

# Bartolo Gabriele

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | Synthesis of Benzothiophene-3-carboxylic Esters by Palladium Iodide-Catalyzed Oxidative Cyclizationâ€“Deprotectionâ€“Alkoxyacylation Sequence under Aerobic Conditions. <i>Journal of Organic Chemistry</i> , 2023, 88, 5180-5186.                  | 1.7 | 9         |
| 2  | 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         |
| 3  | 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         |
| 4  | Advances in Palladium-Catalyzed Carboxylation Reactions. <i>Molecules</i> , 2022, 27, 262.  | 1.7 | 1         |
| 5  | Combined Effect of Palladium Catalyst and the Alcohol to Promote the Uncommon Bisâ€“Alkoxyacylation of Allylic Substrates. <i>ChemCatChem</i> , 2022, 14, .   | 1.8 | 7         |
| 6  | Organic Synthesis via Transition Metal-Catalysis. <i>Molecules</i> , 2022, 27, 1227.  | 1.7 | 0         |
| 7  | 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        |
| 8  | Titanium Surface Modification for Implantable Medical Devices with Anti-Bacterial Adhesion Properties. <i>Materials</i> , 2022, 15, 3283.   | 1.3 | 19        |
| 9  | 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         |
| 10 | Hydrogels: Novel materials for contaminant removal in waterâ€“A review. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 1970-2014.  | 6.6 | 40        |
| 11 | Synthesis of Luminescent Fused Imidazole Bicyclic Acetic Esters by a Multicomponent Palladium Iodideâ€“Catalyzed Oxidative Alkoxyacylation Approach. <i>ChemCatChem</i> , 2021, 13, 990-998.  | 1.8 | 7         |
| 12 | 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        |
| 13 | Efficient methylation of anilines with methanol catalysed by cyclometalated ruthenium complexes. <i>Catalysis Science and Technology</i> , 2021, 11, 2512-2517.   | 2.1 | 28        |
| 14 | A Stereoselective, Multicomponent Catalytic Carbonylative Approach to a New Class of Î±,Î²-Unsaturated Î³-Lactam Derivatives. <i>Catalysts</i> , 2021, 11, 227.   | 1.6 | 13        |
| 15 | A Zinc-Mediated Deprotective Annulation Approach to New Polycyclic Heterocycles. <i>Molecules</i> , 2021, 26, 2318.   | 1.7 | 4         |
| 16 | Small-scale membrane-based arsenic removal for decentralized applicationsâ€“Developing a conceptual approach for future utilization. <i>Water Research</i> , 2021, 196, 116978.   | 5.3 | 23        |
| 17 | Advances in Visible-Light-Mediated Carbonylative Reactions via Carbon Monoxide (CO) Incorporation. <i>Catalysts</i> , 2021, 11, 918.  | 1.6 | 16        |
| 18 | Anticancer potential of novel Î±,Î²-unsaturated Î³-lactam derivatives targeting the PI3K/AKT signaling pathway. <i>Biochemical Pharmacology</i> , 2021, 190, 114659.  | 2.0 | 8         |

