

Bartolo Gabriele

List of Publications by Year in descending order

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193
papers

7,151
citations

41258

49
h-index

82410

72
g-index

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.	1.2	266
2	Efficient Synthesis of Ureas by Direct Palladium-Catalyzed Oxidative Carbonylation of Amines. <i>Journal of Organic Chemistry</i> , 2004, 69, 4741-4750.	1.7	211
3	Catalytic Oxidations of Steroid Substrates by Artificial Cytochrome P-450 Enzymes. <i>Journal of Organic Chemistry</i> , 2002, 67, 5057-5067.	1.7	186
4	Recent Advances in the Synthesis of Indanes and Indenes. <i>Chemistry - A European Journal</i> , 2016, 22, 5056-5094.	1.7	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.	2.1	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.	2.0	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.	1.0	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.	1.7	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.	1.7	110
12	An Improved Procedure for the Palladium-Catalyzed Oxidative Carbonylation of β -Amino Alcohols to Oxazolidin-2-ones. <i>Journal of Organic Chemistry</i> , 2003, 68, 601-604.	1.7	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.	1.7	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.	1.7	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.	1.7	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.	1.7	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.	1.7	93
18	PdI ₂ -Catalyzed Synthesis of Heterocycles. <i>Synlett</i> , 2004, 2004, 2468-2483.	1.0	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.	4.2	88
20	A Smart Nanovector for Cancer Targeted Drug Delivery Based on Graphene Quantum Dots. <i>Nanomaterials</i> , 2019, 9, 282.	1.9	83
21	Recent developments in the synthesis of heterocyclic derivatives by PdII-catalyzed oxidative carbonylation reactions. <i>Journal of Organometallic Chemistry</i> , 2003, 687, 219-228.	0.8	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.	0.9	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.	0.7	79
24	Synthesis of 2-ynamides by direct palladium-catalyzed oxidative aminocarbonylation of alk-1-yne. <i>Journal of Organometallic Chemistry</i> , 2001, 622, 84-88.	0.8	79
25	The ethanolamide metabolite of DHA, docosahexaenoylethanolamine, 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.	1.2	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.	1.7	72
27	PdII-Based Catalysis for Carbonylation Reactions: A Personal Account. <i>Catalysts</i> , 2019, 9, 610.	1.6	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.	2.4	70
29	Recent Advances in the Synthesis of Thiophene Derivatives by Cyclization of Functionalized Alkynes. <i>Molecules</i> , 2014, 19, 15687-15719.	1.7	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.	1.2	69
31	Heterocyclic Derivative Syntheses by Palladium-Catalyzed Oxidative Cyclization/Alkoxy carbonylation of Substituted β^3 -Oxoalkynes. <i>Journal of Organic Chemistry</i> , 2005, 70, 4971-4979.	1.7	64
32	Synthesis of 1-(Alkoxy carbonyl)methylene-1,3-dihydroisobenzofurans and 4-(Alkoxy carbonyl)benzo[c]pyrans by Palladium-Catalyzed Oxidative Carbonylation of 2-Alkynylbenzyl Alcohols, 2-Alkynylbenzaldehydes and 2-Alkynylphenyl Ketones. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 574-585.	1.2	63
33	Catalytic Oxidative Carbonylation of Amino Moieties to Ureas, Oxamides, Oxazolidinones, and Benzoxazolones. <i>ChemSusChem</i> , 2015, 8, 2204-2211.	3.6	63
34	Novel low-fouling membrane bioreactor (MBR) for industrial wastewater treatment. <i>Journal of Membrane Science</i> , 2016, 510, 524-532.	4.1	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.	1.7	60
36	An Iodocyclization Approach to Substituted 3-Iodothiophenes. <i>Journal of Organic Chemistry</i> , 2012, 77, 7640-7645.	1.7	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.	3.1	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.	2.7	56
40	A Novel Palladium-Catalyzed Dicarboxylation Process Leading to Coumarins. <i>Journal of Organic Chemistry</i> , 2008, 73, 756-759.	1.7	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.	4.1	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.	2.1	54
43	Recent Advances in the Chemical Fixation of Carbon Dioxide: A Green Route to Carbonylated Heterocycle Synthesis. <i>Catalysts</i> , 2019, 9, 511.	1.6	54
44	Cascade Reactions: Sequential Homobimetallic Catalysis Leading to Benzofurans and α,β -Unsaturated Esters. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 1101-1109.	2.1	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.	2.4	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.	1.7	53
