AL₂O₃Under Heterogeneous Conditions. Synthetic Communications, 2009, 39, 2702-2722.	1.1	24
69	Accelerated Heck reaction using orthoâ€palladated complex in a nonaqueous ionic liquid with controlled microwave heating. Applied Organometallic Chemistry, 2011, 25, 542-551.	1.7	24
70	Pyridinium-Based BrÃ¸nsted Acidic Ionic Liquid as a Highly Efficient Catalyst for One-Pot Synthesis of Dihydropyrimidinones. Synthetic Communications, 2012, 42, 227-235.	1.1	24
71	Zirconium phosphate nanoparticles as a remarkable solid acid catalyst for selective solvent-free alkylation of phenol. Chinese Journal of Catalysis, 2014, 35, 1136-1147.	6.9	24
72	Hexagonal zirconium phosphate nanoparticles as an efficient and recyclable catalyst for selective solvent-free alkylation of phenol with cyclohexanol. Applied Catalysis A: General, 2014, 482, 99-107.	2.2	24

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73	Palladium nanoparticles immobilized on magnetic methionineâ€functionalized chitosan: A versatile catalyst for Suzuki and copperâ€free Sonogashira reactions of aryl halides at room temperature in water as only solvent. Applied Organometallic Chemistry, 2017, 31, e3701.	1.7	24
74	A Pd/Cu-Free magnetic cobalt catalyst for Câ€“N cross coupling reactions: synthesis of abemaciclib and fedratinib. Green Chemistry, 2021, 23, 5222-5229.	4.6	24
75	Suzukiâ€“Miyaura cross-coupling of aryldiazonium silica sulfates under mild and heterogeneous conditions. Tetrahedron Letters, 2012, 53, 406-408.	0.7	23
76	A complete scheme of tautomerism on diacetyl monoxime in the gas and solution phases. A comparative DFT study between B3LYP and M06-2X functionals. Computational and Theoretical Chemistry, 2014, 1045, 10-21.	1.1	23
77	Nickel embedded on triazole-modified magnetic nanoparticles: A novel and sustainable heterogeneous catalyst for Hiyama reaction in fluoride-free condition. Catalysis Communications, 2018, 103, 92-95.	1.6	23
78	Oxidation of Thiols to the Corresponding Disulfides with Tetramethylammonium Chlorochromate under Non-Aqueous Conditions. Journal of Chemical Research, 2002, 2002, 547-549.	0.6	22
79	Direct Sulfonylation of Aromatic Rings with Aryl or Alkyl Sulfonic Acid Using Supported P2O5/Al2O3. Phosphorus, Sulfur and Silicon and the Related Elements, 2005, 180, 2029-2034.	0.8	22
80	Accelerated Heck reaction using orthoâ€palladated complex with controlled microwave heating. Applied Organometallic Chemistry, 2009, 23, 504-511.	1.7	22
81	Oxidation of Thiols Using K2S2O8in Ionic Liquid. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 1920-1923.	0.8	22
82	A convenient and efficient protocol for oxidative aromatization of Hantzsch 1,4-dihydropyridines using benzyltriphenylphosphonium peroxymonosulfate under almost neutral reaction conditions. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 1008-1012.	1.0	21
83	Synthesis and characterization of new Pd(II) complexes of l-ethylphenylalanate. Amino Acids, 2009, 37, 537-541.	1.2	21
84	BrÃ¸nsted Acidic Ionic Liquidâ€“Catalyzed One-Pot Synthesis of 3,4-Dihydropyrimidin-2(1H)-ones and Thiones Under Solvent-Free Conditions. Synthetic Communications, 2011, 41, 2200-2208.	1.1	21
85	An efficient Stille crossâ€coupling reaction catalyzed by orthoâ€palladated complex of tribenzylamine under microwave irradiation. Applied Organometallic Chemistry, 2012, 26, 27-31.	1.7	21
