

Bartolo Gabriele

List of Publications by Year in descending order

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papers

7,151
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41344

49
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82547

72
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200
all docs

200
docs citations

200
times ranked

5763
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative Carbonylation as a Powerful Tool for the Direct Synthesis of Carbonylated Heterocycles. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 6825-6839.	2.4	266
2	Efficient Synthesis of Ureas by Direct Palladium-Catalyzed Oxidative Carbonylation of Amines. <i>Journal of Organic Chemistry</i> , 2004, 69, 4741-4750.	3.2	211
3	Catalytic Oxidations of Steroid Substrates by Artificial Cytochrome P-450 Enzymes. <i>Journal of Organic Chemistry</i> , 2002, 67, 5057-5067.	3.2	186
4	Recent Advances in the Synthesis of Indanes and Indenes. <i>Chemistry - A European Journal</i> , 2016, 22, 5056-5094.	3.3	162
5	Effective Guanidine-Catalyzed Synthesis of Carbonate and Carbamate Derivatives from Propargyl Alcohols in Supercritical Carbon Dioxide. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 133-146.	4.3	150
6	Identification of bioactive constituents of <i>Ziziphus jujube</i> fruit extracts exerting antiproliferative and apoptotic effects in human breast cancer cells. <i>Journal of Ethnopharmacology</i> , 2012, 140, 325-332.	4.1	131
7	Oxidative Carbonylations. , 2006, , 239-272.		123
8	Versatile synthesis of (Z)-1-alkylidene-1,3-dihydroisobenzofurans and 1H-isochromenes by palladium-catalyzed cycloisomerization of 2-alkynylbenzyl alcohols. <i>Tetrahedron</i> , 2003, 59, 6251-6259.	1.9	121
9	An efficient and selective palladium-catalysed oxidative dicarbonylation of alkynes to alkyl- or aryl-maleic esters. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994, , 83.	0.9	119
10	Novel and Convenient Synthesis of Substituted Quinolines by Copper- or Palladium-Catalyzed Cyclodehydration of 1-(2-Aminoaryl)-2-yn-1-ols. <i>Journal of Organic Chemistry</i> , 2007, 72, 6873-6877.	3.2	111
11	Synthesis of 4H-3,1-Benzoxazines, Quinazolin-2-ones, and Quinoline-4-ones by Palladium-Catalyzed Oxidative Carbonylation of 2-Ethynylaniline Derivatives. <i>Journal of Organic Chemistry</i> , 2004, 69, 2469-2477.	3.2	110
12	An Improved Procedure for the Palladium-Catalyzed Oxidative Carbonylation of β^2 -Amino Alcohols to Oxazolidin-2-ones. <i>Journal of Organic Chemistry</i> , 2003, 68, 601-604.	3.2	101
13	General and Regioselective Synthesis of Substituted Pyrroles by Metal-Catalyzed or Spontaneous Cycloisomerization of (Z)-(2-En-4-ynyl)amines. <i>Journal of Organic Chemistry</i> , 2003, 68, 7853-7861.	3.2	101
14	A Simple and Mild Synthesis of 1H-Isochromenes and (Z)-1-Alkylidene-1,3-dihydroisobenzofurans by the Iodocyclization of 2-(1-Alkynyl)benzyl Alcohols. <i>Journal of Organic Chemistry</i> , 2010, 75, 897-901.	3.2	98
15	Efficient and General Synthesis of 5-(Alkoxy carbonyl)methylene-3-oxazolines by Palladium-Catalyzed Oxidative Carbonylation of Prop-2-ynylamides. <i>Journal of Organic Chemistry</i> , 2002, 67, 4450-4457.	3.2	96
16	Divergent Palladium Iodide Catalyzed Multicomponent Carbonylative Approaches to Functionalized Isoindolinone and Isobenzofuranimine Derivatives. <i>Journal of Organic Chemistry</i> , 2014, 79, 3506-3518.	3.2	94
17	Versatile Synthesis of Quinoline-3-Carboxylic Esters and Indol-2-Acetic Esters by Palladium-Catalyzed Carbonylation of 1-(2-Aminoaryl)-2-Yn-1-Ols. <i>Journal of Organic Chemistry</i> , 2008, 73, 4971-4977.	3.2	93
18	PdI2-Catalyzed Synthesis of Heterocycles. <i>Synlett</i> , 2004, 2004, 2468-2483.	1.8	91