47	A Palladium Iodide-Catalyzed Carbonylative Approach to Functionalized Pyrrole Derivatives. <i>Journal of Organic Chemistry</i> , 2012, 77, 4005-4016.	1.7	53
48	A General Synthesis of Indole-3-carboxylic Esters by Palladium-Catalyzed Direct Oxidative Carbonylation of α -Alkynylaniline Derivatives. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 2549-2559.	1.2	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.	1.7	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.	0.7	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.	1.7	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.	1.0	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.	1.7	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.	3.6	49
56	Structure-activity relationships of resveratrol and derivatives in breast cancer cells. <i>Molecular Nutrition and Food Research</i> , 2009, 53, 845-858.	1.5	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.	0.7	46
58	Solid Thermoplastic Laminable Electrochromic Film. <i>Chemistry of Materials</i> , 2007, 19, 353-358.	3.2	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.	4.8	46
60	Cascade Reactions: Catalytic Synthesis of Functionalized 1,3-Dihydroisobenzofuran and Tetrahydrofuran Derivatives by Sequential Nucleophilic Ring Opening-Heterocyclization-Oxidative Carbonylation of Alkynylloxiranes. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2423-2432.	2.1	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.	1.7	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.	0.7	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.	0.7	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.	6.6	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.	1.7	39
66	Divergent Multicomponent Tandem Palladium-Catalyzed Aminocarbonylation-Cyclization Approaches to Functionalized Imidazothiazinones and Imidazothiazoles. <i>ChemCatChem</i> , 2015, 7, 2206-2213.	1.8	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.	2.2	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.	2.1	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.	0.7	36
70	Phytotoxic Potential and Biological Activity of Three Synthetic Coumarin Derivatives as New Natural-Like Herbicides. <i>Molecules</i> , 2015, 20, 17883-17902.	1.7	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.	3.9	35
72	Stereoselective synthesis of β -lactones containing β -Z-alkoxycarbonylmethylene chains by palladium-catalysed oxidative carbonylation of tertiary β -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. <i>Letters in Organic Chemistry</i> , 2009, 6, 444-447.	0.2	34
74	A Palladium-Catalyzed Carbonylation Approach to Eight-Membered Lactam Derivatives with Antitumor Activity. <i>Chemistry - A European Journal</i> , 2016, 22, 3053-3064.	1.7	34
75	Palladium-Catalyzed Double Cyclization Processes Leading to Polycyclic Heterocycles: Recent Advances. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5073-5092.	1.2	34
76	Synthesis of Pyrrolin-4-ones by Pt-Catalyzed Cycloisomerization in PEG under Microwaves. <i>Journal of Organic Chemistry</i> , 2013, 78, 2698-2702.	1.7	33
77	A New Synthesis of 4-Dialkylamino-1,5-dihydropyrrol-2-ones by Pd-Catalyzed Oxidative Aminocarbonylation of 2-Ynylamines. <i>Synlett</i> , 2005, 2005, 0935-0938.	1.0	32
78	Cascade Reactions: A Multicomponent Approach to Functionalized Indane Derivatives by a Tandem Palladium-Catalyzed Carbamoylation/Carbocyclization Process. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2547-2558.	2.1	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. <i>Synthesis</i> , 2006, 2006, 4247-4251.	1.2	31
80	Recyclable catalytic synthesis of substituted quinolines: copper-catalyzed heterocyclization of 1-(2-aminoaryl)-2-yn-1-ols in ionic liquids. <i>Tetrahedron</i> , 2009, 65, 8507-8512.	1.0	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. <i>Dalton Transactions</i> , 2010, 39, 6985.	1.6	31
82	Palladium-catalyzed oxidative heterocyclodehydration-alkoxycarbonylation of 3-yne-1,2-diols: a novel and expedient approach to furan-3-carboxylic esters. <i>Tetrahedron Letters</i> , 2010, 51, 1663-1665.	0.7	29
83	Catalytic Carbonylative Double Cyclization of 2-(3-Hydroxy-1-yn-1-yl)phenols in Ionic Liquids Leading to Furobenzofuranone Derivatives. <i>Journal of Organic Chemistry</i> , 2019, 84, 7303-7311.	1.7	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. <i>Tetrahedron Letters</i> , 2010, 51, 3565-3567.	0.7	28
