Luigi Vaccaro

List of Publications by Year
in descending order

220	8,474	34076 52	69214 77
papers	citations	h-index	g-index

293	293	293	7475
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Macroreticular POLITAG-Pd(0) for the waste minimized hydrogenation/reductive amination of phenols using formic acid as hydrogen source. Catalysis Today, 2023, 424, 113833.	2.2	1
2	Combined crossed molecular beams and computational study on the N(²D)â€‰+â€‰HCCCN(X¹Î£⁺) reaction and implications for extra-terrestrial environments. Molecular Physics, 2022, 120, .	0.8	9
3	Green solvent-processed complementary-like inverters based on ambipolar organic thin-film transistors. Journal of Industrial and Engineering Chemistry, 2022, 105, 231-237.	2.9	7
4	I2/K2S2O8-Promoted ring-opening cyclizations of benzothiazoles and 3-oxo-3-arylpropanenitriles. Molecular Catalysis, 2022, 517, 112051.	1.0	4
5	Pd-Catalyzed direct Câ€“H arylation of pyrrolo[1,2-a]quinoxalines. Organic and Biomolecular Chemistry, 2022, , .	1.5	8
6	Cu-catalyzed direct C1â€“H trifluoromethylation of pyrrolo[1,2-a]quinoxalines. Tetrahedron, 2022, 105, 132610.	1.0	7
7	Life cycle assessment of multistep benzoxazole synthesis: from batch to waste-minimised continuous flow systems. Green Chemistry, 2022, 24, 325-337.	4.6	6
8	C(sp³)âˆ’H Arylation Promoted by a Heterogeneous Palladiumâ€Nâ€Heterocyclic Carbene Complex in Batch and Continuous Flow. ChemSusChem, 2022, 15, .	3.6	11
9	Green solvents for organic electronics processing. , 2022, , 425-462.		1
10	Liquid Organic Hydrogen Carriers (LOHCs) as Hâ€Source for Bioâ€Derived Fuels and Additives Production. Advanced Energy Materials, 2022, 12, .	10.2	26
11	Waste-Minimized Continuous-Flow Synthesis of Oxindoles Exploiting a Polymer-Supported N Heterocyclic Palladium Carbene Complex in a CPME/Water Azeotrope. ACS Sustainable Chemistry and Engineering, 2022, 10, 3766-3776.	3.2	10
12	Heterogeneous palladium-catalysed intramolecular C(sp3) H Î±-arylation for the green synthesis of oxindoles. Molecular Catalysis, 2022, 522, 112211.	1.0	2
13	Î³-Valerolactone (GVL) as a green and efficient dipolar aprotic reaction medium. Current Opinion in Green and Sustainable Chemistry, 2022, 36, 100634.	3.2	5
14	Green Solvent Selection for Green-to-Blue Upconversion Based on TTA. ACS Sustainable Chemistry and Engineering, 2022, 10, 9123-9130.	3.2	3
15	C4-Sulfenylation of 4-iodine-1H-pyrazole-5-amine with arylsulfonyl hydrazide in water. Molecular Catalysis, 2022, 528, 112485.	1.0	3
16	Waste-minimized synthesis of C2 functionalized quinolines exploiting iron-catalysed Câ€“H activation. Green Chemistry, 2021, 23, 490-495.	4.6	15
17	Aerobic waste-minimized Pd-catalysed Câ€“H alkenylation in GVL using a tube-in-tube heterogeneous flow reactor. Green Chemistry, 2021, 23, 6576-6582.	4.6	19
18	Si-Gly-CD-PdNPs as a hybrid heterogeneous catalyst for environmentally friendly continuous flow Sonogashira cross-coupling. Green Chemistry, 2021, 23, 7210-7218.	4.6	14

#	Article	IF	Citations
19	Valorisation of urban waste to access low-cost heterogeneous palladium catalysts for cross-coupling reactions in biomass-derived Î³-valerolactone. Green Chemistry, 2021, 23, 5887-5895.	4.6	22
20	Replacing halogenated solvents by a butyl acetate solution of bisphenol S in the transformations of indoles. Green Chemistry, 2021, 23, 3588-3594.	4.6	9
21	Waste-Minimized Cyanosilylation of Carbonyls Using Fluoride on Polymeric Ionic Tags in Batch and under Continuous Flow Conditions. ACS Sustainable Chemistry and Engineering, 2021, 9, 5740-5749.	3.2	11
22	POLITAG-Pd(0) catalyzed continuous flow hydrogenation of lignin-derived phenolic compounds using sodium formate as a safe H-source. Molecular Catalysis, 2021, 509, 111613.	1.0	11
23	Metal Nanoparticles as Sustainable Tools for Câ€“N Bond Formation via Câ€“H Activation. Molecules, 2021, 26, 4106.	1.7	8
24	Catalytic Biomass Upgrading Exploiting Liquid Organic Hydrogen Carriers (LOHCs). ACS Sustainable Chemistry and Engineering, 2021, 9, 9604-9624.	3.2	19
25	A Wasteâ€Minimized Approach to Cassarâ€Heck Reaction Based on POLITAGâ€Pd⁰ Heterogeneous Catalyst and Recoverable Acetonitrile Azeotrope. ChemSusChem, 2021, 14, 3359-3366.	3.6	15
26	Quantitative Sustainability Assessment of Flow Chemistryâ€“From Simple Metrics to Holistic Assessment. ACS Sustainable Chemistry and Engineering, 2021, 9, 9508-9540.	3.2	38
27	Pd/C-catalyzed aerobic oxidative Câ€“H alkenylation of arenes in Î³-valerolactone (GVL). Molecular Catalysis, 2021, 513, 111787.	1.0	4
28	Twoâ€Step Access to Î² â€Substituted o â€Hydroxyphenyl Ethyl Ketones from 4â€Chromanone and its Application in Preparation of a Silicaâ€Supported Cobalt(II) Salen Complex. Advanced Synthesis and Catalysis, 2021, 363, 4754.	2.1	1
29	Biomass Waste-Derived Pdâ€“PiNe Catalyst for the Continuous-Flow Copper-Free Sonogashira Reaction in a CPMEâ€“Water Azeotropic Mixture. ACS Sustainable Chemistry and Engineering, 2021, 9, 12196-12204.	3.2	25
30	Improving the charge transport performance of solution-processed organic field-effect transistors using green solvent additives. Journal of Materials Chemistry C, 2021, 9, 16506-16515.	2.7	9
31	Sulfation pattern dependent Iron (III) mediated interleukinâ€8 glycan binding. ChemBioChem, 2021, , .	1.3	4
32	Direct synthesis of N-aryl/alkyl 3-carbonylpyrroles from the Moritaâ€“Baylisâ€“Hillman acetate of 2,2-dimethoxyacetaldehyde and a primary amine. Green Chemistry, 2021, 23, 9465-9469.	4.6	2
33	Challenges and Directions for Green Chemical Engineeringâ€”Role of Nanoscale Materials. , 2020, , 1-18.		11
34	Heterogeneous Manganeseâ€Catalyzed Oxidase Câˆ’H/Câˆ’O Cyclization to Access Pharmaceutically Active Compounds. ChemCatChem, 2020, 12, 449-454.	1.8	23
35	Waste minimized synthesis of pharmaceutically active compounds <i>via</i> heterogeneous manganese catalysed Câ€“H oxidation in flow. Green Chemistry, 2020, 22, 397-403.	4.6	40
36	Green solvent-processed organic electronic devices. Journal of Materials Chemistry C, 2020, 8, 15027-15047.	2.7	38

