Maurizio Selva

List of Publications by Year
in descending order

152 papers	5,654 citations	70961 41 h-index	95083 68 g-index
196 all docs	196 docs citations	196 times ranked	4704 citing authors

#	Article	IF	Citations
1	The Chemistry of Dimethyl Carbonate. Accounts of Chemical Research, 2002, 35, 706-716.	7.6	985
2	Waste-to-wealth: biowaste valorization into valuable bio(nano)materials. Chemical Society Reviews, 2019, 48, 4791-4822.	18.7	244
3	Dimethyl carbonate: a versatile reagent for a sustainable valorization of renewables. Green Chemistry, 2018, 20, 288-322.	4.6	204
4	Green chemistry metrics: a comparative evaluation of dimethyl carbonate, methyl iodide, dimethyl sulfate and methanol as methylating agents. Green Chemistry, 2008, 10, 457.	4.6	180
5	Facile hydrodehalogenation with hydrogen and palladium/carbon catalyst under multiphase conditions. Journal of Organic Chemistry, 1993, 58, 5256-5260.	1.7	95
6	Ionic Liquids Made with Dimethyl Carbonate: Solvents as well as Boosted Basic Catalysts for the Michael Reaction. Chemistry - A European Journal, 2009, 15, 12273-12282.	1.7	95
7	Carbon Dots from Sugars and Ascorbic Acid: Role of the Precursors on Morphology, Properties, Toxicity, and Drug Uptake. ACS Medicinal Chemistry Letters, 2018, 9, 832-837.	1.3	95
8	Facile Hydrodehalogenation with H2 and Pd/C Catalyst under Multiphase Conditions. Part 2. Selectivity and Kinetics. Journal of Organic Chemistry, 1994, 59, 3830-3837.	1.7	94
9	Upgrading of marine (fish and crustaceans) biowaste for high added-value molecules and bio(nano)-materials. Chemical Society Reviews, 2020, 49, 4527-4563.	18.7	93
10	Dimethylcarbonate for eco-friendly methylation reactions. Chemosphere, 2001, 43, 115-121.	4.2	83
11	Design of Carbon Dots for Metal-free Photoredox Catalysis. ACS Applied Materials & Interfaces, 2018, 10, 40560-40567.	4.0	79
12	The influence of a second metal component (Cu, Sn, Fe) on Pd/SiO2 activity in the hydrogenation of 2,4-dinitrotoluene. Catalysis Letters, 1991, 10, 215-223.	1.4	78
13	Reaction of Functionalized Anilines with Dimethyl Carbonate over NaY Faujasite. 3. Chemoselectivity toward Mono-N-methylation. Journal of Organic Chemistry, 2003, 68, 7374-7378.	1.7	76
14	Selective mono-N-methylation of primary aromatic amines by dimethyl carbonate over faujasite X- and Y-type zeolites. Journal of the Chemical Society Perkin Transactions 1, 1997, , 1041-1046.	0.9	74
15	Applications of Dimethyl Carbonate for the Chemical Upgrading of Biosourced Platform Chemicals. ACS Sustainable Chemistry and Engineering, 2019, 7, 6471-6479.	3.2	73
16	Synthesis of oxazolidinones in supercritical CO2 under heterogeneous catalysis. Tetrahedron Letters, 2007, 48, 2131-2134.	0.7	68
17	The synthesis of alkyl carbamates from primary aliphatic amines and dialkyl carbonates in supercritical carbon dioxide. Tetrahedron Letters, 2002, 43, 1217-1219.	0.7	67
18	Upgrade of Biomass-Derived Levulinic Acid via Ru/C-Catalyzed Hydrogenation to Î³-Valerolactone in Aqueousâ€"Organicâ€"Ionic Liquids Multiphase Systems. ACS Sustainable Chemistry and Engineering, 2013, 1, 180-189.	3.2	66

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19	Highly Chemoselective Methylation and Esterification Reactions with Dimethyl Carbonate in the Presence of NaY Faujasite. The Case of Mercaptophenols, Mercaptobenzoic Acids, and Carboxylic Acids Bearing OH Substituents. Journal of Organic Chemistry, 2006, 71, 1464-1470.	1.7	65
20	Pd-Fe/SiO2 Catalysts in the Hydrogenation of 2,4-Dinitrotoluene. Journal of Catalysis, 1994, 150, 356-367.	3.1	64
21	Reaction of Primary Aromatic Amines with Alkyl Carbonates over NaY Faujasite:Â A Convenient and Selective Access to Mono-N-alkyl Anilines. Journal of Organic Chemistry, 2001, 66, 677-680.	1.7	64