85	Versatile Synthesis of Isoquinolines and Isochromenes by Pd-Catalyzed Oxidative Carbonylation of (2-Alkynyl)benzylideneamine Derivatives. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5626-5635.	1.2	28
86	Novel low-fouling membranes from lab to pilot application in textile wastewater treatment. <i>Journal of Colloid and Interface Science</i> , 2018, 515, 208-220.	5.0	28
87	Pyrimidine 2,4-Diones in the Design of New HIV RT Inhibitors. <i>Molecules</i> , 2019, 24, 1718.	1.7	28
88	Efficient methylation of anilines with methanol catalysed by cyclometalated ruthenium complexes. <i>Catalysis Science and Technology</i> , 2021, 11, 2512-2517.	2.1	28
89	Essential oil composition of Citrus medica L. Cv. Diamante (Diamante citron) determined after using different extraction methods. <i>Journal of Separation Science</i> , 2009, 32, 99-108.	1.3	27
90	Effect of H/D Isotopomerization in the Assay of Resveratrol by Tandem Mass Spectrometry and Isotope Dilution Method. <i>Analytical Chemistry</i> , 2009, 81, 8603-8609.	3.2	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.	2.7	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.	1.5	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.	1.7	26
94	A simple catalytic system for the substitutive carbonylation of allyl alcohols to β,γ -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.	0.7	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.	2.2	25
97	Palladium-Catalyzed Carbonylative Multicomponent Synthesis of Functionalized Benzimidazothiazoles. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 560-567.	1.3	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.	4.1	25
99	New Aryl β -Diimine Palladium(II) Catalysts in Stereocontrolled CO/Vinyl Arene Copolymerization. <i>Organometallics</i> , 2014, 33, 129-144.	1.1	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.	1.7	24
101	A new soluble poly(bithiophene)-co-3,4-di(methoxycarbonyl)methyl thiophene for LED. <i>Organic Electronics</i> , 2002, 3, 149-156.	1.4	23
102	Tandem catalysis in ionic liquids: a recyclable catalytic synthesis of benzofuran derivatives. <i>Tetrahedron</i> , 2010, 66, 6156-6161.	1.0	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.	1.7	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.	5.3	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.	2.2	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.	1.3	22
108	An Unprecedented Pd-Catalyzed Carbonylative Route to Fused Furo[3,4- <i>b</i>]indolones. <i>Chemistry - A European Journal</i> , 2018, 24, 4835-4840.	1.7	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.	1.7	22
110	Synthesis and thermotropic properties of new green electrochromic ionic liquid crystals. <i>New Journal of Chemistry</i> , 2019, 43, 18285-18293.	1.4	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.	1.4	22
112	Palladium-Catalyzed Oxidative Aminocarbonylation of Alkynols. <i>Synthesis</i> , 2007, 2007, 3083-3087.	1.2	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.	2.1	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.	1.7	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.	2.4	21
116	Preparation of enantioenriched iodinated pyrrolinones by iodocyclization of λ^5 -amino-ynones. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 9085.	1.5	20
117	Recent Advances in the Catalytic Synthesis of Imidazolidin-2-ones and Benzimidazolidin-2-ones. <i>Catalysts</i> , 2019, 9, 28.	1.6	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.	2.1	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.	1.4	19
120	Titanium Surface Modification for Implantable Medical Devices with Anti-Bacterial Adhesion Properties. <i>Materials</i> , 2022, 15, 3283.	1.3	19
121	A Palladium Iodide-Catalyzed Cyclocarbonylation Approach to Thiadiazafuorenones. <i>Journal of Organic Chemistry</i> , 2016, 81, 6106-6111.	1.7	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
123	Divergent syntheses of iodinated isobenzofuranones and isochromenones by iodolactonization of 2-alkynylbenzoic acids in ionic liquids. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4831-4841.	1.5	18
124	Synthesis of Imidazolidin-2-ones and Imidazol-2-ones via Base-Catalyzed Intramolecular Hydroamidation of Propargylic Ureas under Ambient Conditions. <i>Journal of Organic Chemistry</i> , 2019, 84, 3477-3490.	1.7	16
125	Palladium catalysis with sulfurated substrates under aerobic conditions: A direct oxidative carbonylation approach to thiophene-3-carboxylic esters. <i>Journal of Catalysis</i> , 2021, 393, 335-343.	3.1	16
126	Advances in Visible-Light-Mediated Carbonylative Reactions via Carbon Monoxide (CO) Incorporation. <i>Catalysts</i> , 2021, 11, 918.	1.6	16