#	Article	IF	Citations
37	Sulfenylation of Arenes with Ethyl Arylsulfinates in Water. ACS Omega, 2020, 5, 18515-18526.	1.6	20
38	Azeotropes as Powerful Tool for Waste Minimization in Industry and Chemical Processes. Molecules, 2020, 25, 5264.	1.7	16
39	Extensive Screening of Green Solvents for Safe and Sustainable UiO-66 Synthesis. ACS Sustainable Chemistry and Engineering, 2020, 8, 17154-17164.	3.2	41
40	Polarclean/Water as a Safe and Recoverable Medium for Selective C2-Arylation of Indoles Catalyzed by Pd/C. ACS Sustainable Chemistry and Engineering, 2020, 8, 16441-16450.	3.2	20
41	Sustainable flow approaches to active pharmaceutical ingredients. Green Chemistry, 2020, 22, 5937-5955.	4.6	56
42	A heterogeneous and recoverable palladium catalyst to access the regioselective Câ€“H alkenylation of quinoline<i>N</i>-oxides. Green Chemistry, 2020, 22, 6560-6566.	4.6	28
43	Replacement strategies for non-green dipolar aprotic solvents. Green Chemistry, 2020, 22, 6240-6257.	4.6	102
44	Metal Nanoparticles Catalyzed Câ€“C Bond Formation via Câ€“H Activation. ACS Symposium Series, 2020, , 513-543.	0.5	13
45	The Italian National Project of Astrobiologyâ€"Life in Spaceâ€"Origin, Presence, Persistence of Life in Space, from Molecules to Extremophiles. Astrobiology, 2020, 20, 580-582.	1.5	10
46	I2/DMSO-Catalyzed Transformation of N-tosylhydrazones to 1,2,3-thiadiazoles. Frontiers in Chemistry, 2020, 8, 466.	1.8	17
47	Green Shades in Organic Synthesis. European Journal of Organic Chemistry, 2020, 2020, 4273-4283.	1.2	17
48	Green solvents for organic thin-film transistor processing. Journal of Materials Chemistry C, 2020, 8, 5786-5794.	2.7	38
49	C2â€“H Arylation of Indoles Catalyzed by Palladiumâ€Containing Metalâ€Organicâ€Framework in Î³â€Valerolactone. ChemSusChem, 2020, 13, 2786-2791.	3.6	29
50	Photoresponsive N,Nâ€²-disubstituted indigo derivatives. Dyes and Pigments, 2020, 176, 108197.	2.0	14
51	Synthesis and X-ray crystal structure of a Molybdenum(VI) Schiff base complex: Design of a new catalytic system for sustainable olefin epoxidation. Inorganica Chimica Acta, 2020, 511, 119775.	1.2	8
52	Reusable Pd@PEG Catalyst for Aerobic Dehydrogenative Câˆ'H/Câˆ'H Arylations of 1,2,3â€Triazoles. Chemistry - A European Journal, 2019, 25, 11427-11431.	1.7	21
53	Polymerâ€Anchored Bifunctional Pincer Catalysts for Chemoselective Transfer Hydrogenation and Related Reactions. ChemSusChem, 2019, 12, 4693-4699.	3.6	26
54	Formic acid, a biomass-derived source of energy and hydrogen for biomass upgrading. Energy and Environmental Science, 2019, 12, 2646-2664.	15.6	193

