# Nicola Della Ca'

List of Publications by Year
in descending order



| 82 | 3,830 | 172386 29 | 128225 60 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 105 | 105 | 105 | 2876 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Pd/Norbornene: A Winning Combination for Selective Aromatic Functionalization via Câ€“H Bond Activation. Accounts of Chemical Research, 2016, 49, 1389-1400. | 7.6 | 504 |
| 2 | Catalytic Sequential Reactions Involving Palladacycle-Directed Aryl Coupling Steps. Accounts of Chemical Research, 2008, 41, 1512-1522. | 7.6 | 496 |
| 3 | Efficient Syntheses of Heterocycles and Carbocycles by Electrophilic Cyclization of Acetylenic Aldehydes and Ketones. Organic Letters, 2004, 6, 1581-1584. | 2.4 | 204 |
| 4 | Of the Ortho Effect in Palladium/Norbornene-Catalyzed Reactions: A Theoretical Investigation. Journal of the American Chemical Society, 2011, 133, 8574-8585. | 6.6 | 176 |
| 5 | Catalytic Câ€“C coupling through Câ€“H arylation of arenes or heteroarenes. Coordination Chemistry Reviews, 2010, 254, 456-469. | 9.5 | 170 |
| 6 | Effective Guanidineâ€Catalyzed Synthesis of Carbonate and Carbamate Derivatives from Propargyl Alcohols in Supercritical Carbon Dioxide. Advanced Synthesis and Catalysis, 2011, 353, 133-146. | 2.1 | 150 |
| 7 | Syntheses of Isochromenes and Naphthalenes by Electrophilic Cyclization of Acetylenic Arenecarboxaldehydes. Journal of Organic Chemistry, 2006, 71, 3381-3388. | 1.7 | 142 |
| 8 | Synthesis of 4H-3,1-Benzoxazines, Quinazolin-2-ones, and Quinoline-4-ones by Palladium-Catalyzed Oxidative Carbonylation of 2-Ethynylaniline Derivatives. Journal of Organic Chemistry, 2004, 69, 2469-2477. | 1.7 | 110 |
| 9 | Palladiumâ€Catalyzed Reaction of Aryl Iodides with orthoâ€Bromoanilines and Norbornene/Norbornadiene: Unexpected Formation of Dibenzoazepine Derivatives. Angewandte Chemie - International Edition, 2011, 50, 12257-12261. | 7.2 | 93 |
| 10 | A Sequential Pd/Norbornene-Catalyzed Process Generates o-Biaryl Carbaldehydes or Ketones via a Redox Reaction or 6H-Dibenzopyrans by Câ€“O Ring Closure. Organic Letters, 2012, 14, 5792-5795. | 2.4 | 89 |
| 11 | Recent Developments in Catalytic Aryl Coupling Reactions. European Journal of Organic Chemistry, 2007, 2007, 4153-4165. | 1.2 | 80 |
| 12 | A Direct Palladiumâ€Catalyzed Route to Selectively Substituted Carbazoles through Sequential Cï£¿C and Cï£¿N Bond Formation: Synthesis of Carbazomycin A. Advanced Synthesis and Catalysis, 2008, 350, 2179-2182. | 2.1 | 72 |
| 13 | PdI2-Based Catalysis for Carbonylation Reactions: A Personal Account. Catalysts, 2019, 9, 610. | 1.6 | 71 |
| 14 | Palladiumâ€Catalyzed Synthesis of Selectively Substituted Phenanthridine Derivatives. Advanced Synthesis and Catalysis, 2008, 350, 2513-2516. | 2.1 | 65 |
| 15 | Heterocyclic Derivative Syntheses by Palladium-Catalyzed Oxidative Cyclizationâ€'Alkoxycarbonylation of Substituted Î³-Oxoalkynes. Journal of Organic Chemistry, 2005, 70, 4971-4979. | 1.7 | 64 |