22	Selective mono-methylation of arylacetonitriles and methyl arylacetates by dimethyl carbonate. Journal of the Chemical Society Perkin Transactions 1, 1994, , 1323.	0.9	61
23	A Continuous-Flow O-Methylation of Phenols with Dimethyl Carbonate in a Continuously Fed Stirred Tank Reactor. Industrial & Engineering Chemistry Research, 1999, 38, 2075-2079.	1.8	61
24	Facile Hydrodehalogenation with H2 and Pd/C Catalyst under Multiphase Conditions. 3. Selective Removal of Halogen from Functionalized Aryl Ketones. 4. Aryl Halide-Promoted Reduction of Benzyl Alcohols to Alkanes. Journal of Organic Chemistry, 1995, 60, 2430-2435.	1.7	55
25	Mono-N-methylation of Functionalized Anilines with Alkyl Methyl Carbonates over NaY Faujasites. 4. Kinetics and Selectivity. Journal of Organic Chemistry, 2005, 70, 2476-2485.	1.7	52
26	Mono-N-methylation of Primary Amines with Alkyl Methyl Carbonates over Y Faujasites. 2. Kinetics and Selectivity. Journal of Organic Chemistry, 2002, 67, 9238-9247.	1.7	51
27	Carbonate phosphonium salts as catalysts for the transesterification of dialkyl carbonates with diols. The competition between cyclic carbonates and linear dicarbonate products. Organic and Biomolecular Chemistry, 2014, 12, 4143-4155.	1.5	51
28	Tandem catalysis: one-pot synthesis of cyclic organic carbonates from olefins and carbon dioxide. Green Chemistry, 2021, 23, 1921-1941.	4.6	51
29	Hydrodehalogenation of polychlorinated aromatic halides by hypophosphite with Pd/C catalyst under multiphase conditions. Journal of the Chemical Society Perkin Transactions 1, 1993, , 529.	0.9	50
30	Selectivity in hydrodehalogenation of polychloro- and polybromobenzenes under multiphase conditions. Journal of Molecular Catalysis A, 1995, 96, 301-309.	4.8	49
31	Heck reaction catalyzed by Pd/C, in a triphasicâ€"organic/Aliquat 336/aqueousâ€"solvent system. Organic and Biomolecular Chemistry, 2004, 2, 2249-2252.	1.5	49
32	Selective catalytic etherification of glycerol formal and solketal with dialkyl carbonates and K2CO3. Green Chemistry, 2012, 14, 188-200.	4.6	49
33	Dimethyl Carbonate in the Supercages of NaY Zeolite: The Role of Local Fields in Promoting Methylation and Carboxymethylation Activity. Angewandte Chemie - International Edition, 2005, 44, 4774-4777.	7.2	48
34	SelectiveN,N-Dimethylation of Primary Aromatic Amines with Methyl Alkyl Carbonates in the Presence of Phosphonium Salts. Journal of Organic Chemistry, 2006, 71, 5770-5773.	1.7	48
35	A mild catalytic detoxification method for PCDDs and PCDFs. Applied Catalysis B: Environmental, 2001, 32, L1-L7.	10.8	47
36	Thermal (Catalyst-Free) Transesterification of Diols and Glycerol with Dimethyl Carbonate: A Flexible Reaction for Batch and Continuous-Flow Applications. ACS Sustainable Chemistry and Engineering, 2016, 4, 6144-6151.	3.2	47

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37	Reaction of oximes with dimethyl carbonate: a new entry to 3-methyl-4,5-disubstituted-4-oxazolin-2-ones. Journal of Organic Chemistry, 1993, 58, 5765-5770.	1.7	46
38	The reaction of primary aromatic amines with alkylene carbonates for the selective synthesis of bis-N-(2-hydroxy)alkylanilines: the catalytic effect of phosphonium-based ionic liquids. Organic and Biomolecular Chemistry, 2010, 8, 5187.	1.5	46
39	Carbonate, acetate and phenolate phosphonium salts as catalysts in transesterification reactions for the synthesis of non-symmetric dialkyl carbonates. Organic and Biomolecular Chemistry, 2012, 10, 6569.	1.5	45
40	Green approaches to highly selective processes: Reactions of dimethyl carbonate over both zeolites and base catalysts. Pure and Applied Chemistry, 2007, 79, 1855-1867.	0.9	44