#	Article	IF	Citations
55	Continuous flow/waste-minimized synthesis of benzoxazoles catalysed by heterogeneous manganese systems. Green Chemistry, 2019, 21, 5298-5305.	4.6	38
56	Au@zirconium-phosphonate nanoparticles as an effective catalytic system for the chemoselective and switchable reduction of nitroarenes. Green Chemistry, 2019, 21, 614-626.	4.6	36
57	A tailored polymeric cationic tagâ€“anionic Pd(<scp>ii</scp>) complex as a catalyst for the low-leaching Heckâ€“Mizoroki coupling in flow and in biomass-derived GVL. Green Chemistry, 2019, 21, 355-360.	4.6	52
58	An Effective and Reusable Hyperbranched Polymer Immobilized Rhodium Catalyst for the Hydroformylation of Olefins. ACS Applied Polymer Materials, 2019, 1, 1496-1504.	2.0	23
59	Synthesis and characterization of a new zwitterionic palladium complex as an environmentally friendly catalyst for the Heck-Mizoroki coupling reaction in GVL. Molecular Catalysis, 2019, 474, 110406.	1.0	6
60	Synthesis, characterization, and comparison of two new copper(II) complexes containing Schiff-base and diazo ligands as new catalysts in CuAAC reaction. Inorganica Chimica Acta, 2019, 492, 213-220.	1.2	16
61	Front Cover Picture: A Sulfoneâ€Containing Imidazoliumâ€Based BrÃ¸nsted Acid Ionic Liquid Catalyst Enables Replacing Dipolar Aprotic Solvents with Butyl Acetate (Adv. Synth. Catal. 14/2019). Advanced Synthesis and Catalysis, 2019, 361, 3239-3239.	2.1	0
62	Efficient Liquidâ€Assisted Grinding Selective Aqueous Oxidation of Sulfides Using Supported Heteropolyacid Catalysts. ChemCatChem, 2019, 11, 2537-2545.	1.8	8
63	Key trends in sustainable approaches to the synthesis of semiconducting polymers. , 2019, , 43-89.		0
64	A Sulfoneâ€Containing Imidazoliumâ€Based BrÃ¸nsted Acid Ionic Liquid Catalyst Enables Replacing Dipolar Aprotic Solvents with Butyl Acetate. Advanced Synthesis and Catalysis, 2019, 361, 3342-3350.	2.1	39
65	Biomass-Derived Solvents for Sustainable Transition Metal-Catalyzed Câ€“H Activation. ACS Sustainable Chemistry and Engineering, 2019, 7, 8023-8040.	3.2	90
66	Câ€“H functionalization reactions under flow conditions. Chemical Society Reviews, 2019, 48, 2767-2782.	18.7	94
67	Polymer-Supported Bis-1,2,4-triazolium Ionic Tag Framework for an Efficient Pd(0) Catalytic System in Biomass Derived Î³-Valerolactone. ACS Sustainable Chemistry and Engineering, 2019, 7, 6939-6946.	3.2	39
68	Sustainable Protocol for the Reduction of Nitroarenes by Heterogeneous Au@SBAâ€15 with NaBH₄ under Flow Conditions. ChemSusChem, 2019, 12, 3178-3184.	3.6	23
69	CHAPTER 5. Sustainable Batch or Continuous-flow Preparation of Biomass-derived Fuels Using Sulfonated Organic Polymers. RSC Green Chemistry, 2019, , 79-114.	0.0	1
70	A waste-minimized protocol for copper-catalyzed Ullmann-type reaction in a biomass derived furfuryl alcohol/water azeotrope. Green Chemistry, 2018, 20, 1634-1639.	4.6	37
71	Towards Sustainable Câˆ’H Functionalization Reactions: The Emerging Role of Bioâ€Based Reaction Media. Chemistry - A European Journal, 2018, 24, 13383-13390.	1.7	42
72	Ruthenium(<scp>ii</scp>) oxidase catalysis for Câ€“H alkenylations in biomass-derived Î³-valerolactone. Green Chemistry, 2018, 20, 398-402.	4.6	62

#	Article	IF	Citations
73	Continuousâ€Flow Palladiumâ€Catalyzed Synthesis of Cyclohexanones from Phenols using Sodium Formate as a Safe Hydrogen Source. ChemCatChem, 2018, 10, 1277-1281.	1.8	29
74	Definition of green synthetic tools based on safer reaction media, heterogeneous catalysis, and flow technology. Pure and Applied Chemistry, 2018, 90, 21-33.	0.9	30
75	Recent advances in sulfonated resin catalysts for efficient biodiesel and bio-derived additives production. Progress in Energy and Combustion Science, 2018, 65, 136-162.	15.8	63
76	Waste-minimised copper-catalysed azideâ€"alkyne cycloaddition in Polarclean as a reusable and safe reaction medium. Green Chemistry, 2018, 20, 183-187.	4.6	37
77	Frontispiece: Towards Sustainable Câ^'H Functionalization Reactions: The Emerging Role of Bio-Based Reaction Media. Chemistry - A European Journal, 2018, 24, .	1.7	0
78	A continuous flow approach for the Câ€"H functionalization of 1,2,3-triazoles in Î³-valerolactone as a biomass-derived medium. Green Chemistry, 2018, 20, 2888-2893.	4.6	63
79	Boosting biomass valorisation. Synergistic design of continuous flow reactors and water-tolerant polystyrene acid catalysts for a non-stop production of esters. Green Chemistry, 2018, 20, 3222-3231.	4.6	25
80	Avoiding hot-spots in Microwave-assisted Pd/C catalysed reactions by using the biomass derived solvent Î³-Valerolactone. Scientific Reports, 2018, 8, 10571.	1.6	28
81	Non-Covalent Supported of l-Proline on Graphene Oxide/Fe3O4 Nanocomposite: A Novel, Highly Efficient and Superparamagnetically Separable Catalyst for the Synthesis of Bis-Pyrazole Derivatives. Molecules, 2018, 23, 330.	1.7	31
82	Polarclean as a Sustainable Reaction Medium for the Waste Minimized Synthesis of Heterocyclic Compounds. Frontiers in Chemistry, 2018, 6, 659.	1.8	19
83	A stereoselective organic base-catalyzed protocol for hydroamination of alkynes under solvent-free conditions. Molecular Catalysis, 2018, 455, 188-191.	1.0	13
84	Green Reaction Media for Cross-Coupling Reactions: A Recent Overview and Possible Directions. Series on Chemistry, Energy and the Environment, 2018, , 177-204.	0.3	0
85	Biomass-derived solvents as effective media for cross-coupling reactions and Câ€"H functionalization processes. Green Chemistry, 2017, 19, 1601-1612.	4.6	169
86	Excited-State Proton Transfer in Indigo. Journal of Physical Chemistry B, 2017, 121, 2308-2318.	1.2	70
87	Heterogeneous Câ€"H alkenylations in continuous-flow: oxidative palladium-catalysis in a biomass-derived reaction medium. Green Chemistry, 2017, 19, 2510-2514.	4.6	89
88	Recent Applications of Solid-Supported Ammonium Fluorides in Organic Synthesis. Synthesis, 2017, 49, 973-980.	1.2	4
89	Immobilized Palladium Nanoparticles on Zirconium Carboxy-Aminophosphonates Nanosheets as an Efficient Recoverable Heterogeneous Catalyst for Suzukiâ€"Miyaura and Heck Coupling. Catalysts, 2017, 7, 186.	1.6	31
90	Efficient Catalytic Upgrading of Levulinic Acid into Alkyl Levulinates by Resin-Supported Acids and Flow Reactors. Catalysts, 2017, 7, 235.	1.6	41