| 16 | Synthesis of 1-(Alkoxycarbonyl)methylene-1,3-dihydroisobenzofurans and 4-(Alkoxycarbonyl)benzo[c]pyrans by Palladium-Catalysed Oxidative Carbonylation of 2-Alkynylbenzyl Alcohols, 2-Alkynylbenzaldehydes and 2-Alkynylphenyl Ketones. European Journal of Organic Chemistry, 2004, 2004, 574-585. | 1.2 | 63 |
| 17 | Catalytic Oxidative Carbonylation of Amino Moieties to Ureas, Oxamides, 2â€Oxazolidinones, and Benzoxazolones. ChemSusChem, 2015, 8, 2204-2211. | 3.6 | 63 |
| 18 | Enlarging the size of calix[4]arene-crowns-6 to improve Cs+/K+ selectivity: a theoretical and experimental study. Tetrahedron, 2004, 60, 7869-7876. | 1.0 | 57 |

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|---|---|---|---|
| 19 | Calixarene-Based Picolinamide Extractants for Selective An/Ln Separation from Radioactive Waste. European Journal of Organic Chemistry, 2005, 2005, 2338-2348. | 1.2 | 57 |
| 20 | Palladium/Norborneneâ€Catalyzed Synthesis of Heteroatomâ€Containing oâ€Teraryls from Aryl Iodides and Heteroarenes through Double Cï£¿H Activation in Sequence. Chemistry - A European Journal, 2009, 15, 7850-7853. | 1.7 | 57 |
| 21 | Palladium-catalyzed synthesis of symmetrical urea derivatives by oxidative carbonylation of primary amines in carbon dioxide medium. Journal of Catalysis, 2011, 282, 120-127. | 3.1 | 57 |
| 22 | Recent Advances in the Chemical Fixation of Carbon Dioxide: A Green Route to Carbonylated Heterocycle Synthesis. Catalysts, 2019, 9, 511. | 1.6 | 54 |
| 23 | Oneâ€Pot Palladiumâ€Catalyzed Synthesis of Selectively Substituted Phenanthridines by Sequential Arylâ€Aryl and Heck Couplings, Azaâ€Michael and Retroâ€Mannich Reactions. Advanced Synthesis and Catalysis, 2010, 352, 1451-1454. | 2.1 | 51 |
| 24 | A catalytic synthesis of selectively substituted biaryls through sequential intermolecular coupling involving arene and ketone Câ€“H bond functionalization. Chemical Communications, 2009, , 4892. | 2.2 | 48 |
| 25 | Palladium-catalyzed unsymmetrical aryl couplings in sequence leading to o-teraryls: dramatic olefin effect on selectivity. Chemical Communications, 2010, 46, 4291. | 2.2 | 47 |
| 26 | Cascade Reactions: Catalytic Synthesis of Functionalized 1,3â€Dihydroisobenzofuran and Tetrahydrofuran Derivatives by Sequential Nucleophilic Ring Openingâ€“Heterocyclizationâ€“ Oxidative Carbonylation of Alkynyloxiranes. Advanced Synthesis and Catalysis, 2009, 351, 2423-2432. | 2.1 | 45 |
| 27 | Urea derivatives from carbon dioxide and amines by guanidine catalysis: Easy access to imidazolidin-2-ones under solvent-free conditions. Journal of CO2 Utilization, 2017, 21, 553-561. | 3.3 | 40 |
| 28 | Synthesis of Carbolines via Palladium/Carboxylic Acid Joint Catalysis. Organic Letters, 2018, 20, 3220-3224. | 2.4 | 34 |
| 29 | Palladiumâ€Catalyzed Double Cyclization Processes Leading to Polycyclic Heterocycles: Recent Advances. European Journal of Organic Chemistry, 2019, 2019, 5073-5092. | 1.2 | 34 |
| 30 | 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. | 1.7 | 29 |
| 31 | A novel one-pot synthesis of oxazolidinones through direct introduction of CO2 into allylamine derivatives. Tetrahedron Letters, 2014, 55, 1379-1383. | 0.7 | 28 |