#	ARTICLE	IF	CITATIONS
127	Diastereospecific Bisalkoxycarbonylation of 1,2-Disubstituted Olefins Catalyzed by Aryl Imine Palladium(II) Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3507-3517.	2.1	15
128	Unprecedented cooperative DBU-CuCl ₂ catalysis for the incorporation of carbon dioxide into homopropargylic amines leading to 6-methylene-1,3-oxazin-2-ones. <i>Journal of Catalysis</i> , 2020, 387, 145-153.	3.1	14
129	Palladium-catalyzed ring closure to a naphthofuranoneacetic ester by selective carbonylation of diacetylenic precursors. <i>Journal of Molecular Catalysis</i> , 1993, 78, 151-158.	1.2	13
130	<i>In vitro</i> antioxidant activity of extracts of Sybaris liquorice roots from Southern Italy. <i>Natural Product Research</i> , 2012, 26, 2176-2181.	1.0	13
131	Synthesis and Antibacterial Activity of Polymerizable Acryloyloxyalkyltriethyl Ammonium Salts. <i>ChemPlusChem</i> , 2017, 82, 1235-1244.	1.3	13
132	Catalytic Double Cyclization Process for Antitumor Agents against Breast Cancer Cell Lines. <i>IScience</i> , 2018, 3, 279-288.	1.9	13
133	A Stereoselective, Multicomponent Catalytic Carbonylative Approach to a New Class of β,γ -Unsaturated β -Lactam Derivatives. <i>Catalysts</i> , 2021, 11, 227.	1.6	13
134	A New and Expedient Total Synthesis of Ochratoxin A and d5-Ochratoxin A. <i>Synthesis</i> , 2009, 2009, 1815-1820.	1.2	12
135	Carbonylation of styrenes catalyzed by bioxazoline Pd(II) complexes: mechanism of enantioselectivity. <i>Dalton Transactions</i> , 2011, 40, 6792.	1.6	12
136	Electrophilic Iodo-Mediated Cyclization in PEG under Microwave Irradiation: Easy Access to Highly Functionalized Furans and Pyrroles. <i>Synlett</i> , 2012, 23, 1481-1484.	1.0	12
137	Palladium-Catalyzed Carbonylative Synthesis of Functionalized Benzimidazopyrimidinones. <i>Synthesis</i> , 2018, 50, 267-277.	1.2	12
138	Membrane Technology in Catalytic Carbonylation Reactions. <i>Catalysts</i> , 2019, 9, 614.	1.6	12
139	Benzofuran-2-acetic esters as a new class of natural-like herbicides. <i>Pest Management Science</i> , 2020, 76, 395-404.	1.7	12
140	A multicomponent palladium-catalyzed carbonylative approach to imidazopyridinyl-N,N-dialkylacetamides. <i>Journal of Catalysis</i> , 2020, 386, 53-59.	3.1	12
141	Multicomponent Synthesis of Benzothiophen-2-acetic Esters by a Palladium Iodide Catalyzed <i>S</i> -cyclization "Alkoxycarbonylation Sequence". <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 4612-4620.	2.1	12
142	The assay of pterostilbene in spiked matrices by liquid chromatography tandem mass spectrometry and isotope dilution method. <i>Journal of Mass Spectrometry</i> , 2010, 45, 358-363.	0.7	11
143	3-(Methoxycarbonylmethylene)isobenzofuran-1-imines as a New Class of Potential Herbicides. <i>Molecules</i> , 2014, 19, 8261-8275.	1.7	11
144	A Regio- and Stereoselective Carbonylative Approach to Alkyl (Z)-2-(3-oxoisobenzofuran-1-ylidene)acetates. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 690-695.	1.9	11