#	Article	IF	Citations
91	Preparation of Vancomycin Hydrochloride Nanoparticles and Survey of the Factors Influence their Properties. Oriental Journal of Chemistry, 2017, 33, 575-583.	0.1	2
92	Biofuels and green chemistry - a common journey ahead. Biofuel Research Journal, 2017, 4, 713-714.	7.2	16
93	Green chemistry. Beilstein Journal of Organic Chemistry, 2016, 12, 2763-2765.	1.3	12
94	Synthesis of Î²â€Cyano Ketones Promoted by a Heterogeneous Fluoride Catalyst. Advanced Synthesis and Catalysis, 2016, 358, 2134-2139.	2.1	25
95	Câ€“H arylations of 1,2,3-triazoles by reusable heterogeneous palladium catalysts in biomass-derived Î³-valerolactone. Chemical Communications, 2016, 52, 9777-9780.	2.2	101
96	A Catalytic Peterson-like Synthesis of Alkenyl Nitriles. Organic Letters, 2016, 18, 2680-2683.	2.4	25
97	Sustainable Approach to Waste-Minimized Sonogashira Cross-Coupling Reaction Based on Recoverable/Reusable Heterogeneous Catalytic/Base System and Acetonitrile Azeotrope. ACS Sustainable Chemistry and Engineering, 2016, 4, 7209-7216.	3.2	42
98	Selective monomethyl esterification of linear dicarboxylic acids with bifunctional alumina catalysts. Green Chemistry, 2016, 18, 5764-5768.	4.6	8
99	Searching for novel reusable biomass-derived solvents: furfuryl alcohol/water azeotrope as a medium for waste-minimised copper-catalysed azideâ€“alkyne cycloaddition. Green Chemistry, 2016, 18, 6380-6386.	4.6	36
100	Heterogeneous palladium-catalysed Catellani reaction in biomass-derived Î³-valerolactone. Green Chemistry, 2016, 18, 5025-5030.	4.6	90
101	Click-chemistry approaches to Ï€-conjugated polymers for organic electronics applications. Chemical Science, 2016, 7, 6298-6308.	3.7	104
102	PS-BEMP as a basic catalyst for the phospha-Michael addition to electron-poor alkenes. Organic and Biomolecular Chemistry, 2016, 14, 3521-3525.	1.5	20
103	Heterogeneous catalytic approaches in Câ€“H activation reactions. Green Chemistry, 2016, 18, 3471-3493.	4.6	192
104	Current methodologies for a sustainable approach to Ï€-conjugated organic semiconductors. Energy and Environmental Science, 2016, 9, 763-786.	15.6	112
105	An Efficient and Waste-Minimized One-Pot Procedure for the Preparation of <i>N</i>-Boc-Î³-amino Alcohols Starting from Î±,Î²-Unsaturated Ketones in Flow. Organic Process Research and Development, 2016, 20, 474-479.	1.3	13
106	Multistep Flow Procedure for the Waste-Minimized Preparation of<i>N</i>-Boc-ÃŸ-Amino Ketones. Journal of Flow Chemistry, 2015, 4, 40-43.	1.2	9
107	Crossâ€Linked Thiazolidine Network as Support for Palladium: A New Catalyst for Suzuki and Heck Reactions. ChemCatChem, 2015, 7, 2526-2533.	1.8	32
108	Synthesis, characterization and catalytic activity of novel large network polystyrene-immobilized organic bases. RSC Advances, 2015, 5, 107200-107208.	1.7	20