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19	Comparative analyses of seeds of wild fruits of <i>Rubus</i> and <i>Sambucus</i> species from Southern Italy: Fatty acid composition of the oil, total phenolic content, antioxidant and anti-inflammatory properties of the methanolic extracts. <i>Food Chemistry</i> , 2013, 140, 817-824.	8.2	88
20	A Smart Nanovector for Cancer Targeted Drug Delivery Based on Graphene Quantum Dots. <i>Nanomaterials</i> , 2019, 9, 282.	4.1	83
21	Recent developments in the synthesis of heterocyclic derivatives by PdI2-catalyzed oxidative carbonylation reactions. <i>Journal of Organometallic Chemistry</i> , 2003, 687, 219-228.	1.8	81
22	Recent Advances in the Synthesis of Carbonyl Compounds by Palladium- Catalyzed Oxidative Carbonylation Reactions of Unsaturated Substrates. <i>Current Organic Chemistry</i> , 2004, 8, 919-946.	1.6	80
23	Geometrically directed selective steroid hydroxylation with high turnover by a fluorinated artificial cytochrome P-450. <i>Tetrahedron Letters</i> , 1998, 39, 2887-2890.	1.4	79
24	Synthesis of 2-ynamides by direct palladium-catalyzed oxidative aminocarbonylation of alk-1-ynes. <i>Journal of Organometallic Chemistry</i> , 2001, 622, 84-88.	1.8	79
25	The ethanolamide metabolite of DHA, docosahexaenoyl ethanolamine, shows immunomodulating effects in mouse peritoneal and RAW264.7 macrophages: evidence for a new link between fish oil and inflammation. <i>British Journal of Nutrition</i> , 2011, 105, 1798-1807.	2.3	73
26	An Efficient and General Synthesis of Furan-2-acetic Esters by Palladium-Catalyzed Oxidative Carbonylation of (Z)-2-En-4-yn-1-ols. <i>Journal of Organic Chemistry</i> , 1999, 64, 7693-7699.	3.2	72
27	PdI2-Based Catalysis for Carbonylation Reactions: A Personal Account. <i>Catalysts</i> , 2019, 9, 610.	3.5	71
28	An Unprecedented Pd-Catalyzed, Water-Promoted Sequential Oxidative Aminocarbonylation~Cyclocarbonylation Process Leading to 2-Oxazolidinones. <i>Organic Letters</i> , 2007, 9, 3319-3322.	4.6	70
29	Recent Advances in the Synthesis of Thiophene Derivatives by Cyclization of Functionalized Alkynes. <i>Molecules</i> , 2014, 19, 15687-15719.	3.8	70
30	Stereoselective Synthesis of (E)-3-(Methoxycarbonyl)methylene-1,3-dihydroindol-2-ones by Palladium-Catalyzed Oxidative Carbonylation of 2-Ethynylanilines. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 4607.	2.4	69
31	Heterocyclic Derivative Syntheses by Palladium-Catalyzed Oxidative Cyclization~Alkoxy carbonylation of Substituted I^3 -Oxoalkynes. <i>Journal of Organic Chemistry</i> , 2005, 70, 4971-4979.	3.2	64
32	Synthesis of 1-(Alkoxy carbonyl)methylene-1,3-dihydroisobenzofurans and 4-(Alkoxy carbonyl)benzo[c]pyrans by Palladium-Catalysed Oxidative Carbonylation of 2-Alkynylbenzyl Alcohols, 2-Alkynylbenzaldehydes and 2-Alkynylphenyl Ketones. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 574-585.	2.4	63
33	Catalytic Oxidative Carbonylation of Amino Moieties to Ureas, Oxamides, ~Oxazolidinones, and Benzoxazolones. <i>ChemSusChem</i> , 2015, 8, 2204-2211.	6.8	63
34	Novel low-fouling membrane bioreactor (MBR) for industrial wastewater treatment. <i>Journal of Membrane Science</i> , 2016, 510, 524-532.	8.2	61
35	A Novel Synthesis of 2-Functionalized Benzofurans by Palladium-Catalyzed Cycloisomerization of 2-(1-Hydroxyprop-2-ynyl)phenols Followed by Acid-Catalyzed Allylic Isomerization or Allylic Nucleophilic Substitution. <i>Journal of Organic Chemistry</i> , 2008, 73, 7336-7341.	3.2	60
36	An Iodocyclization Approach to Substituted 3-Iodothiophenes. <i>Journal of Organic Chemistry</i> , 2012, 77, 7640-7645.	3.2	60

