

Fatemeh Rafiee

List of Publications by Year in descending order

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48
papers

1,117
citations

393982

19
h-index

414034

32
g-index

73
all docs

73
docs citations

73
times ranked

1253
citing authors

#	ARTICLE	IF	CITATIONS
1	Basic ionic liquids. A short review. <i>Journal of the Iranian Chemical Society</i> , 2009, 6, 647-678.	1.2	156
2	Recent Progress in Ionic Liquids and their Applications in Organic Synthesis. <i>Organic Preparations and Procedures International</i> , 2015, 47, 249-308.	0.6	114
3	Acidic Bronsted Ionic Liquids. <i>Organic Preparations and Procedures International</i> , 2010, 42, 285-362.	0.6	100
4	Different strategies for the lipase immobilization on the chitosan based supports and their applications. <i>International Journal of Biological Macromolecules</i> , 2021, 179, 170-195.	3.6	76
5	Synthesis of 5-substituted 1H-tetrazoles using a recyclable heterogeneous nanonickel ferrite catalyst. <i>Applied Organometallic Chemistry</i> , 2015, 29, 730-735.	1.7	57
6	Facile and Selective Oxidation of Benzylic Alcohols to Their Corresponding Carbonyl Compounds with Sodium Nitrate in the Presence of Brønsted Acidic Ionic Liquids. <i>Synlett</i> , 2007, 2007, 1118-1120.	1.0	36
7	Application of dimeric cyclopalladated complex of tribenzylamine as an efficient catalyst in the Heck cross-coupling reaction. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 2669-2675.	0.8	29
8	Synthesis of phenanthridine and phenanthridinone derivatives based on Pd-catalyzed C-H activation. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3820.	1.7	29
9	Recent Advances in the Application of Chitosan and Chitosan Derivatives as Bio Supported Catalyst in the Cross Coupling Reactions. <i>Current Organic Chemistry</i> , 2019, 23, 390-408.	0.9	27
10	Microwave-enhanced synthesis of aryl nitriles using dimeric orthopalladated complex of tribenzylamine and $K_4[Fe(CN)_6]$. <i>Tetrahedron Letters</i> , 2012, 53, 526-529.	0.7	25
11	Dimeric ortho-palladated complex of 2,3-dimethoxybenzaldehyde oxime catalyzed Suzuki-Miyaura cross-coupling reaction under microwave irradiation. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 1177-1181.	1.2	25
12	Accelerated Heck reaction using ortho-palladated complex in a nonaqueous ionic liquid with controlled microwave heating. <i>Applied Organometallic Chemistry</i> , 2011, 25, 542-551.	1.7	24
13	Suzuki-Miyaura cross-coupling of aryldiazonium silica sulfates under mild and heterogeneous conditions. <i>Tetrahedron Letters</i> , 2012, 53, 406-408.	0.7	23
14	Palladium N-Heterocyclic Carbene Complex of Vitamin B1 Supported on Silica-Coated Fe_3O_4 Nanoparticles: A Green and Efficient Catalyst for C-C Coupling. <i>Catalysis Letters</i> , 2018, 148, 1345-1354.	1.4	23
15	Palladium nanoparticles immobilized on the magnetic few layer graphene support as a highly efficient catalyst for ligand free Suzuki cross coupling and homo coupling reactions. <i>Journal of Organometallic Chemistry</i> , 2019, 883, 78-85.	0.8	23
16	An efficient Stille cross-coupling reaction catalyzed by ortho-palladated complex of tribenzylamine under microwave irradiation. <i>Applied Organometallic Chemistry</i> , 2012, 26, 27-31.	1.7	21
17	C-N cross-coupling reaction catalysed by efficient and reusable CuO/SiO_2 nanoparticles under ligand-free conditions. <i>Applied Organometallic Chemistry</i> , 2014, 28, 809-813.	1.7	21
18	A versatile method for the synthesis of diaryl and alkyl aryl ketones via palladium-catalysed cross-coupling reaction of arylboronic acids with acyl chlorides. <i>Applied Organometallic Chemistry</i> , 2015, 29, 181-184.	1.7	21