| 32 | A novel enantioselective synthesis of 6H-dibenzopyran derivatives by combined palladium/norbornene and cinchona alkaloid catalysis. Organic and Biomolecular Chemistry, 2015, 13, 2260-2263. | 1.5 | 28 |
| 33 | Homogeneous and Gasâ€“Liquid Catellaniâ€Type Reaction Enabled by Continuousâ€Flow Chemistry. Chemistry - A European Journal, 2018, 24, 14079-14083. | 1.7 | 28 |
| 34 | Auto-Tandem Catalysis in Ionic Liquids: Synthesis of 2-Oxazolidinones by Palladium-Catalyzed Oxidative Carbonylation of Propargylic Amines in EmimEtSO4. Molecules, 2016, 21, 897. | 1.7 | 24 |
| 35 | Neutral vs anionic palladium iodide-catalyzed carbonylation of terminal arylacetylenes. Journal of Molecular Catalysis A, 2015, 398, 115-126. | 4.8 | 23 |
| 36 | Competitive pathways in Pd-catalyzed synthesis of arylphenols. Tetrahedron, 2013, 69, 4421-4428. | 1.0 | 22 |

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| 37 | An Unprecedented Pdâ€Catalyzed Carbonylative Route to Fused Furo[3,4â€b]indolâ€1â€ones. Chemistry - A European Journal, 2018, 24, 4835-4840. | 1.7 | 22 |
| 38 | Site-Selective Double and Tetracyclization Routes to Fused Polyheterocyclic Structures by Pd-Catalyzed Carbonylation Reactions. Organic Letters, 2020, 22, 1569-1574. | 2.4 | 21 |
| 39 | Pd-Catalyzed/Iodide-Promoted Î±-Arylation of Ketones for the Regioselective Synthesis of Isocoumarins. Journal of Organic Chemistry, 2017, 82, 8296-8303. | 1.7 | 20 |
| 40 | Recent Advances in the Catalytic Synthesis of Imidazolidin-2-ones and Benzimidazolidin-2-ones. Catalysts, 2019, 9, 28. | 1.6 | 20 |
| 41 | Enhancing Reactivity and Selectivity of Aryl Bromides: A Complementary Approach to Dibenzo[ b,f ]azepine Derivatives. ChemCatChem, 2018, 10, 4346-4352. | 1.8 | 19 |
| 42 | New Protocols for the Synthesis of Condensed Heterocyclic Rings Through Palladium-Catalyzed Aryl Coupling Reactions. Topics in Catalysis, 2010, 53, 991-996. | 1.3 | 18 |
| 43 | Pd Catalysis in Cyanide-Free Synthesis of Nitriles from Haloarenes via Isoxazolines. Organic Letters, 2016, 18, 6108-6111. | 2.4 | 18 |
| 44 | A highly efficient Pd/CuI-catalyzed oxidative alkoxycarbonylation of Î±-olefins to unsaturated esters. Journal of Molecular Catalysis A, 2017, 426, 435-443. | 4.8 | 18 |
| 45 | Palladium(0)/benzoic acid catalysis merges sequences with D<sub>2</sub>O-promoted labelling of Câ€“H bonds. Chemical Science, 2019, 10, 10297-10304. | 3.7 | 18 |
| 46 | Continuous-Flow Synthesis of Pyrylium Tetrafluoroborates: Application to Synthesis of Katritzky Salts and Photoinduced Cationic RAFT Polymerization. Organic Letters, 2021, 23, 2042-2047. | 2.4 | 17 |
| 47 | Synthesis of Imidazolidin-2-ones and Imidazol-2-ones via Base-Catalyzed Intramolecular Hydroamidation of Propargylic Ureas under Ambient Conditions. Journal of Organic Chemistry, 2019, 84, 3477-3490. | 1.7 | 16 |
| 48 | Palladium catalysis with sulfurated substrates under aerobic conditions: A direct oxidative carbonylation approach to thiophene-3-carboxylic esters. Journal of Catalysis, 2021, 393, 335-343. | 3.1 | 16 |