#	Article	IF	Citations
109	Novel cross-linked polystyrenes with large space network as tailor-made catalyst supports for sustainable media. European Polymer Journal, 2015, 73, 391-401.	2.6	31
110	Immobilized palladium nanoparticles on potassium zirconium phosphate as an efficient recoverable heterogeneous catalyst for a clean Heck reaction in flow. Journal of Molecular Catalysis A, 2015, 401, 27-34.	4.8	41
111	Domino Hydrogenationâ€“Reductive Amination of Phenols, a Simple Process To Access Substituted Cyclohexylamines. Organic Letters, 2015, 17, 3990-3993.	2.4	56
112	Aquivion PFSA as a Novel Solid and Reusable Acid Catalyst in the Synthesis of 2-Pyrrolidin-2-ones in Flow. ACS Sustainable Chemistry and Engineering, 2015, 3, 1873-1880.	3.2	31
113	Waste Minimized Multistep Preparation in Flow of Î²-Amino Acids Starting from Î±,Î²-Unsaturated Carboxylic Acids. ACS Sustainable Chemistry and Engineering, 2015, 3, 1221-1226.	3.2	16
114	Efficient <i>E</i>â€Selective Transfer Semihydrogenation of Alkynes by Means of Ligandâ€Metal Cooperating Ruthenium Catalyst. Advanced Synthesis and Catalysis, 2015, 357, 2351-2357.	2.1	54
115	Accessing stable zirconium carboxy-aminophosphonate nanosheets as support for highly active Pd nanoparticles. Chemical Communications, 2015, 51, 15990-15993.	2.2	42
116	Î³-Valerolactone as an alternative biomass-derived medium for the Sonogashira reaction. Green Chemistry, 2015, 17, 1071-1076.	4.6	124
117	A comparative approach to the most sustainable protocol for the Î²-azidation of Î±,Î²-unsaturated ketones and acids. Green Chemistry, 2015, 17, 913-925.	4.6	17
118	A biomass-derived safe medium to replace toxic dipolar solvents and access cleaner Heck coupling reactions. Green Chemistry, 2015, 17, 365-372.	4.6	120
119	Synthesis of chiral nonracemic PC(sp3)P pincer ligands. Journal of Organometallic Chemistry, 2014, 750, 13-16.	0.8	20
120	Small Molecular Aryl Acetylenes: Chemically Tailoring Highâ€Efficiency Organic Semiconductors for Solar Cells and Fieldâ€Effect Transistors. ChemPlusChem, 2014, 79, 486-507.	1.3	43
121	Synthesis of Zirconium Phosphonate Supported <scp>L</scp>â€Proline as an Effective Organocatalyst for Direct Asymmetric Aldol Addition. European Journal of Organic Chemistry, 2014, 2014, 1716-1726.	1.2	30
122	Synthesis and characterization of novel polystyrene-supported TBD catalysts and their use in the Michael addition for the synthesis of Warfarin and its analogues. Journal of Catalysis, 2014, 309, 260-267.	3.1	31
123	A Catalytic Approach to the Metal-Free Reaction of Epoxides with Ketene Silyl Acetals for Accessing Î³-Lactones. Organic Letters, 2014, 16, 5721-5723.	2.4	9
124	Î³-Valerolactone as a Renewable Dipolar Aprotic Solvent Deriving from Biomass Degradation for the Hiyama Reaction. ACS Sustainable Chemistry and Engineering, 2014, 2, 2461-2464.	3.2	111
125	An E-Factor Minimized Protocol for a Sustainable and Efficient Heck Reaction in Flow. ACS Sustainable Chemistry and Engineering, 2014, 2, 2813-2819.	3.2	53
126	Flow approaches towards sustainability. Green Chemistry, 2014, 16, 3680-3704.	4.6	213

#	Article	IF	Citations
127	Evidences of release and catch mechanism in the Heck reaction catalyzed by palladium immobilized on highly cross-linked-supported imidazolium salts. Journal of Molecular Catalysis A, 2014, 387, 57-62.	4.8	38
128	E-Factor minimized hydrophosphonylation of aldehydes catalyzed by polystyryl-BEMP under solvent-free conditions. Organic and Biomolecular Chemistry, 2013, 11, 5042.	1.5	24
129	A waste-minimized protocol for the preparation of 1,2-azido alcohols and 1,2-amino alcohols. Green Chemistry, 2013, 15, 2394.	4.6	27
130	Synthesis of polymeric semiconductors by a surface-initiated approach. RSC Advances, 2013, 3, 23909.	1.7	26
131	Study on the Influence of a Sustainable Medium for the Design of Multistep Processes: Three-Component Synthesis of 2-Nitroamines. Synlett, 2013, 24, 2596-2600.	1.0	2
132	Efficient synthesis of cyanohydrin trimethylsilyl ethers via 1,2-chemoselective cyanosilylation of carbonyls. Green Chemistry, 2013, 15, 199-204.	4.6	46
133	Sustainable synthetic approach to Ï€-conjugated arylacetylenic semiconductors for bulk heterojunction solar cells. RSC Advances, 2013, 3, 9288.	1.7	15
134	Bifunctional Ruthenium(II) PCP Pincer Complexes and Their Catalytic Activity in Acceptorless Dehydrogenative Reactions. Organometallics, 2013, 32, 3069-3073.	1.1	76
135	Palladium Supported on Crossâ€Linked Imidazolium Network on Silica as Highly Sustainable Catalysts for the Suzuki Reaction under Flow Conditions. Advanced Synthesis and Catalysis, 2013, 355, 2007-2018.	2.1	91
136	Semiconducting Arylacetylene:Insulating Polymer Blends for Organic-Based Electronic Devices. Materials Research Society Symposia Proceedings, 2012, 1402, 94.	0.1	0
137	Copper(II) Triflate-Sodium Dodecyl Sulfate Catalyzed Preparation of 1,2-Diphenyl-2,3-dihydro-4-pyridones in Aqueous Acidic Medium. Synthesis, 2012, 44, 2181-2184.	1.2	6
138	[2]Catenanes on Surfaces as Candidates for Nanoelectronic Devices. Current Organic Synthesis, 2012, 9, 188-198.	0.7	4
139	Water as Reaction Medium in the Synthetic Processes Involving Epoxides. , 2012, , 209-232.		0
140	Additions & Corrections. Green Chemistry, 2012, 14, 3451.	4.6	1
141	A Protocol for Accessing the Î²-Azidation of Î±,Î²-Unsaturated Carboxylic Acids. Organic Letters, 2012, 14, 4610-4613.	2.4	33
142	Poly(3-hexylthiophene): synthetic methodologies and properties in bulk heterojunction solar cells. Energy and Environmental Science, 2012, 5, 8457.	15.6	197
143	Î²-Nitroacrylates as key starting materials for the one-pot synthesis of densely functionalized penta-substituted anilines. Tetrahedron, 2012, 68, 8231-8235.	1.0	12
144	E-factor minimized protocols for the polystyryl-BEMP catalyzed conjugate additions of various nucleophiles to Î±,Î²-unsaturated carbonyl compounds. Green Chemistry, 2012, 14, 164-169.	4.6	50