41	Reactions of p-coumaryl alcohol model compounds with dimethyl carbonate. Towards the upgrading of lignin building blocks. Green Chemistry, 2013, 15, 3195.	4.6	44
42	Multiphase heterogeneous catalytic enantioselective hydrogenation of acetophenone over cinchona-modified Pt/C. Journal of Molecular Catalysis A, 2002, 180, 169-175.	4.8	41
43	Selective Mono-C-methylations of Arylacetonitriles and Arylacetates with Dimethylcarbonate:Â A Mechanistic Investigation. Journal of Organic Chemistry, 2002, 67, 1071-1077.	1.7	41
44	The methylation of benzyl-type alcohols with dimethyl carbonate in the presence of Y- and X-faujasites: selective synthesis of methyl ethers. Green Chemistry, 2008, 10, 73-79.	4.6	41
45	Decarboxylation of dialkyl carbonates to dialkyl ethers over alkali metal-exchanged faujasites. Green Chemistry, 2011, 13, 863.	4.6	41
46	A Multiphase Protocol for Selective Hydrogenation and Reductive Amination of Levulinic Acid with Integrated Catalyst Recovery. ChemSusChem, 2019, 12, 3343-3354.	3.6	40
47	A new synthesis of 2-aryloxypropionic acids derivatives via selective mono-c-methylation of methyl aryloxyacetates and aryloxyacetonitriles with dimethyl carbonate. Tetrahedron, 1995, 51, 11573-11580.	1.0	39
48	Carbon dots as photocatalysts for organic synthesis: metal-free methyleneâ€“oxygen-bond photocleavage. Green Chemistry, 2020, 22, 1145-1149.	4.6	38
49	Synthesis of Methyl Carbamates from Primary Aliphatic Amines and Dimethyl Carbonate in Supercritical CO2:â€‰ Effects of Pressure and Cosolvents and Chemoselectivity. Journal of Organic Chemistry, 2005, 70, 2771-2777.	1.7	36
50	Alkyl Methyl Carbonates as Methylating Agents. The O-Methylation of Phenols. Synlett, 2000, 2000, 272-274.	1.0	35
51	Sequential coupling of the transesterification of cyclic carbonates with the selective N-methylation of anilines catalysed by faujasites. Green Chemistry, 2008, 10, 1068.	4.6	34
52	Ionic liquids as transesterification catalysts: applications for the synthesis of linear and cyclic organic carbonates. Beilstein Journal of Organic Chemistry, 2016, 12, 1911-1924.	1.3	34
53	Continuous niobium phosphate catalysed Skraup reaction for quinoline synthesis from solketal. Green Chemistry, 2017, 19, 2439-2447.	4.6	34
54	Selective N-methylation of primary aliphatic amines with dimethyl carbonate in the presence of alkali cation exchanged Y-faujasites. Tetrahedron Letters, 2003, 44, 8139-8142.	0.7	32

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55	Extractive Denitrogenation of Fuel Oils with Ionic Liquids: A Systematic Study. Energy & Fuels, 2017, 31, 2183-2189.	2.5	31
56	The reaction of glycerol carbonate with primary aromatic amines in the presence of Y- and X-faujasites: the synthesis of N-(2,3-dihydroxy)propyl anilines and the reaction mechanism. Green Chemistry, 2009, 11, 1161.	4.6	30
57	Renewable Aromatics from Kraft Lignin with Molybdenumâ€Based Catalysts. ChemCatChem, 2017, 9, 2717-2726.	1.8	29
58	A flexible Pinner preparation of orthoesters: the model case of trimethylorthobenzoate. Green Chemistry, 2013, 15, 2252.	4.6	28
59	Methylcarbonate and Bicarbonate Phosphonium Salts as Catalysts for the Nitroaldol (Henry) Reaction. Journal of Organic Chemistry, 2012, 77, 1805-1811.	1.7	27
60	Upgrading of Biobased Lactones with Dialkylcarbonates. ACS Sustainable Chemistry and Engineering, 2014, 2, 2131-2141.	3.2	27
61	Towards a Rational Design of a Continuous-Flow Method for the Acetalization of Crude Glycerol: Scope and Limitations of Commercial Amberlyst 36 and AlF3Â·3H2O as Model Catalysts. Molecules, 2016, 21, 657.	1.7	27
62	Chemoselective reactions of dimethyl carbonate catalysed by alkali metal exchanged faujasites: the case of indolyl carboxylic acids and indolyl-substituted alkyl carboxylic acids. Green Chemistry, 2007, 9, 463.	4.6	26