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|----|--|-----|-----------|
| 19 | Multicomponent Synthesis of Benzothiophenâ€”acetic Esters by a Palladium Iodide Catalyzed <i>in situ</i> Alkoxyacylation Sequence. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 4612-4620.   | 2.1 | 12        |
| 20 | 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         |
| 21 | Pd-Catalysed oxidative carbonylation of $\alpha$ -amino amides to hydantoins under mild conditions. <i>Chemical Communications</i> , 2021, 58, 294-297.  | 2.2 | 6         |
| 22 | Benzofuranâ€”acetic esters as a new class of natural-like herbicides. <i>Pest Management Science</i> , 2020, 76, 395-404.  | 1.7 | 12        |
| 23 | Bis-Alkoxyacylation of Acrylic Esters and Amides for the Synthesis of $\alpha$ -Alkoxyacyl or $\alpha$ -Carbamoyl Succinates. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 533-544.  | 2.1 | 11        |
| 24 | Front Cover Picture: Bis-Alkoxyacylation of Acrylic Esters and Amides for the Synthesis of $\alpha$ -Alkoxyacyl or $\alpha$ -Carbamoyl Succinates ( <i>Adv. Synth. Catal.</i> 3/2020). <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 437-437. | 2.1 | 0         |
| 25 | Viscosity Modification of Polymerizable Bicontinuous Microemulsion by Controlled Radical Polymerization for Membrane Coating Applications. <i>Membranes</i> , 2020, 10, 246.   | 1.4 | 5         |
| 26 | Iodolactonization of $\beta$ -Alkynylthiophenâ€”carboxylic and $\beta$ -Alkynylpicolinic Acids for the Synthesis of Fused Heterocycles. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 3712-3725.  | 1.2 | 5         |
| 27 | 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         |
| 28 | PdI2 as a Simple and Efficient Catalyst for the Hydroamination of Arylacetylenes with Anilines. <i>Catalysts</i> , 2020, 10, 176.  | 1.6 | 5         |
| 29 | 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        |
| 30 | Cyclometalated Ruthenium Pincer Complexes as Catalysts for the $\alpha$ -Alkylation of Ketones with Alcohols. <i>Chemistry - A European Journal</i> , 2020, 26, 6050-6055.   | 1.7 | 21        |
| 31 | Unprecedented cooperative DBU-CuCl2 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        |
| 32 | A multicomponent palladium-catalyzed carbonylative approach to imidazopyridinyl-N,N-dialkylacetamides. <i>Journal of Catalysis</i> , 2020, 386, 53-59.   | 3.1 | 12        |
| 33 | 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        |
| 34 | Membrane Technology in Catalytic Carbonylation Reactions. <i>Catalysts</i> , 2019, 9, 614.   | 1.6 | 12        |
| 35 | PdI2-Based Catalysis for Carbonylation Reactions: A Personal Account. <i>Catalysts</i> , 2019, 9, 610.   | 1.6 | 71        |
| 36 | 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         |

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|----|---|-----|-----------|
| 37 | Palladium-Catalyzed Cyclocarbonylation Approach to Thiadiazafuorenones: A Correction. <i>Journal of Organic Chemistry</i> , 2019, 84, 8743-8749.  | 1.7 | 8         |
| 38 | 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         |
| 39 | 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        |
| 40 | 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        |
| 41 | Pyrimidine 2,4-Diones in the Design of New HIV RT Inhibitors. <i>Molecules</i> , 2019, 24, 1718.  | 1.7 | 28        |
| 42 | 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        |
| 43 | Polemic against conclusions drawn in "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         |
| 44 | 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        |
| 45 | A Smart Nanovector for Cancer Targeted Drug Delivery Based on Graphene Quantum Dots. <i>Nanomaterials</i> , 2019, 9, 282.   | 1.9 | 83        |
| 46 | Synthesis and thermotropic properties of new green electrochromic ionic liquid crystals. <i>New Journal of Chemistry</i> , 2019, 43, 18285-18293.   | 1.4 | 22        |
| 47 | 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         |
| 48 | 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.  | 1.1 | 11        |
| 49 | Recent Advances in the Catalytic Synthesis of Imidazolidin-2-ones and Benzimidazolidin-2-ones. <i>Catalysts</i> , 2019, 9, 28.  | 1.6 | 20        |
| 50 | Diastereospecific Bisalkoxycarbonylation of 1,2-Disubstituted Olefins Catalyzed by Aryl Diimine Palladium(II) Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3507-3517.  | 2.1 | 15        |
| 51 | 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         |
| 52 | An Unprecedented Pd-Catalyzed Carbonylative Route to Fused Furo[3,4-b]indol-1-ones. <i>Chemistry - A European Journal</i> , 2018, 24, 4835-4840.  | 1.7 | 22        |
| 53 | A Palladium Iodide-Catalyzed Oxidative Aminocarbonylation-Heterocyclization Approach to Functionalized Benzimidazoimidazoles. <i>Journal of Organic Chemistry</i> , 2018, 83, 1680-1685.  | 1.7 | 22        |
| 54 | 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        |