#	Article	IF	Citations
145	Organic Small Molecules for Photonics and Electronics from the [2.2]Paracyclophane Scaffold. Israel Journal of Chemistry, 2012, 52, 41-52.	1.0	35
146	Preparation and Use of Polystyrylâ€DABCOF₂: An Efficient Recoverable and Reusable Catalyst for Î²â€Azidation of Î±,Î²â€Unsaturated Ketones in Water. Advanced Synthesis and Catalysis, 2012, 354, 908-916.	2.1	37
147	Semiconducting Polymers Prepared by Direct Arylation Polycondensation. Angewandte Chemie - International Edition, 2012, 51, 3520-3523.	7.2	197
148	Rasta resin as support for TBD in base-catalyzed organic processes. Journal of Catalysis, 2012, 285, 216-222.	3.1	33
149	Sc(III)-Catalyzed Enantioselective Addition of Thiols to Î±,Î²-Unsaturated Ketones in Neutral Water. Organic Letters, 2011, 13, 2150-2152.	2.4	76
150	JandaJel as a polymeric support to improve the catalytic efficiency of immobilized-1,5,7-triazabicyclo[4.4.0]dec-5-ene (TBD) under solvent-free conditions. Green Chemistry, 2011, 13, 3181.	4.6	24
151	Stereoselective Ring-Opening Reactions of Epoxides in Water. Current Organic Synthesis, 2011, 8, 319-329.	0.7	19
152	Influence of molecular architecture and processing on properties of semiconducting arylacetylene: Insulating poly(vinylidene fluoride) blends. Organic Electronics, 2011, 12, 1886-1892.	1.4	23
153	New zirconium hydrogen phosphate alkyl and/or aryl phosphonates with high surface area as heterogeneous BrÃ,nsted acid catalysts for aza-Dielsâ€“Alder reaction in aqueous medium. Journal of Catalysis, 2011, 277, 80-87.	3.1	35
154	Supported l-proline on zirconium phosphates methyl and/or phenyl phosphonates as heterogeneous organocatalysts for direct asymmetric aldol addition. Journal of Catalysis, 2011, 282, 112-119.	3.1	60
155	A New Oneâ€Pot Synthesis of Polysubstituted Indoles from Pyrroles and Î²â€Nitroacrylates. Advanced Synthesis and Catalysis, 2011, 353, 1425-1428.	2.1	32
156	Diastereoselective Threeâ€Step Route to <i>o</i>â€(6â€Nitrocyclohexâ€3â€enâ€1â€yl)phenol and Tetrahydroâ€6<i>H</i>â€benzo[<i>c</i>]chromenâ€6â€ol Derivatives from Salicylaldehydes. European Journal of Organic Chemistry, 2011, 2011, 2874-2884.	1.2	32
157	Ringâ€Opening of Epoxides in Water. European Journal of Organic Chemistry, 2011, 2011, 2587-2598.	1.2	109
158	Heterogeneous Bisoxazoline/Copper Complex: A Green Catalyst for the Enantioselective Reaction of Nitromethane with Substituted Benzaldehydes. European Journal of Organic Chemistry, 2011, 2011, 5551-5554.	1.2	23
159	2â€<i>tert</i>â€Butyliminoâ€2â€diethylaminoâ€1,3â€dimethylperhydroâ€1,3,2â€diazaphosphorine Supported on Polystyrene (PSâ€BEMP) as an Efficient Recoverable and Reusable Catalyst for the Phenolysis of Epoxides under Solventâ€Free Conditions. Advanced Synthesis and Catalysis, 2010, 352, 2489-2496.	2.1	50
160	A catalytic approach to the base-promoted reaction of epoxides with activated methylenes. Tetrahedron Letters, 2010, 51, 1566-1569.	0.7	29
161	An E-factor minimized protocol for the preparation of methyl Î²-hydroxy esters. Green Chemistry, 2010, 12, 1301.	4.6	58
162	Solid-Supported Ammonium Fluorides in Organic Synthesis. Current Organic Synthesis, 2009, 6, 203-218.	0.7	24