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37	Palladium-catalyzed synthesis of symmetrical urea derivatives by oxidative carbonylation of primary amines in carbon dioxide medium. <i>Journal of Catalysis</i> , 2011, 282, 120-127.	6.2	57
38	Stereoselective synthesis of (Z)- α -(alkoxycarbonyl)methylene β - and γ -lactones by palladium-catalysed oxidative carbonylation of alkynols. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997, , 147-154.	0.9	56
39	Recovery and concentration of phenolic compounds in blood orange juice by membrane operations. <i>Journal of Food Engineering</i> , 2013, 117, 263-271.	5.2	56
40	A Novel Palladium-Catalyzed Dicarboxylation Process Leading to Coumarins. <i>Journal of Organic Chemistry</i> , 2008, 73, 756-759.	3.2	55
41	A step forward to a more efficient wastewater treatment by membrane surface modification via polymerizable bicontinuous microemulsion. <i>Journal of Membrane Science</i> , 2015, 482, 103-114.	8.2	55
42	Multicomponent Cascade Reactions: A Novel and Expedient Approach to Functionalized Indoles by an Unprecedented Nucleophilic Addition-Heterocyclization-Oxidative Alkoxycarbonylation Sequence. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 3355-3363.	4.3	54
43	Recent Advances in the Chemical Fixation of Carbon Dioxide: A Green Route to Carbonylated Heterocycle Synthesis. <i>Catalysts</i> , 2019, 9, 511.	3.5	54
44	Cascade Reactions: Sequential Homobimetallic Catalysis Leading to Benzofurans and β,γ -Unsaturated Esters. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 1101-1109.	4.3	53
45	Xanthohumol from Hop (<i>Humulus lupulus</i> L.) Is an Efficient Inhibitor of Monocyte Chemoattractant Protein-1 and Tumor Necrosis Factor- α Release in LPS-Stimulated RAW 264.7 Mouse Macrophages and U937 Human Monocytes. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 7274-7281.	5.2	53
46	Synthesis of Benzothiophene Derivatives by Pd-Catalyzed or Radical-Promoted Heterocyclodehydration of 1-(2-Mercaptophenyl)-2-yn-1-ols. <i>Journal of Organic Chemistry</i> , 2011, 76, 8277-8286.	3.2	53
47	A Palladium Iodide-Catalyzed Carbonylative Approach to Functionalized Pyrrole Derivatives. <i>Journal of Organic Chemistry</i> , 2012, 77, 4005-4016.	3.2	53
48	A General Synthesis of Indole-3-carboxylic Esters by Palladium-Catalyzed Direct Oxidative Carbonylation of 2-Alkynylaniline Derivatives. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 2549-2559.	2.4	53
49	A new synthesis of trimethyl aconitate by palladium-catalysed triple carbonylation of propynyl alcohol. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 1007.	2.0	52
50	Cascade Reactions: A New Synthesis of 2-Benzofuran-2-ylacetamides by Sequential Pd(0)-Catalyzed Deallylation-Pd(II)-Catalyzed Aminocarbonylative Heterocyclization of 1-(2-Allyloxyaryl)-2-yn-1-ols. <i>Journal of Organic Chemistry</i> , 2007, 72, 9278-9282.	3.2	51
51	Versatile synthesis of beta-lactams, gamma-lactams or oxalines by palladium-catalysed oxidative carbonylation of 1-substituted prop-2-ynylamines. <i>Tetrahedron Letters</i> , 1995, 36, 7495-7498.	1.4	50
52	Copper-Catalyzed Synthesis of Substituted Furans and Pyrroles by Heterocyclodehydration and Tandem Heterocyclodehydration-Hydration of 3-Yne-1,2-diols and 1-Amino-3-yn-2-ol Derivatives. <i>Journal of Organic Chemistry</i> , 2013, 78, 4919-4928.	3.2	50
53	Synthesis of thiophenes in a deep eutectic solvent: heterocyclodehydration and iodocyclization of 1-mercapto-3-yn-2-ols in a choline chloride/glycerol medium. <i>Tetrahedron</i> , 2016, 72, 4239-4244.	1.9	50
54	A New Synthesis of 2,3-Dihydrobenzo[1,4]dioxine and 3,4-Dihydro-2H-benzo[1,4]oxazine Derivatives by Tandem Palladium-Catalyzed Oxidative Aminocarbonylation-Cyclization of 2-Prop-2-ynyloxyphenols and 2-Prop-2-ynyloxyanilines. <i>Journal of Organic Chemistry</i> , 2006, 71, 7895-7898.	3.2	49