86	Silica-acac-supported palladium nanoparticles as an efficient and reusable heterogeneous catalyst in the Suzukiâ€“Miyaura cross-coupling reaction in water. Journal of Chemical Sciences, 2014, 126, 85-93.	0.7	21
87	Simultaneous immobilization of a matrix containing palladium and phase transfer catalyst on silica nanoparticles: application as a recoverable catalyst for the Heck reaction in neat water. RSC Advances, 2014, 4, 20704-20708.	1.7	21
88	Câ€“N crossâ€coupling reaction catalysed by efficient and reusable CuO/SiO₂ nanoparticles under ligandâ€free conditions. Applied Organometallic Chemistry, 2014, 28, 809-813.	1.7	21
89	A versatile method for the synthesis of diaryl and alkyl aryl ketones via palladiumâ€catalysed crossâ€coupling reaction of arylboronic acids with acyl chlorides. Applied Organometallic Chemistry, 2015, 29, 181-184.	1.7	21
90	Nicotine-derived ammonium salts as highly efficient catalysts for chemical fixation of carbon dioxide into cyclic carbonates under solvent-free conditions. RSC Advances, 2015, 5, 61179-61183.	1.7	21

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91	METHYLTRIPHENYLPHOSPHONIUM PEROXYDISULFATE AND IODINE AS MILD REAGENTS FOR THE IODINATION OF ACTIVATED AROMATIC COMPOUNDS. Organic Preparations and Procedures International, 2005, 37, 279-283.	0.6	20
92	Oxidation of Benzylic Alcohols to Their Corresponding Carbonyl Compounds using KIO4 in Ionic Liquid by Microwave Irradiation. Synthetic Communications, 2006, 36, 2563-2568.	1.1	20
93	BrÃ¶nsted Acidic Ionic Liquid as an Efficient Catalyst for Acetylation of Alcohols and Phenols. Journal of the Chinese Chemical Society, 2009, 56, 398-403.	0.8	20
94	Applications of a monomeric orthopalladate complex containing mixed phosphorusâ€“nitrogen donors in the Heck reaction. Tetrahedron Letters, 2011, 52, 4782-4787.	0.7	20
95	Application of a dimeric orthoâ€palladated complex of tribenzylamine as an efficient catalyst in microwaveâ€assisted Hiyama coupling reactions. Applied Organometallic Chemistry, 2012, 26, 51-55.	1.7	20
96	Synthesis of substituted biaryls via Suzuki, Stille and Hiyama crossâ€coupling and homoâ€coupling reactions by CNâ€dimeric and monomeric orthoâ€palladated catalysts. Applied Organometallic Chemistry, 2013, 27, 412-418.	1.7	20
97	The [RPPh3]2[Pd2X6] as a Catalyst Precursor for the Heck Cross-Coupling Reaction by in situ Formation of Stabilized Pd(0) Nanoparticles. Synlett, 2013, 24, 254-258.	1.0	20
98	Acetylation of alcohols and phenols under solvent-free conditions using copper zirconium phosphate. Chinese Journal of Catalysis, 2014, 35, 1982-1989.	6.9	20
99	P₂O₅/Al₂O₃as an Efficient Heterogeneous Catalyst for the Acetylation of Alcohols, Phenols, Thiols, and Amines Under Solvent-Free Conditions. Synthetic Communications, 2011, 41, 1772-1785.	1.1	19
100	Microwave-Assisted Click Chemistry Synthesis of 1,2,3-Triazoles from Aryldiazonium Silica Sulfates in Water. Synthesis, 2012, 44, 3353-3360.	1.2	19
101	A Convenient and Mild Procedure for the Synthesis of Hydrazones and Semicarbazones from Aldehydes or Ketones under Solvent-free Conditions. Journal of Chemical Research Synopses, 1999, , 570-571.	0.3	18
102	A Controlled and Selective Bromination of Phenols by Benzyltriphenylphosphonium Tribromide. Journal of Chemical Research, 2002, 2002, 272-275.	0.6	18