#	Article	IF	Citations
163	Amberlite IRA900F as a Solid Fluoride Source for a Variety of Organic Transformations under Solventâ€Free Conditions. European Journal of Organic Chemistry, 2008, 2008, 3928-3932.	1.2	39
164	Polystyrylâ€BEMP as an Efficient Recyclable Catalyst for the Nucleophilic Addition of Nitroalkanes to Î±,Î²â€Unsaturated Carbonyl Compounds under Solventâ€Free Conditions. Advanced Synthesis and Catalysis, 2008, 350, 1218-1224.	2.1	46
165	Catalyst- and solvent-free conditions as an environmentally benign approach to 4-aryl-3-cyano-hexahydro-4H-1,2-benzoxazine-2-oxides. Green Chemistry, 2008, 10, 327.	4.6	11
166	IsoluteÂ® Si-carbonate catalyzes the nitronate addition to both aldehydes and electron-poor alkenes under solvent-free conditions. Green Chemistry, 2008, 10, 541.	4.6	24
167	Zn(II)-Catalyzed Desymmetrization of <i>meso</i>-Epoxides by Aromatic Amines in Water. Synlett, 2008, 2008, 1574-1578.	1.0	10
168	Enantioselective Michael Addition of Dimethyl Malonate to (E)-β- Nitrostyrenes Catalyzed by Cinchona Alkaloids Under Solvent-Free Condition. Letters in Organic Chemistry, 2008, 5, 602-606.	0.2	9
169	Zr(DS)4 as an Efficient Catalyst for the Aminolysis of Epoxides in Water. Synlett, 2007, 2007, 2683-2686.	1.0	1
170	Recent developments on the chemistry of aliphatic nitro compounds under aqueous medium. Green Chemistry, 2007, 9, 823.	4.6	70
171	Amberlite IRA900N3 as a New Catalyst for the Azidation of Î±,Î²-Unsaturated Ketones under Solvent-Free Conditions. Journal of Organic Chemistry, 2006, 71, 9536-9539.	1.7	51
172	[AlCl3 + 2THF]:â€‰ A New and Efficient Catalytic System for Dielsâˆ'Alder Cycloaddition of Î±,Î²-Unsaturated Carbonyl Compounds under Solvent-Free Conditions. Organic Letters, 2006, 8, 2487-2489.	2.4	62
173	Dielsâˆ'Alder Reactions of 3-Substituted Coumarins in Water and under High-Pressure Condition. An Uncatalyzed Route to Tetrahydro-6H-benzo[c]chromen-6-ones. Journal of Organic Chemistry, 2006, 71, 70-74.	1.7	54
174	Uncatalyzed and Solvent-Free Multicomponent Process for the Synthesis of Biphenyl-2-carbonitrile Derivatives. Organic Letters, 2006, 8, 5741-5744.	2.4	37
175	In(OTf)3-catalyzed thiolysis of 1,2-epoxides by arylthiols under SFC. A new approach for the synthesis of thiazolopyridinium ionic liquids. Green Chemistry, 2006, 8, 191-196.	4.6	20
176	InCl3-Catalyzed Regio- and Stereoselective Thiolysis of Î±,Î²-Epoxycarboxylic Acids in Water.. ChemInform, 2006, 37, no.	0.1	0
177	Polystyrene-Supported 1,5,7-Triazabicyclo[4.4.0]dec-5-ene as an Efficient and Reusable Catalyst for the Thiolysis of 1,2-Epoxides under Solvent-Free Conditions. European Journal of Organic Chemistry, 2006, 2006, 1231-1236.	1.2	36
178	Hafnium Chloride Tetrahydrofuran Complex-Catalyzed Dielsâ€"Alder Cycloadditions of 3-Ethoxycarbonylcoumarins with 1,3-Dienes under Solvent-Free Conditions. Advanced Synthesis and Catalysis, 2006, 348, 297-300.	2.1	24
179	A green route to Î²-amino alcohols via the uncatalyzed aminolysis of 1,2-epoxides by alkyl- and arylamines. Green Chemistry, 2006, 8, 960-964.	4.6	57
180	Synthesis of 4-Aryl-1H-1,2,3-triazoles through TBAF-Catalyzed [3 + 2] Cycloaddition of 2-Aryl-1-nitroethenes with TMSN3under Solvent-Free Conditions. Journal of Organic Chemistry, 2005, 70, 6526-6529.	1.7	126

#	Article	IF	Citations
181	Solvent-Free Al(OTf)3-Catalyzed Aminolysis of 1,2-Epoxides by 2-Picolylamine: A Key Step in the Synthesis of Ionic Liquids.. ChemInform, 2005, 36, no.	0.1	0
182	Polystyryl-Supported TBD as an Efficient and Reusable Catalyst under Solvent-Free Conditions.. ChemInform, 2005, 36, no.	0.1	0
183	One-Pot Synthesis of Benzo[e]1,4-oxathiepin-5-ones under Solvent-Free Condition via Self-Promoted Thiolysis of 1,2-Epoxides.. ChemInform, 2005, 36, no.	0.1	0
184	Synthesis of 4-Aryl-1H-1,2,3-triazoles Through TBAF-Catalyzed [3 + 2] Cycloaddition of 2-Aryl-1-nitroethenes with TMSN3 under Solvent-Free Conditions.. ChemInform, 2005, 36, no.	0.1	0
185	InCl3-Catalyzed Regio- and Stereoselective Thiolysis of Î±,Î²-Epoxycarboxylic Acids in Water. Organic Letters, 2005, 7, 4411-4414.	2.4	59
186	TBAF-catalyzed [3 + 2]cycloaddition of TMSN3 to 3-nitrocoumarins under SFC: an effective green route to chromeno[3,4-d][1,2,3]triazol-4(3H)-ones. Green Chemistry, 2005, 7, 874.	4.6	34
187	TBAF-Catalyzed Synthesis of 5-Substituted 1H-Tetrazoles under Solventless Conditions. Journal of Organic Chemistry, 2004, 69, 2896-2898.	1.7	258
188	Zn(II)-Catalyzed Thiolysis of Oxiranes in Water under Neutral Conditions.. ChemInform, 2004, 35, no.	0.1	0
189	3-Nitrocoumarins as Dienophiles in the Dielsâ€"Alder Reaction in Water. An Approach to the Synthesis of Nitrotetrahydrobenzo[c]chromenones and Dihydrodibenzo[b,d]furans.. ChemInform, 2004, 35, no.	0.1	0
190	Indium Salt Promoted Organic Reactions. ChemInform, 2004, 35, no.	0.1	0
191	NaOH-Catalyzed Thiolysis of Î±,Î²-Epoxyketones in Water. A Key Step in the Synthesis of Target Molecules Starting from Î±,Î²-Unsaturated Ketones.. ChemInform, 2004, 35, no.	0.1	0
192	TBAF-Catalyzed Synthesis of 5-Substituted 1H-Tetrazoles under Solventless Conditions.. ChemInform, 2004, 35, no.	0.1	0
193	Polystyryl-supported TBD as an efficient and reusable catalyst under solvent-free conditions. Chemical Communications, 2004, , 2756.	2.2	54
194	Solvent-Free Al(OTf)3-Catalyzed Aminolysis of 1,2-Epoxides by 2-Picolylamine:Â A Key Step in the Synthesis of Ionic Liquids. Journal of Organic Chemistry, 2004, 69, 7745-7747.	1.7	44
195	One-Pot Synthesis of Benzo[e]1,4-oxathiepin-5-ones under Solvent-Free Condition via Self-Promoted Thiolysis of 1,2-Epoxides. Journal of Organic Chemistry, 2004, 69, 8780-8785.	1.7	56
196	NaOH-Catalyzed Thiolysis of Î±,Î²-Epoxyketones in Water. A Key Step in the Synthesis of Target Molecules Starting from Î±,Î²-Unsaturated Ketones. Journal of Organic Chemistry, 2004, 69, 2315-2321.	1.7	70
197	First One-Pot Copper-Catalyzed Synthesis of Î±-Hydroxy-Î²-Amino Acids in Water. A New Protocol for Preparation of Optically Active Norstatines. Journal of Organic Chemistry, 2003, 68, 7041-7045.	1.7	63
198	Thiolysis of 1,2-Epoxides by Thiophenol Catalyzed under Solvent-Free Conditions.. ChemInform, 2003, 34, no.	0.1	0