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55	A General and Expedient Synthesis of 5- and 6-Membered Cyclic Carbonates by Palladium-Catalyzed Oxidative Carbonylation of 1,2- and 1,3-Diols. <i>ChemSusChem</i> , 2011, 4, 1778-1786.	6.8	49
56	Structure-activity relationships of resveratrol and derivatives in breast cancer cells. <i>Molecular Nutrition and Food Research</i> , 2009, 53, 845-858.	3.3	47
57	Novel synthesis of furan-2-acetic esters by palladium-catalysed oxidative cyclization-alkoxycarbonylation of (Z)-2-En-4-yn-1-ols. <i>Tetrahedron Letters</i> , 1997, 38, 6877-6880.	1.4	46
58	Solid Thermoplastic Laminable Electrochromic Film. <i>Chemistry of Materials</i> , 2007, 19, 353-358.	6.7	46
59	A new physical-chemical process for the efficient production of cellulose fibers from Spanish broom (<i>Spartium junceum</i> L.). <i>Bioresource Technology</i> , 2010, 101, 724-729.	9.6	46
60	Cascade Reactions: Catalytic Synthesis of Functionalized 1,3-Dihydroisobenzofuran and Tetrahydrofuran Derivatives by Sequential Nucleophilic Ring Opening-Heterocyclization-Oxidative Carbonylation of Alkynyloxiranes. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2423-2432.	4.3	45
61	Synthesis of Substituted Thiophenes by Palladium-Catalyzed Heterocyclodehydration of 1-Mercapto-3-yn-2-ols in Conventional and Nonconventional Solvents. <i>Journal of Organic Chemistry</i> , 2012, 77, 9905-9909.	3.2	44
62	A new regioselective synthesis of 3-substituted furan-2(5H)-ones by palladium-catalysed reductive carbonylation of alk-1-ynes. <i>Tetrahedron Letters</i> , 1999, 40, 989-990.	1.4	42
63	A novel and efficient method for the catalytic direct oxidative carbonylation of 1,2- and 1,3-diols to 5-membered and 6-membered cyclic carbonates. <i>Tetrahedron Letters</i> , 2009, 50, 7330-7332.	1.4	40
64	Hydrogels: Novel materials for contaminant removal in water-A review. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 1970-2014.	12.8	40
65	Synthesis of Furan-3-carboxylic and 4-Methylene-4,5-dihydrofuran-3-carboxylic Esters by Direct Palladium Iodide Catalyzed Oxidative Carbonylation of 3-Yne-1,2-diol Derivatives. <i>Journal of Organic Chemistry</i> , 2012, 77, 8657-8668.	3.2	39
66	Divergent Multicomponent Tandem Palladium-Catalyzed Aminocarbonylation-Cyclization Approaches to Functionalized Imidazothiazinones and Imidazothiazoles. <i>ChemCatChem</i> , 2015, 7, 2206-2213.	3.7	38
67	Sequential homobimetallic catalysis: an unprecedented tandem Pd(0)-catalysed deprotection ? Pd(ii)-catalysed heterocyclisation reaction leading to benzofurans. <i>Chemical Communications</i> , 2005, , 271.	4.1	37
68	Versatile Synthesis of Pyrrole-2-acetic Esters and (Pyridine-2-one)-3-acetic Amides by Palladium-Catalyzed, Carbon Dioxide-Promoted Oxidative Carbonylation of (Z)-(2-En-4-ynyl)amines. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 2212-2222.	4.3	37
69	Palladium-catalyzed cycloisomerization of (Z)-(2-en-4-ynyl)amines: a new synthesis of substituted pyrroles. <i>Tetrahedron Letters</i> , 2001, 42, 1339-1341.	1.4	36
70	Phytotoxic Potential and Biological Activity of Three Synthetic Coumarin Derivatives as New Natural-Like Herbicides. <i>Molecules</i> , 2015, 20, 17883-17902.	3.8	35
71	UV-LED induced bicontinuous microemulsions polymerisation for surface modification of commercial membranes - Enhancing the antifouling properties. <i>Separation and Purification Technology</i> , 2018, 194, 149-160.	7.9	35
72	Stereoselective synthesis of β^2 -lactones containing β^1 -Z-alkoxycarbonylmethylene chains by palladium-catalysed oxidative carbonylation of tertiary β^1 -hydroxyalkynes. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 1429-1430.	2.0	34