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|----|--|-----|-----------|
| 55 | 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         |
| 56 | Palladium-Catalyzed Carbonylative Synthesis of Functionalized Benzimidazopyrimidinones. <i>Synthesis</i> , 2018, 50, 267-277.  | 1.2 | 12        |
| 57 | 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        |
| 58 | (S)-4-Isopropyl-5,5-diphenyloxazolidin-2-one. <i>MolBank</i> , 2018, 2018, M1017.  | 0.2 | 2         |
| 59 | Modeling of Structure-Property Relationships of Polymerizable Surfactants with Antimicrobial Activity. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1972.  | 1.3 | 5         |
| 60 | Divergent Syntheses of (<i>Z</i>)-3-Alkylideneisobenzofuran-1(3<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        |
| 61 | Dimethyl 2,2-[[Carbonylbis(azanediyl)](2S,2- <i>S</i> )-bis[3-(4-hydroxyphenyl)propanoate]. <i>MolBank</i> , 2018, 2018, M983.   | 0.2 | 0         |
| 62 | 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        |
| 63 | Catalytic Double Cyclization Process for Antitumor Agents against Breast Cancer Cell Lines. <i>IScience</i> , 2018, 3, 279-288.  | 1.9 | 13        |
| 64 | 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         |
| 65 | A highly efficient Pd/CuI-catalyzed oxidative alkoxycarbonylation of $\hat{\pm}$ -olefins to unsaturated esters. <i>Journal of Molecular Catalysis A</i> , 2017, 426, 435-443.   | 4.8 | 18        |
| 66 | 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        |
| 67 | 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        |
| 68 | Synthesis and Antibacterial Activity of Polymerizable Acryloyloxyalkyltriethyl Ammonium Salts. <i>ChemPlusChem</i> , 2017, 82, 1235-1244.  | 1.3 | 13        |
| 69 | Synthesis and Antibacterial Activity of Polymerizable Acryloyloxyalkyltriethyl Ammonium Salts. <i>ChemPlusChem</i> , 2017, 82, 1233-1234.  | 1.3 | 10        |
| 70 | (Z)-4-(Carbomethoxymethylene)-2-(4-fluorophenyl)-4H-benzo[d][1,3]oxazine. <i>MolBank</i> , 2017, 2017, M927.   | 0.2 | 5         |
| 71 | Auto-Tandem Catalysis in Ionic Liquids: Synthesis of 2-Oxazolidinones by Palladium-Catalyzed Oxidative Carbonylation of Propargylic Amines in EmimEtSO <sub>4</sub> . <i>Molecules</i> , 2016, 21, 897.  | 1.7 | 24        |
| 72 | 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         |