63	The design of efficient carbonate interchange reactions with catechol carbonate. Green Chemistry, 2017, 19, 1519-1528.	4.6	26
64	Toward the Design of Halideâ€•and Metalâ€Free Ionicâ€Liquid Catalysts for the Cycloaddition of CO₂ to Epoxides. Asian Journal of Organic Chemistry, 2014, 3, 504-513.	1.3	25
65	High-Temperature Batch and Continuous-Flow Transesterification of Alkyl and Enol Esters with Glycerol and Its Acetal Derivatives. ACS Sustainable Chemistry and Engineering, 2018, 6, 3964-3973.	3.2	25
66	Biobased Carbon Dots: From Fish Scales to Photocatalysis. Nanomaterials, 2021, 11, 524.	1.9	25
67	Hydrodehalogenation of Halogenated Aryl Ketones under Multiphase Conditions. 5. Chemoselectivity toward Aryl Alcohols over a Pt/C Catalyst. Journal of Organic Chemistry, 1998, 63, 3266-3271.	1.7	24
68	Cooperative nucleophilicâ€"electrophilic organocatalysis by ionic liquids. Chemical Communications, 2012, 48, 5178.	2.2	24
69	Selective N,N-Dibenzylation of Primary Aliphatic Amines with Dibenzyl Carbonate in the Presence of Phosphonium Salts. Journal of Organic Chemistry, 2004, 69, 3953-3956.	1.7	23
70	Formation and reaction of diazonium salts in a CO2/H2O system. Green Chemistry, 2007, 9, 777.	4.6	22
71	Phosphonium-based tetrakis dibenzoylmethane Eu(<scp>iii</scp>) and Sm(<scp>iii</scp>) complexes: synthesis, crystal structure and photoluminescence properties in a weakly coordinating phosphonium ionic liquid. RSC Advances, 2015, 5, 60898-60907.	1.7	22
72	Precursor-Dependent Photocatalytic Activity of Carbon Dots. Molecules, 2020, 25, 101.	1.7	22

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73	N-Doped Carbon Dot Hydrogels from Brewing Waste for Photocatalytic Wastewater Treatment. ACS Omega, 2022, 7, 4052-4061.	1.6	22
74	Esters and orthoesters as alkylating agents at high temperature. Applications to continuous-flow processes. Journal of the Chemical Society Perkin Transactions II, 1992, , 519.	0.9	21
75	Hydrodehalogenation of Halogenated Aryl Ketones under Multiphase Conditions. 6. pH Effect on the Chemoselectivity and Preliminary Mechanistic Investigation. Journal of Organic Chemistry, 1999, 64, 3934-3939.	1.7	21
76	Continuous-flow, gas phase synthesis of 1-chlorobutane (1-bromobutane) from 1-butanol and aqueous HCl (HBr) over silica-supported quaternary phosphonium salt. Green Chemistry, 2005, 7, 464.	4.6	21
77	Nucleophilic Displacements in Supercritical Carbon Dioxide Using Silica-Supported Phase-Transfer Agents. Journal of Organic Chemistry, 2001, 66, 4047-4049.	1.7	20
78	Dimethyl Carbonate as a Methylating Agent. The Selective Mono-C-methylation of Alkyl Aryl Sulfones. Journal of Chemical Research Synopses, 1997, , 448.	0.3	19
79	Dimethylcarbonate as a Green Reagent. ACS Symposium Series, 2000, , 87-99.	0.5	19
80	Selective mono-benzylation of methylene active compounds with dibenzyl carbonate: benzylation of phenol. Journal of the Chemical Society Perkin Transactions 1, 1995, , 1889.	0.9	18
81	Microwave-assisted methylation of dihydroxybenzene derivatives with dimethyl carbonate. RSC Advances, 2016, 6, 58443-58451.	1.7	18
82	Upgrading of glycerol acetals by thermal catalyst-free transesterification of dialkyl carbonates under continuous-flow conditions. Green Chemistry, 2015, 17, 1008-1023.	4.6	17
83	A Simple One-Pot Synthesis of Functionalized Ketimines from Ketones and Amine Hydrochloride Salts. Synthetic Communications, 1995, 25, 369-378.	1.1	16
84	Trimethyl Orthoformate as a Highly Selective Mono-C-Methylating Agent for Arylacetonitriles. Journal of Organic Chemistry, 1998, 63, 9540-9544.	1.7	16
85	Triphasic liquid systems: generation and segregation of catalytically active Pd nanoparticles in an ammonium-based catalyst-philic phase. Chemical Communications, 2006, , 4480.	2.2	16