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73	Selective Synthesis of Unsaturated N-Acylethanolamines by Lipase- Catalyzed N-Acylation of Ethanolamine with Unsaturated Fatty Acids. Letters in Organic Chemistry, 2009, 6, 444-447.	0.5	34
74	A Palladium-Catalyzed Carbonylation Approach to Eight-Membered Lactam Derivatives with Antitumor Activity. Chemistry - A European Journal, 2016, 22, 3053-3064.	3.3	34
75	Palladium-Catalyzed Double Cyclization Processes Leading to Polycyclic Heterocycles: Recent Advances. European Journal of Organic Chemistry, 2019, 2019, 5073-5092.	2.4	34
76	Synthesis of Pyrrolin-4-ones by Pt-Catalyzed Cycloisomerization in PEG under Microwaves. Journal of Organic Chemistry, 2013, 78, 2698-2702.	3.2	33
77	A New Synthesis of 4-Dialkylamino-1,5-dihydropyrrol-2-ones by Pd-Catalyzed Oxidative Aminocarbonylation of 2-Ynylamines. Synlett, 2005, 2005, 0935-0938.	1.8	32
78	Cascade Reactions: A Multicomponent Approach to Functionalized Indane Derivatives by a Tandem Palladium-Catalyzed Carbamoylation/Carbocyclization Process. Advanced Synthesis and Catalysis, 2014, 356, 2547-2558.	4.3	32
79	An Easy and Convenient Synthesis of 2-Furan-2-ylacetamides by Sequential Palladium-Catalyzed Oxidative Aminocarbonylation of (Z)-2-En-4-yn-1-ols/Conjugate Addition/Aromatization. Synthesis, 2006, 2006, 4247-4251.	2.3	31
80	Recyclable catalytic synthesis of substituted quinolines: copper-catalyzed heterocyclization of 1-(2-aminoaryl)-2-yn-1-ols in ionic liquids. Tetrahedron, 2009, 65, 8507-8512.	1.9	31
81	The solid state structure and reactivity of NbCl ₅ ·(N,N'-dicyclohexylurea) in solution: evidence for co-ordinated urea dehydration to the relevant carbodiimide. Dalton Transactions, 2010, 39, 6985.	3.3	31
82	Palladium-catalyzed oxidative heterocyclodehydration-alkoxycarbonylation of 3-yne-1,2-diols: a novel and expedient approach to furan-3-carboxylic esters. Tetrahedron Letters, 2010, 51, 1663-1665.	1.4	29
83	Catalytic Carbonylative Double Cyclization of 2-(3-Hydroxy-1-yn-1-yl)phenols in Ionic Liquids Leading to Furobenzofuranone Derivatives. Journal of Organic Chemistry, 2019, 84, 7303-7311.	3.2	29
84	A simple and convenient synthesis of substituted furans and pyrroles by CuCl ₂ -catalyzed heterocyclodehydration of 3-yne-1,2-diols and N-Boc- or N-tosyl-1-amino-3-yn-2-ols. Tetrahedron Letters, 2010, 51, 3565-3567.	1.4	28
85	Versatile Synthesis of Isoquinolines and Isochromenes by Pd-Catalyzed Oxidative Carbonylation of (2-Alkynyl)benzylideneamine Derivatives. European Journal of Organic Chemistry, 2011, 2011, 5626-5635.	2.4	28
86	Novel low-fouling membranes from lab to pilot application in textile wastewater treatment. Journal of Colloid and Interface Science, 2018, 515, 208-220.	9.4	28
87	Pyrimidine 2,4-Diones in the Design of New HIV RT Inhibitors. Molecules, 2019, 24, 1718.	3.8	28
88	Efficient methylation of anilines with methanol catalysed by cyclometalated ruthenium complexes. Catalysis Science and Technology, 2021, 11, 2512-2517.	4.1	28
89	Essential oil composition of Citrus medica L. Cv. Diamante (Diamante citron) determined after using different extraction methods. Journal of Separation Science, 2009, 32, 99-108.	2.5	27
90	Effect of H/D Isotopomerization in the Assay of Resveratrol by Tandem Mass Spectrometry and Isotope Dilution Method. Analytical Chemistry, 2009, 81, 8603-8609.	6.5	26