103	Influence of acidic ionic liquids as an electrolyte additive on the electrochemical and corrosion behaviors of lead-acid battery. Journal of Solid State Electrochemistry, 2011, 15, 421-430.	1.2	18
104	Fabrication of covalently functionalized mesoporous silica coreâ€“shell magnetite nanoparticles with palladium(II) acetylacetonate: application as a magnetically separable nanocatalyst for Suzuki crossâ€coupling reaction of acyl halides with boronic acids. Applied Organometallic Chemistry, 2015, 29, 247-253.	1.7	18
105	Silica-Grafted Basic Amino Acids as Environmentally Benign Catalysts for the Solventless Synthesis of Cyclic Carbonates from Epoxides and CO2 under Metal-Free and Halide-Free Conditions. Synlett, 2016, 27, 929-933.	1.0	18
106	A novel and highly efficient polyanilineâ€functionalized multiwall carbon nanotubeâ€supported cu(I) complex for Sonogashira coupling reactions of aryl halides with phenylacetylene. Applied Organometallic Chemistry, 2018, 32, e3992.	1.7	18
107	BrÃ¸nsted Acidic Ionic Liquid as an Efficient and Reusable Catalyst for Synthesis of 14-Aryl- or 14-Alkyl-14H-dibenzo[a,j]xanthenes under Solvent-Free Conditions. Synlett, 2010, 2010, 741-744.	1.0	17
108	A comparative homocoupling reaction of aryl halides using monomeric orthopalladated complex of 4â€²-methoxybenzoylmethylenetriâ€•phenylphosphorane under conventional and microwave irradiation conditions. Applied Organometallic Chemistry, 2011, 25, 567-576.	1.7	17

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109	Copper(i) catalyzed Sonogashira reactions promoted by monobenzyl nicotinium chloride, a N-donor quaternary ammonium salt. RSC Advances, 2015, 5, 94369-94374.	1.7	17
110	A click strategy for the immobilization of palladium nanoparticles onto silica: efficient and recyclable catalysts for carbonâ€“carbon bond formation under mild reaction conditions. RSC Advances, 2016, 6, 78080-78089.	1.7	17
111	Application of Immobilized Proline on CNTs and Proline Ionic Liquid as Novel Organocatalysts in the Synthesis of 2-Amino-4H-pyran Derivatives: A Comparative Study between Their Catalytic Activities. ChemistrySelect, 2017, 2, 8976-8982.	0.7	17
112	Pd/Cuâ€free Heck and Sonogashira coupling reactions applying cobalt nanoparticles supported on multifunctional porous organic hybrid. Applied Organometallic Chemistry, 2020, 34, e5398.	1.7	17
113	Oxidation of Urazoles to Triazolinediones with Benzyltriphenylphosphonium Peroxymonosulfate under Solvent-Free Conditions. Chemistry Letters, 2001, 30, 164-165.	0.7	16
114	Synthesis and characterization of novel optically active poly(amideâ€“imide)s via direct amidation. European Polymer Journal, 2005, 41, 2290-2296.	2.6	16
115	Microwaveâ€assisted synthesis and characterization of heterocyclic, and optically active poly(amideâ€imide)s incorporating <scp>L</scp>â€amino acids. Polymers for Advanced Technologies, 2008, 19, 1710-1719.	1.6	16
116	Tetrahydropyranylation of Alcohols Under Solvent-Free Conditions. Synthetic Communications, 2009, 39, 1084-1091.	1.1	16
117	Synthesis and characterization of N,N-dialkyl and N-alkyl-N-aralkyl fenpropimorph-derived compounds as high affinity ligands for sigma receptors. Bioorganic and Medicinal Chemistry, 2010, 18, 4397-4404.	1.4	16