| 49 | Advances in Visible-Light-Mediated Carbonylative Reactions via Carbon Monoxide (CO) Incorporation. Catalysts, 2021, 11, 918. | 1.6 | 16 |
| 50 | Diastereospecific Bisâ€alkoxycarbonylation of 1,2â€Disubstituted Olefins Catalyzed by Aryl Î±â€Diimine Palladium(II) Catalysts. Advanced Synthesis and Catalysis, 2018, 360, 3507-3517. | 2.1 | 15 |
| 51 | Separation of Enantiomers of Isochromene Derivatives by HPLC Using Cyclodextrin-Based Stationary Phases. Chromatographia, 2005, 61, 205-211. | 0.7 | 14 |
| 52 | Unprecedented cooperative DBU-CuCl2 catalysis for the incorporation of carbon dioxide into homopropargylic amines leading to 6-methylene-1,3-oxazin-2-ones. Journal of Catalysis, 2020, 387, 145-153. | 3.1 | 14 |
| 53 | Catalytic Double Cyclization Process for Antitumor Agents against Breast Cancer Cell Lines. IScience, 2018, 3, 279-288. | 1.9 | 13 |
| 54 | A Stereoselective, Multicomponent Catalytic Carbonylative Approach to a New Class of Î±,Î²-Unsaturated Î³-Lactam Derivatives. Catalysts, 2021, 11, 227. | 1.6 | 13 |

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| 55 | Formation of a carbonyl group ortho to a biaryl structure or a 6H-dibenzopyran by a palladium/norbornene-catalyzed ordered reaction sequence. Tetrahedron, 2015, 71, 6389-6401. | 1.0 | 11 |
| 56 | A Regioâ€•and Stereoselective Carbonylative Approach to Alkyl (Z)â€2â€[3â€Oxoisobenzofuranâ€1â€(3H)â€ylidene]acetates. Advanced Synthesis and Catalysis, 2019, 361, 690-695. | 2.1 | 11 |
| 57 | Bisâ€Alkoxycarbonylation of Acrylic Esters and Amides for the Synthesis of 2â€Alkoxycarbonyl or 2â€Carbamoyl Succinates. Advanced Synthesis and Catalysis, 2020, 362, 533-544. | 2.1 | 11 |
| 58 | Inter/Intramolecular Cascade of 1,6-Enynes Catalyzed by All-Metal Aromatic Tripalladium Complexes and Carboxylic Acids. Journal of Organic Chemistry, 2021, 86, 15433-15452. | 1.7 | 10 |
| 59 | Palladium iodide catalyzed carbonylative double cyclization to a new class of S,O-bicyclic heterocycles. Catalysis Today, 2022, 397-399, 631-638. | 2.2 | 9 |
| 60 | A palladium iodide catalyzed regioselective carbonylative route to isocoumarin and thienopyranone carboxylic esters. Journal of Catalysis, 2022, 405, 164-182. | 3.1 | 9 |
| 61 | Enantiomeric Separation of Isochromene Derivatives by Cyclodextrin-Modified Micellar Capillary Electrophoresis. Journal of Liquid Chromatography and Related Technologies, 2008, 31, 2035-2052. | 0.5 | 7 |
| 62 | Combined Effect of Palladium Catalyst and the Alcohol to Promote the Uncommon Bisâ€Alkoxycarbonylation of Allylic Substrates. ChemCatChem, 2022, 14, . | 1.8 | 7 |
| 63 | Synthesis of fluorenyl alcohols via cooperative palladium/norbornene catalysis. Organic and Biomolecular Chemistry, 2019, 17, 6165-6173. | 1.5 | 6 |
| 64 | Pd-Catalysed oxidative carbonylation of Î±-amino amides to hydantoins under mild conditions. Chemical Communications, 2021, 58, 294-297. | 2.2 | 6 |