#	ARTICLE	IF	CITATIONS
145	Bis-alkoxycarbonylation of Acrylic Esters and Amides for the Synthesis of 2-alkoxycarbonyl or 2-carbamoyl Succinates. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 533-544.	2.1	11
146	Coupling of oxidative and reductive processes: catalytic carbonylation of acetals of prop-2-ynal. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 2429.	2.0	10
147	Isotope dilution method for the assay of rotenone in olive oil and river waters by liquid chromatography/multiple reaction monitoring tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 3803-3806.	0.7	10
148	Comparison of fatty acid profile and antioxidant potential of extracts of seven Citrus rootstock seeds. <i>Natural Product Research</i> , 2012, 26, 2182-2187.	1.0	10
149	A new microwave-assisted thionation-heterocyclization process leading to benzo[c]thiophene-1(3H)-thione and 1H-isothiochromene-1-thione derivatives. <i>RSC Advances</i> , 2016, 6, 20777-20780.	1.7	10
150	Synthesis and Antibacterial Activity of Polymerizable Acryloyloxyalkyltriethyl Ammonium Salts. <i>ChemPlusChem</i> , 2017, 82, 1233-1234.	1.3	10
151	Acid-catalysed or Radical-promoted Allylic Substitution of 2-methylene-2,3-dihydrobenzofuran-3-ols with Thiol Derivatives: a Novel and Expedient Synthesis of 2-(Thiomethyl)benzofurans. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 3459-3464.	1.2	9
152	A Recyclable Palladium-Catalyzed Synthesis of 2-Methylene-2,3-Dihydrobenzofuran-3-ols by Cycloisomerization of 2-(1-Hydroxyprop-2-ynyl)phenols in Ionic Liquids. <i>Molecules</i> , 2013, 18, 10901-10911.	1.7	9
153	Membrane Bioreactor-treated Domestic Wastewater for Sustainable Reuse in the Lake Victoria Region. <i>Integrated Environmental Assessment and Management</i> , 2020, 16, 942-953.	1.6	9
154	Palladium iodide catalyzed carbonylative double cyclization to a new class of S,O-bicyclic heterocycles. <i>Catalysis Today</i> , 2022, 397-399, 631-638.	2.2	9
155	A palladium iodide catalyzed regioselective carbonylative route to isocoumarin and thienopyranone carboxylic esters. <i>Journal of Catalysis</i> , 2022, 405, 164-182.	3.1	9
156	Synthesis of Benzothiophene-3-carboxylic Esters by Palladium Iodide-Catalyzed Oxidative Cyclization-deprotection-alkoxycarbonylation Sequence under Aerobic Conditions. <i>Journal of Organic Chemistry</i> , 2023, 88, 5180-5186.	1.7	9
157	New Polymeric Films with Antibacterial Activity Obtained by UV-induced Copolymerization of Acryloyloxyalkyltriethylammonium Salts with 2-Hydroxyethyl Methacrylate. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2696.	1.8	8
158	Palladium-Catalyzed Cyclocarbonylation Approach to Thiadiazafuorenones: A Correction. <i>Journal of Organic Chemistry</i> , 2019, 84, 8743-8749.	1.7	8
159	Anticancer potential of novel 1,2-unsaturated 3-lactam derivatives targeting the PI3K/AKT signaling pathway. <i>Biochemical Pharmacology</i> , 2021, 190, 114659.	2.0	8
160	Base-free conjugate addition of aliphatic nitro compounds to enones in β -mimNTf2: a recyclable synthesis of 1-nitro ketones. <i>Tetrahedron</i> , 2012, 68, 5852-5856.	1.0	7
161	Progesterone inclusion into cyclodextrin-functionalized mesoporous silica. <i>Journal of Porous Materials</i> , 2013, 20, 917-925.	1.3	7
162	Intramolecular oxidative palladium-catalyzed diamination reactions of alkenyl sulfamates: an efficient synthesis of [1,2,5]thiadiazolo-fused piperazinones. <i>RSC Advances</i> , 2016, 6, 57521-57529.	1.7	7