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|----|--|-----|-----------|
| 73 | Pd-Supported on N-doped carbon: improved heterogeneous catalyst for base-free alkoxy carbonylation of aryl iodides. <i>Chemical Communications</i> , 2016, 52, 12729-12732.                              | 2.2 | 25        |
| 74 | Oxidative Alkoxy carbonylation of Alkynes by Means of Aryl $\pi$ -Diimine Palladium(II) Complexes as Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3244-3253.                          | 2.1 | 19        |
| 75 | Mesophase Tuning in Discotic Dimers $\pi$ -Conjugated Ionic Liquid Crystals through Supramolecular Interactions and the Thermal History. <i>Crystal Growth and Design</i> , 2016, 16, 5646-5656.         | 1.4 | 19        |
| 76 | Palladium-Catalyzed Carbonylative Multicomponent Synthesis of Functionalized Benzimidazothiazoles. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 560-567.   | 1.3 | 25        |
| 77 | 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        |
| 78 | A Palladium Iodide-Catalyzed Cyclocarbonylation Approach to Thiadiazafuorenones. <i>Journal of Organic Chemistry</i> , 2016, 81, 6106-6111.  | 1.7 | 18        |
| 79 | 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        |
| 80 | Recent Advances in the Synthesis of Indanes and Indenes. <i>Chemistry - A European Journal</i> , 2016, 22, 5056-5094.  | 1.7 | 162       |
| 81 | Novel low-fouling membrane bioreactor (MBR) for industrial wastewater treatment. <i>Journal of Membrane Science</i> , 2016, 510, 524-532.  | 4.1 | 61        |
| 82 | 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        |
| 83 | Divergent Multicomponent Tandem Palladium-Catalyzed Aminocarbonylation-Cyclization Approaches to Functionalized Imidazothiazinones and Imidazothiazoles. <i>ChemCatChem</i> , 2015, 7, 2206-2213.        | 1.8 | 38        |
| 84 | Catalytic Oxidative Carbonylation of Amino Moieties to Ureas, Oxamides, $\alpha$ -Oxazolidinones, and Benzoxazolones. <i>ChemSusChem</i> , 2015, 8, 2204-2211.   | 3.6 | 63        |
| 85 | 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        |
| 86 | 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        |
| 87 | Neutral vs anionic palladium iodide-catalyzed carbonylation of terminal arylacetylenes. <i>Journal of Molecular Catalysis A</i> , 2015, 398, 115-126.  | 4.8 | 23        |
| 88 | Selective Aryl $\pi$ -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        |
| 89 | Recent Advances in the Synthesis of Thiophene Derivatives by Cyclization of Functionalized Alkynes. <i>Molecules</i> , 2014, 19, 15687-15719.  | 1.7 | 70        |
| 90 | 3-(Methoxycarbonylmethylene)isobenzofuran-1-imines as a New Class of Potential Herbicides. <i>Molecules</i> , 2014, 19, 8261-8275.   | 1.7 | 11        |

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|-----|---|-----|-----------|
| 91  | 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        |
| 92  | Benzo[b]thiophene-2-carbaldehyde. <i>MolBank</i> , 2014, 2014, M823.  | 0.2 | 2         |
| 93  | 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        |
| 94  | New Aryl $\pm$ -Diimine Palladium(II) Catalysts in Stereocontrolled CO/Vinyl Arene Copolymerization. <i>Organometallics</i> , 2014, 33, 129-144.  | 1.1 | 24        |
| 95  | 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         |
| 96  | 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        |
| 97  | Progesterone inclusion into cyclodextrin-functionalized mesoporous silica. <i>Journal of Porous Materials</i> , 2013, 20, 917-925.  | 1.3 | 7         |
| 98  | 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        |
| 99  | 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        |
| 100 | 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        |
| 101 | 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        |
| 102 | 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        |
| 103 | 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         |
| 104 | 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        |
| 105 | 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        |
| 106 | <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        |
| 107 | Preparation of enantioenriched iodinated pyrrolinones by iodocyclization of $\pm$ -amino-ynones. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 9085.  | 1.5 | 20        |
| 108 | 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        |

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|-----|--|-----|-----------|
| 109 | Base-free conjugate addition of aliphatic nitro compounds to enones in $\text{[BMIM][NTf}_2\text{]}$ : a recyclable synthesis of $\beta$ -nitro ketones. <i>Tetrahedron</i> , 2012, 68, 5852-5856.   | 1.0 | 7         |
| 110 | An Iodocyclization Approach to Substituted 3-Iodothiophenes. <i>Journal of Organic Chemistry</i> , 2012, 77, 7640-7645.  | 1.7 | 60        |
| 111 | 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        |
| 112 | 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       |
| 113 | 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       |
| 114 | A Palladium Iodide-Catalyzed Carbonylative Approach to Functionalized Pyrrole Derivatives. <i>Journal of Organic Chemistry</i> , 2012, 77, 4005-4016.  | 1.7 | 53        |
| 115 | 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        |
| 116 | Synthesis of analogues of ochratoxin A. <i>Natural Product Research</i> , 2012, 26, 1799-1805.   | 1.0 | 3         |
| 117 | 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.  | 1.2 | 53        |
| 118 | Carbonylation of styrenes catalyzed by bioxazoline Pd(ii) complexes: mechanism of enantioselectivity. <i>Dalton Transactions</i> , 2011, 40, 6792.   | 1.6 | 12        |
| 119 | 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        |
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