| 65 | Structure and properties of arylnorbornyl palladacycles as stable models for catalytic intermediates. Inorganica Chimica Acta, 2015, 431, 230-233. | 1.2 | 5 |
| 66 | (Z)-4-(Carbomethoxymethylene)-2-(4-fluorophenyl)-4H-benzo[d][1,3]oxazine. MolBank, 2017, 2017, M927. | 0.2 | 5 |
| 67 | Polemic against conclusions drawn in â€œPalladium/iodide catalyzed oxidative carbonylation of aniline to diphenylurea: Effect of ppm amounts of iron saltsâ€•(J. Catal. 369 (2019) 257â€“266). Journal of Catalysis, 2019, 380, 387-390. | 3.1 | 5 |
| 68 | PdI2 as a Simple and Efficient Catalyst for the Hydroamination of Arylacetylenes with Anilines. Catalysts, 2020, 10, 176. | 1.6 | 5 |
| 69 | Unsymmetrical Aryl-Aryl Cross-Coupling Leading to 6H-Dibenzopyrans. Synthesis, 2008, 2008, 995-997. | 1.2 | 4 |
| 70 | Ring formation from acyclic precursors: sequential palladium-catalyzed double acetoxylation-cyclization of 3,6-heptadienoates to 2,4-diacetoxycyclopentylideneacetates. Tetrahedron Letters, 2013, 54, 2362-2365. | 0.7 | 3 |
| 71 | Palladium-Catalyzed Reactions. Catalysts, 2021, 11, 588. | 1.6 | 3 |
| 72 | (S)-4-Isopropyl-5,5-diphenyloxazolidin-2-one. MolBank, 2018, 2018, M1017. | 0.2 | 2 |

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| 73 | Cis,exo-1,2,3,4,4a,13b-hexahydro-1,4-methano-5-isopropoxy-9H-tribenzo[b,f]azepine. MolBank, 2018, 2018, M988. | 0.2 | 2 |
| 74 | Palladium- and Norbornene-Catalyzed Synthesis of Highly Functionalized Thiophenes: The Remarkable Effect of Electron-Poor Olefins as Ligand. Heterocycles, 2017, 95, 753. | 0.4 | 1 |
| 75 | Synthesis of 4H-3,1-Benzoxazines, Quinazolin-2-ones, and Quinoline-4-ones by Palladium-Catalyzed Oxidative Carbonylation of 2-Ethynylaniline Derivatives.. ChemInform, 2004, 35, no. | 0.1 | 0 |
| 76 | Efficient Syntheses of Heterocycles and Carbocycles by Electrophilic Cyclization of Acetylenic Aldehydes and Ketones.. ChemInform, 2004, 35, no. | 0.1 | 0 |
| 77 | Heterocyclic Derivative Syntheses by Palladium-Catalyzed Oxidative Cyclizationâ€"Alkoxycarbonylation of Substituted Î³-Oxoalkynes.. ChemInform, 2005, 36, no. | 0.1 | 0 |
| 78 | Frontispiece: An Unprecedented Pd-Catalyzed Carbonylative Route to Fused Furo[3,4-b ]indol-1-ones. Chemistry - A European Journal, 2018, 24, . | 1.7 | 0 |
| 79 | Dimethyl 2,2â€²-[Carbonylbis(azanediyl)](2S,2â€²S)-bis[3-(4-hydroxyphenyl)propanoate]. MolBank, 2018, 2018, M983. | 0.2 | 0 |
| 80 | Front Cover Picture: Diastereospecific Bis-alkoxycarbonylation of 1,2-Disubstituted Olefins Catalyzed by Aryl Î±-Diimine Palladium(II) Catalysts (Adv. Synth. Catal. 18/2018). Advanced Synthesis and Catalysis, 2018, 360, 3425-3425. | 2.1 | 0 |
| 81 | Front Cover Picture: Bisâ€Alkoxycarbonylation of Acrylic Esters and Amides for the Synthesis of 2â€Alkoxycarbonyl or 2â€Carbamoyl Succinates (Adv. Synth. Catal. 3/2020). Advanced Synthesis and Catalysis, 2020, 362, 437-437. | 2.1 | 0 |
| 82 | Pd-Catalyzed Sequential Reactions Involving Câ€"H Bond Activation: A Green and Sustainable Tool for Natural and Industrial Product Synthesis. Series on Chemistry, Energy and the Environment, 2020, , 17-48. | 0.3 | 0 |