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19	Oxidation of Benzylic Alcohols to Their Corresponding Carbonyl Compounds using KIO ₄ in Ionic Liquid by Microwave Irradiation. <i>Synthetic Communications</i> , 2006, 36, 2563-2568.	1.1	20
20	Applications of a monomeric orthopalladate complex containing mixed phosphorus and nitrogen donors in the Heck reaction. <i>Tetrahedron Letters</i> , 2011, 52, 4782-4787.	0.7	20
21	Application of a dimeric ortho-palladated complex of tribenzylamine as an efficient catalyst in microwave-assisted Hiyama coupling reactions. <i>Applied Organometallic Chemistry</i> , 2012, 26, 51-55.	1.7	20
22	Synthesis of substituted biaryls via Suzuki, Stille and Hiyama cross-coupling and homo-coupling reactions by CN-dimeric and monomeric ortho-palladated catalysts. <i>Applied Organometallic Chemistry</i> , 2013, 27, 412-418.	1.7	20
23	A rapid and convenient method for the synthesis of aldoximes under microwave irradiation using in situ generated ionic liquids. <i>Journal of the Iranian Chemical Society</i> , 2010, 7, 114-118.	1.2	16
24	Microwave-assisted Stille and Hiyama cross-coupling reactions catalyzed by ortho-palladated complexes of homoveratrylamine. <i>Tetrahedron Letters</i> , 2012, 53, 4661-4664.	0.7	15
25	Hiyama cross-coupling reaction catalyzed by a palladium salt of 1-benzyl-4-aza-1-azoniabicyclo[2.2.2]octane chloride under microwave irradiation. <i>Applied Organometallic Chemistry</i> , 2014, 28, 217-220.	1.7	15
26	CNC pincer palladium complex supported on magnetic chitosan as highly efficient and recyclable nanocatalyst in C-C coupling reactions. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4519.	1.7	15
27	Synthesis of a new palladium salt using N-benzyl DABCO chloride and its application in Suzuki reaction. <i>Applied Organometallic Chemistry</i> , 2012, 26, 743-747.	1.7	14
28	(BeDABCO) ₂ Pd ₂ Cl ₆ (1-benzyl-4-aza-1-azoniabicyclo[2.2.2]octane) Tj ETQq0.0.0 rgBT / irradiation. <i>Applied Organometallic Chemistry</i> , 2013, 27, 228-231.	1.7	14
29	The synthesis and efficiency investigation of a boronic acid-modified magnetic chitosan quantum dot nanocomposite in the detection of Cu ²⁺ ions. <i>International Journal of Biological Macromolecules</i> , 2021, 189, 477-482.	3.6	13
30	Palladium-Catalyzed Synthesis of Symmetrical Biaryls Under Microwave Irradiation and Conventional Heating. <i>Synthetic Communications</i> , 2013, 43, 1314-1327.	1.1	12
31	(BeDABCO) ₂ Pd ₂ Cl ₆ as an efficient homogeneous catalyst for copper-free Sonogashira cross-coupling reaction. <i>Applied Organometallic Chemistry</i> , 2014, 28, 595-597.	1.7	12
32	Preparation of aryl azides of aryl boronic acids and one-pot synthesis of 1,4-diaryl-1,2,3-triazoles by a magnetic cysteine functionalized GO-Cu I/II nanocomposite. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5789.	1.7	10
33	Dimeric ortho-palladated homoveratrylamine as an efficient homogeneous catalyst for copper-free Sonogashira cross-coupling reaction. <i>Applied Organometallic Chemistry</i> , 2012, 26, 727-730.	1.7	9
34	Pd nanoparticles immobilized on the magnetic silica-chitosan nanocomposite (NiFe ₂ O ₄ @SiO ₂ @CS-Pd) Tj ETQq0.0.0 rgBT _g /Overlock	1.2	8
35	Synthesis of tertiary aryl amines of various aryl halides and secondary amines using ortho-palladated complex of tribenzylamine. <i>Applied Organometallic Chemistry</i> , 2013, 27, 704-706.	1.7	6
36	Facile construction of symmetric biaryls using (BeDABCO) ₂ Pd ₂ Cl ₆ as an efficient and highly active catalyst under microwave irradiation. <i>Applied Organometallic Chemistry</i> , 2015, 29, 147-151.	1.7	6

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37	Efficient and Selective Iodination of Benzylic Alcohols Using NaI/Br ₂ in Ionic Liquid System at Room Temperature. <i>Synthetic Communications</i> , 2011, 41, 603-611.	1.1	5
38	Application of <i>ortho</i> -palladated homoveratrylamine complex containing mixed phosphorus-nitrogen donors in the Suzuki reaction. <i>Applied Organometallic Chemistry</i> , 2012, 26, 467-470.	1.7	5
39	Microwave-assisted Suzuki Cross-Coupling Reactions using Dimeric <i>ortho</i> -palladated Complex of Tribenzylamine. <i>Organic Preparations and Procedures International</i> , 2013, 45, 465-472.	0.6	5
40	CN-Dimeric <i>ortho</i> -palladated complex catalyzed cyanation of aryl halides under microwave irradiation. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 1391-1395.	1.2	5
41	One-pot three-component synthesis of propargylamines using an efficient and reusable copper bio-functionalized magnetic graphene oxide nanocomposite. <i>Polyhedron</i> , 2020, 177, 114309.	1.0	5
42	Exciting progress in the transition metal-catalyzed synthesis of oxepines, benzoxepines, dibenzoxepines, and other derivatives. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	1.7	5
43	The Molecular Diversity of 1H-Indole-3-Carbaldehyde Derivatives and Their Role in Multicomponent Reactions. <i>Topics in Current Chemistry</i> , 2022, 380, 24.	3.0	5
44	Microwave-assisted Sonogashira cross-coupling reaction catalyzed by CN- <i>ortho</i> -palladated complex of tribenzylamine under copper-free conditions. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 1163-1169.	1.2	2
45	A green synthesis of biaryls in water catalyzed by palladium nanoparticles immobilized on N-amidinoglycine-functionalized iron oxide nanoparticles. <i>Transition Metal Chemistry</i> , 2018, 43, 295-300.	0.7	2
46	CuII Immobilized on the Amidinoglycine Functionalized Magnetic Graphene Oxide Promoted the Alkyl Aminophenols Synthesis. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2021, 45, 503-514.	0.7	2
47	The synthesis and characterization of a magnetic histidine Schiff base palladium complex and its efficiency investigation in the nitroarene pollutants reduction and dyes degradation. <i>Applied Organometallic Chemistry</i> , 0, , .	1.7	1
48	The Synthesis of α,β -Ynones and Diaryl Ketones by Palladium Nanoparticles Immobilized on the Magnetic Chitosan Support. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2021, 45, 1631-1643.	0.7	0