#	ARTICLE	IF	CITATIONS
163	Synthesis of Luminescent Fused Imidazole Bicyclic Acetic Esters by a Multicomponent Palladium Iodide-Catalyzed Oxidative Alkoxycarbonylation Approach. <i>ChemCatChem</i> , 2021, 13, 990-998.	1.8	7
164	Combined Effect of Palladium Catalyst and the Alcohol to Promote the Uncommon Bis-Alkoxycarbonylation of Allylic Substrates. <i>ChemCatChem</i> , 2022, 14, .	1.8	7
165	<i>trans</i> -Resveratrol-4, a Molecular Tracer of the Wild-Type Phytoalexin; Synthesis and Spectroscopic Properties. <i>Synthesis</i> , 2008, 2008, 2953-2956.	1.2	6
166	Characterizing traditional rice varieties grown in temperate regions of Italy: free and bound phenolic and lipid compounds and in vitro antioxidant properties. <i>Food Quality and Safety</i> , 2018, 2, 89-95.	0.6	6
167	Microwave-Assisted Synthesis of Sulfurated Heterocycles with Herbicidal Activity: Reaction of 2-Alkynylbenzoic Acids with Lawesson's Reagent. <i>ChemPlusChem</i> , 2019, 84, 942-950.	1.3	6
168	Pd-Catalysed oxidative carbonylation of α -amino amides to hydantoins under mild conditions. <i>Chemical Communications</i> , 2021, 58, 294-297.	2.2	6
169	Synthesis and mesomorphic properties of new liquid crystalline stilbene derivatives containing vinyloxyalkoxy chains. <i>Liquid Crystals</i> , 2004, 31, 733-737.	0.9	5
170	(Z)-4-(Carbomethoxymethylene)-2-(4-fluorophenyl)-4H-benzo[d][1,3]oxazine. <i>MolBank</i> , 2017, 2017, M927.	0.2	5
171	Modeling of Structure-Property Relationships of Polymerizable Surfactants with Antimicrobial Activity. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1972.	1.3	5
172	Polemic against conclusions drawn in α -Palladium/iodide catalyzed oxidative carbonylation of aniline to diphenylurea: Effect of ppm amounts of iron salts (J. Catal. 369 (2019) 257-266). <i>Journal of Catalysis</i> , 2019, 380, 387-390.	3.1	5
173	Viscosity Modification of Polymerizable Bicontinuous Microemulsion by Controlled Radical Polymerization for Membrane Coating Applications. <i>Membranes</i> , 2020, 10, 246.	1.4	5
174	Iodolactonization of 2-Alkynylthiophene-2-Carboxylic and 3-Alkynylpicolinic Acids for the Synthesis of Fused Heterocycles. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 3712-3725.	1.2	5
175	PdI ₂ as a Simple and Efficient Catalyst for the Hydroamination of Arylacetylenes with Anilines. <i>Catalysts</i> , 2020, 10, 176.	1.6	5
176	Deep Eutectic Solvents (DESs): Preliminary Results for Their Use Such as Biocides in the Building Cultural Heritage. <i>Materials</i> , 2022, 15, 4005.	1.3	5
177	Detection of ochratoxin A based on the use of its diastereoisomer as an internal standard. <i>Analytical Methods</i> , 2014, 6, 5610-5614.	1.3	4
178	A Zinc-Mediated Deprotective Annulation Approach to New Polycyclic Heterocycles. <i>Molecules</i> , 2021, 26, 2318.	1.7	4
179	Synthesis of 1,3-oxazine-2,4-diones by DBU-catalyzed incorporation of carbon dioxide into 3-ynamides. <i>Journal of CO₂ Utilization</i> , 2021, 52, 101695.	3.3	4
180	Catalysis in water: Highly efficient synthesis of heptadienoic acids by rearrangement of allyl but-3-enoate promoted by Rh(I) complexes. <i>Journal of Molecular Catalysis A</i> , 2007, 274, 87-94.	4.8	3