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91	Switching from columnar to calamitic mesophases in a new class of rod-like thienoviologens. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2233.	5.5	26
92	A recyclable and base-free method for the synthesis of 3-iodothiophenes by the iodoheterocyclisation of 1-mercapto-3-alkyn-2-ols in ionic liquids. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 651-659.	2.8	26
93	In Vitro Anti-Inflammatory and Radical Scavenging Properties of Chinotto (<i>Citrus myrtifolia</i> Raf.) Essential Oils. <i>Nutrients</i> , 2018, 10, 783.	4.1	26
94	A simple catalytic system for the substitutive carbonylation of allyl alcohols to α,β -unsaturated acids or esters. <i>Journal of Molecular Catalysis A</i> , 1996, 111, 43-48.	4.8	25
95	A new approach to isoindolinone derivatives by sequential palladium iodide-catalyzed oxidative aminocarbonylation-heterocyclization of 2-ethynylbenzamides. <i>Tetrahedron Letters</i> , 2012, 53, 6694-6696.	1.4	25
96	Pd-Supported on N-doped carbon: improved heterogeneous catalyst for base-free alkoxycarbonylation of aryl iodides. <i>Chemical Communications</i> , 2016, 52, 12729-12732.	4.1	25
97	Palladium-Catalyzed Carbonylative Multicomponent Synthesis of Functionalized Benzimidazothiazoles. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 560-567.	2.7	25
98	Launching deep eutectic solvents (DESs) and natural deep eutectic solvents (NADESs), in combination with different harmless co-solvents, for the preparation of more sustainable membranes. <i>Journal of Membrane Science</i> , 2022, 649, 120387.	8.2	25
99	New Aryl η^5 -Diimine Palladium(II) Catalysts in Stereocontrolled CO/Vinyl Arene Copolymerization. <i>Organometallics</i> , 2014, 33, 129-144.	2.3	24
100	Auto-Tandem Catalysis in Ionic Liquids: Synthesis of 2-Oxazolidinones by Palladium-Catalyzed Oxidative Carbonylation of Propargylic Amines in EmimEtSO ₄ . <i>Molecules</i> , 2016, 21, 897.	3.8	24
101	A new soluble poly(bithiophene)-co-3,4-di(methoxycarbonyl)methyl thiophene for LED. <i>Organic Electronics</i> , 2002, 3, 149-156.	2.6	23
102	Tandem catalysis in ionic liquids: a recyclable catalytic synthesis of benzofuran derivatives. <i>Tetrahedron</i> , 2010, 66, 6156-6161.	1.9	23
103	Neutral vs anionic palladium iodide-catalyzed carbonylation of terminal arylacetylenes. <i>Journal of Molecular Catalysis A</i> , 2015, 398, 115-126.	4.8	23
104	Divergent Syntheses of (<i>Z</i>)-3-Alkylideneisobenzofuran-1(<i>H</i>)-ones and 1- <i>H</i> -Isochromen-1-ones by Copper-Catalyzed Cycloisomerization of 2-Alkynylbenzoic Acids in Ionic Liquids. <i>Journal of Organic Chemistry</i> , 2018, 83, 6673-6680.	3.2	23
105	Small-scale membrane-based arsenic removal for decentralized applications-Developing a conceptual approach for future utilization. <i>Water Research</i> , 2021, 196, 116978.	11.3	23
106	Synthesis and characterization of a novel polystyrene-tethered niobium methoxo species. Its application in the CO ₂ -based carboxylation of methanol to afford dimethyl carbonate. <i>Applied Catalysis A: General</i> , 2010, 387, 113-118.	4.3	22
107	Benzofuran-2-acetic ester derivatives induce apoptosis in breast cancer cells by upregulating p21 Cip/WAF1 gene expression in p53-independent manner. <i>DNA Repair</i> , 2017, 51, 20-30.	2.8	22
108	An Unprecedented Pd-Catalyzed Carbonylative Route to Fused Furo[3,4- <i>b</i>]indol-1-ones. <i>Chemistry - A European Journal</i> , 2018, 24, 4835-4840.	3.3	22