#	Article	IF	Citations
199	Thiolysis of 1,2-epoxides by thiophenol catalyzed under solvent-free conditions. Tetrahedron Letters, 2003, 44, 6785-6787.	0.7	72
200	3-Nitrocoumarins as Dienophiles in the Dielsâ^'Alder Reaction in Water. An Approach to the Synthesis of Nitrotetrahydrobenzo[c]chromenones and Dihydrodibenzo[b,d]furans. Journal of Organic Chemistry, 2003, 68, 9263-9268.	1.7	65
201	Zn(II)-Catalyzed Thiolysis of Oxiranes in Water under Neutral Conditions. Journal of Organic Chemistry, 2003, 68, 8248-8251.	1.7	97
202	Easy and environmentally friendly uncatalyzed synthesis of Î²-hydroxy arylsulfides by thiolysis of 1,2-epoxides in water. Green Chemistry, 2003, 5, 436-440.	4.6	43
203	Epoxidation of Î±,Î²-unsaturated ketones in water. An environmentally benign protocol. Green Chemistry, 2003, 5, 425-428.	4.6	61
204	Indium Salt-Promoted Organic Reactions. Current Organic Chemistry, 2003, 7, 1661-1689.	0.9	82
205	ZnCl2as an Efficient Catalyst in the Thiolysis of 1,2-Epoxides by Thiophenol in Aqueous Medium. Synlett, 2003, 2003, 2292-2296.	1.0	4
206	Nucleophilic ring opening of 1,2-epoxides in aqueous medium. Arkivoc, 2003, 2002, 293-311.	0.3	7
207	SELECTED METHODS FOR THE REDUCTION OF THE AZIDO GROUP. Organic Preparations and Procedures International, 2002, 34, 109-147.	0.6	32
208	Thiolysis of Alkyl- and Aryl-1,2-epoxides in Water Catalyzed by InCl3. Advanced Synthesis and Catalysis, 2002, 344, 379-384.	2.1	57
209	Thiolysis of Alkylâ€•and Arylâ€1,2â€epoxides in Water Catalyzed by InCl₃.. ChemInform, 2002, 33, 52-52.	0.1	0
210	Lewis-Acid Catalyzed Organic Reactions in Water. The Case of AlCl3, TiCl4, and SnCl4Believed To Be Unusable in Aqueous Mediumâ€. Journal of Organic Chemistry, 2001, 66, 4719-4722.	1.7	74
211	Efficient O-Trimethylsilylation of Alcohols and Phenols with Trimethylsilyl Azide Catalyzed by Tetrabutylammonium Bromide under Neat Conditions. Journal of Organic Chemistry, 2001, 66, 6734-6737.	1.7	66
212	Bromolysis and Iodolysis of Î±,Î²-Epoxycarboxylic Acids in Water Catalyzed by Indium Halides. Journal of Organic Chemistry, 2001, 66, 4463-4467.	1.7	45
213	Water, a clean, inexpensive, and re-usable reaction medium. One-pot synthesis of (E)-2-aryl-1-cyano-1-nitroethenes. Green Chemistry, 2001, 3, 229-232.	4.6	53
214	Azidolysis of Î±,Î²-Epoxycarboxylic Acids. A Water-Promoted Process Efficiently Catalyzed by Indium Trichloride at pH 4.0. Journal of Organic Chemistry, 2001, 66, 3554-3558.	1.7	55
215	AlCl 3 as an efficient Lewis acid catalyst in water. Tetrahedron Letters, 2001, 42, 1131-1133.	0.7	53
216	Recent Advances in Lewis Acid Catalyzed Dielsâ^'Alder Reactions in Aqueous Media. European Journal of Organic Chemistry, 2001, 2001, 439-455.	1.2	146

#	Article	IF	Citations
217	Cobalt(II) Chloride-Catalyzed Chemoselective Sodium Borohydride Reduction of Azides in Water. Synthesis, 2000, 2000, 646-650.	1.2	62
218	First Efficient Regio- and Stereoselective Metal-Catalyzed Azidolysis of 2,3-Epoxycarboxylic Acids in Water. Synlett, 2000, 2000, 311-314.	1.0	4
219	Ring Opening of Epoxides with Sodium Azide in Water. A Regioselective pH-Controlled Reaction. Journal of Organic Chemistry, 1999, 64, 6094-6096.	1.7	113
220	Pericyclic Reactions in Aqueous Media. , 0, , 146-184.		3