#	ARTICLE	IF	CITATIONS
181	Synthesis of analogues of ochratoxin A. <i>Natural Product Research</i> , 2012, 26, 1799-1805.	1.0	3
182	New Liquid Crystalline Stilbene Derivatives Containing 1,2-Dienylalkoxy Chains. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 465, 165-174.	0.4	2
183	Benzo[b]thiophene-2-carbaldehyde. <i>MolBank</i> , 2014, 2014, M823.	0.2	2
184	(S)-4-Isopropyl-5,5-diphenyloxazolidin-2-one. <i>MolBank</i> , 2018, 2018, M1017.	0.2	2
185	Advances in Palladium-Catalyzed Carboxylation Reactions. <i>Molecules</i> , 2022, 27, 262.	1.7	1
186	Editorial [Recent Developments in the Synthesis of Heterocycles by Transition-Metal Catalyzed cyclization Reactions Guest Editor: Bartolo Gabriele]. <i>Current Organic Chemistry</i> , 2006, 10, 1323-1323.	0.9	0
187	Frontispiece: An Unprecedented Pd-Catalyzed Carbonylative Route to Fused Furo[3,4-b]indol-1-ones. <i>Chemistry - A European Journal</i> , 2018, 24, .	1.7	0
188	Dimethyl 2,2-[[Carbonylbis(azanediyl)](2S,2S)-bis[3-(4-hydroxyphenyl)propanoate]. <i>MolBank</i> , 2018, 2018, M983.	0.2	0
189	Front Cover Picture: Diastereospecific Bis-alkoxycarbonylation of 1,2-Disubstituted Olefins Catalyzed by Aryl $\hat{\pm}$ -Diimine Palladium(II) Catalysts (<i>Adv. Synth. Catal.</i> 18/2018). <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3425-3425.	2.1	0
190	Synthesis, computational evaluation and pharmacological assessment of acetylsalicylic esters as anti-inflammatory agents. <i>Medicinal Chemistry Research</i> , 2019, 28, 292-299.	1.1	0
191	Front Cover Picture: Bis-alkoxycarbonylation of Acrylic Esters and Amides for the Synthesis of $\hat{\pm}$ Alkoxycarbonyl or $\hat{\pm}$ Carbamoyl Succinates (<i>Adv. Synth. Catal.</i> 3/2020). <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 437-437.	2.1	0
192	Complex Molecules in One Step. <i>ChemistryViews</i> , 0, , .	0.0	0
193	Organic Synthesis via Transition Metal-Catalysis. <i>Molecules</i> , 2022, 27, 1227.	1.7	0