118	Electron-donating para-methoxy converts a benzamide-isoquinoline derivative into a highly Sigma-2 receptor selective ligand. Bioorganic and Medicinal Chemistry, 2011, 19, 7435-7440.	1.4	16
119	Aryldiazonium silica sulfates as efficient reagents for Heck-type arylation reactions under mild conditions. Tetrahedron Letters, 2011, 52, 4554-4557.	0.7	16
120	Selective oxidation of alcohols over nickel zirconium phosphate. Chinese Journal of Catalysis, 2015, 36, 1109-1116.	6.9	16
121	Synthesis and characterization of 4â€AMTTâ€Pd(II) complex over Fe₃O₄@SiO₂ as supported nanocatalyst for Suzukiâ€Miyaura and Mizorokiâ€Heck crossâ€coupling reactions in water. Applied Organometallic Chemistry, 2018, 32, e4171.	1.7	16
122	In situ synthesis of carbon nanotube-encapsulated cobalt nanoparticles by a novel and simple chemical treatment process: efficient and green catalysts for the Heck reaction. New Journal of Chemistry, 2019, 43, 8215-8219.	1.4	16
123	AN EFFICIENT AND CHEMOSELECTIVE SYNTHESIS OF ALDEHYDE 1,1-DIACETATES USING MORPHOLINIUM BISULFATE AS A BRÃ–NSTED ACIDIC IONIC LIQUID UNDER SOLVENT-FREE CONDITIONS. Organic Preparations and Procedures International, 2008, 40, 385-391.	0.6	15
124	Synthesis of Novel Chiral Ionic Liquid and Its Application in Reduction of Prochiral Ketones to the Corresponding Chiral Alcohols Using NaBH₄. Synthetic Communications, 2010, 40, 1784-1793.	1.1	15
125	Microwave-assisted Stille and Hiyama cross-coupling reactions catalyzed by ortho-palladated complexes of homoveratrylamine. Tetrahedron Letters, 2012, 53, 4661-4664.	0.7	15
126	Hiyama crossâ€coupling reaction catalyzed by a palladium salt of 1â€benzylâ€4â€azaâ€1â€azoniabicyclo[2.2.2]octane chloride under microwave irradiation. Applied Organometallic Chemistry, 2014, 28, 217-220.	1.7	15

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127	Immobilized Pd nanoparticles on Tris-modified SiO2: Synthesis, characterization, and catalytic activity in Heck cross-coupling reactions. Chinese Journal of Catalysis, 2014, 35, 1547-1554.	6.9	15
128	Oxidation of Alcohols with Benzyltriphenylphosphonium Periodate under Non-Aqueous Conditions. Synlett, 2001, 2001, 1735-1738.	1.0	14
129	Oxidation of Thiols to the Corresponding Symmetric Disulfides with Benzyltriphenylphosphonium Peroxodisulfate (BTPPD) Under Nonaqueous Conditions. Phosphorus, Sulfur and Silicon and the Related Elements, 2003, 178, 1277-1281.	0.8	14
130	Synthesis and characterization of heterocyclic, and optically active poly(amide-imide)s by phosphorylation polycondensation. Polymer Bulletin, 2007, 59, 145-159.	1.7	14
131	Application of BU₄N⁺HSO₄ ^{â˜} as an Ionic Liquid and Acid Catalyst for Thioacetalization of Aldehydes and Ketones. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 2502-2508.	0.8	14
132	An Efficient Method for Chemoselective Thioacetalization of Aldehydes in the Presence of a Catalytic Amount of Acidic Ionic Liquid under Solvent-Free Conditions. Synlett, 2009, 2009, 1974-1978.	1.0	14
133	Synthesis of a new palladium salt using Nâ€benzyl DABCO chloride and its application in Suzuki reaction. Applied Organometallic Chemistry, 2012, 26, 743-747.	1.7	14
134	Heck-type reaction of aryldiazonium silica sulfates. Monatshefte FÃ¼r Chemie, 2012, 143, 791-795.	0.9	14
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