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109	A Palladium Iodide-Catalyzed Oxidative Aminocarbonylation–Heterocyclization Approach to Functionalized Benzimidazoimidazoles. <i>Journal of Organic Chemistry</i> , 2018, 83, 1680-1685.	3.2	22
110	Synthesis and thermotropic properties of new green electrochromic ionic liquid crystals. <i>New Journal of Chemistry</i> , 2019, 43, 18285-18293.	2.8	22
111	5-(Carbamoylmethylene)-oxazolidin-2-ones as a Promising Class of Heterocycles Inducing Apoptosis Triggered by Increased ROS Levels and Mitochondrial Dysfunction in Breast and Cervical Cancer. <i>Biomedicines</i> , 2020, 8, 35.	3.2	22
112	Palladium-Catalyzed Oxidative Aminocarbonylation of Alkynols. <i>Synthesis</i> , 2007, 2007, 3083-3087.	2.3	21
113	Selective Aryl λ^5 -Diimine/Palladium-Catalyzed Bis-Alkoxy-carbonylation of Olefins for the Synthesis of Substituted Succinic Diesters. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 177-184.	4.3	21
114	Cyclometalated Ruthenium Pincer Complexes as Catalysts for the λ^5 -Alkylation of Ketones with Alcohols. <i>Chemistry - A European Journal</i> , 2020, 26, 6050-6055.	3.3	21
115	Site-Selective Double and Tetracyclization Routes to Fused Polyheterocyclic Structures by Pd-Catalyzed Carbonylation Reactions. <i>Organic Letters</i> , 2020, 22, 1569-1574.	4.6	21
116	Preparation of enantioenriched iodinated pyrrolinones by iodocyclization of λ^5 -amino-ynones. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 9085.	2.8	20
117	Recent Advances in the Catalytic Synthesis of Imidazolidin-2-ones and Benzimidazolidin-2-ones. <i>Catalysts</i> , 2019, 9, 28.	3.5	20
118	Oxidative Alkoxy carbonylation of Alkynes by Means of Aryl λ^5 -Diimine Palladium(II) Complexes as Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3244-3253.	4.3	19
119	Mesophase Tuning in Discotic Dimers π -Conjugated Ionic Liquid Crystals through Supramolecular Interactions and the Thermal History. <i>Crystal Growth and Design</i> , 2016, 16, 5646-5656.	3.0	19
120	Titanium Surface Modification for Implantable Medical Devices with Anti-Bacterial Adhesion Properties. <i>Materials</i> , 2022, 15, 3283.	2.9	19
121	A Palladium Iodide-Catalyzed Cyclocarbonylation Approach to Thiadiazafuorenones. <i>Journal of Organic Chemistry</i> , 2016, 81, 6106-6111.	3.2	18
122	A highly efficient Pd/CuI-catalyzed oxidative alkoxy carbonylation of λ^5 -olefins to unsaturated esters. <i>Journal of Molecular Catalysis A</i> , 2017, 426, 435-443.	4.8	18
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