86	Eco-friendly synthesis of Î²-nitro ketones from conjugated enones: an important improvement of the Miyakoshi procedure. Green Chemistry, 2011, 13, 2026.	4.6	16
87	Methyltriphenylphosphonium Methylcarbonate, an Allâ€Inâ€One Wittig Vinylation Reagent. ChemSusChem, 2015, 8, 3963-3966.	3.6	16
88	Acid-Catalyzed Reactions of Isopropenyl Esters and Renewable Diols: A 100% Carbon Efficient Transesterification/Acetalization Tandem Sequence, from Batch to Continuous Flow. ACS Sustainable Chemistry and Engineering, 2019, 7, 18810-18818.	3.2	16
89	Carbon-supported WO_{<i>x</i>}â€“Ru-based catalysts for the selective hydrogenolysis of glycerol to 1,2-propanediol. Catalysis Science and Technology, 2022, 12, 259-272.	2.1	15
90	Selective Nitroaldol Condensations over Heterogeneous Catalysts in the Presence of Supercritical Carbon Dioxide. Journal of Organic Chemistry, 2008, 73, 8520-8528.	1.7	14

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91	Advancements and Complexities in the Conversion of Lignocellulose Into Chemicals and Materials. Frontiers in Chemistry, 2020, 8, 797.	1.8	14
92	Continuous-flow alkene metathesis: the model reaction of 1-octene catalyzed by Re2O7/Î³-Al2O3 with supercritical CO2 as a carrier. Green Chemistry, 2012, 14, 2727.	4.6	13
93	Continuousâ€Flow <i>O</i>â€Alkylation of Biobased Derivatives with Dialkyl Carbonates in the Presence of Magnesiumâ€“Aluminium Hydrotalcites as Catalyst Precursors. ChemSusChem, 2017, 10, 1571-1583.	3.6	13
94	Improved Selectivity in the Chloromethylation of Alkylbenzenes in the Presence of Quaternary Ammonium Salts. Synthesis, 1991, 1991, 1003-1004.	1.2	12
95	Synthesis of Substituted Phenyl Ketones via Pd-Catalysed hydrodechlorination of Their Polychlorinated Derivatives. Synthesis, 1996, 1996, 1109-1114.	1.2	12
96	Synthesis of dibenzyl carbonate: towards a sustainable catalytic approach. RSC Advances, 2014, 4, 1929-1937.	1.7	12
97	Synthesis of the Fatty Esters of Solketal and Glycerol-Formal: Biobased Specialty Chemicals. Molecules, 2016, 21, 170.	1.7	12
98	A transesterificationâ€“acetalization catalytic tandem process for the functionalization of glycerol: the pivotal role of isopropenyl acetate. Green Chemistry, 2020, 22, 5487-5496.	4.6	12
99	Supercritical CO2 extraction of natural antibacterials from low value weeds and agro-waste. Journal of CO2 Utilization, 2020, 40, 101198.	3.3	12
100	Diethylene Glycol/NaBr Catalyzed CO₂ Insertion into Terminal Epoxides: From Batch to Continuous Flow. ChemCatChem, 2021, 13, 2005-2016.	1.8	12
101	Selective Mono-Methylation of Arylacetonitriles and Methyl Arylacetates by Dimethylcarbonate. ACS Symposium Series, 1996, , 81-91.	0.5	11
102	The synthesis of alkyl aryl nitriles from N-(1-arylalkylidene)cyanomethylamines. Part 2. Mechanism. Perkin Transactions II RSC, 2002, , 1033-1037.	1.1	11
103	Nucleophilic Displacements in Supercritical Carbon Dioxide under Phase-Transfer Catalysis Conditions. 2. Effect of Pressure and Kinetics. Journal of Organic Chemistry, 2003, 68, 4046-4051.	1.7	11
104	Triphasic Liquid Systems for Improved Separations. Trioctylmethylammonium Chlorideâ€Immobilised Rhodium Trichloride: A Phosphineâ€Free Hydroformylation Catalytic System. Advanced Synthesis and Catalysis, 2007, 349, 1858-1862.	2.1	11
105	Luminescent dansyl-based ionic liquids from amino acids and methylcarbonate onium salt precursors: synthesis and photobehaviour. Green Chemistry, 2015, 17, 538-550.	4.6	11
106	Single-Step Methylation of Chitosan Using Dimethyl Carbonate as a Green Methylating Agent. Molecules, 2019, 24, 3986.	1.7	11
107	Tungstate ionic liquids as catalysts for CO2 fixation into epoxides. Molecular Catalysis, 2020, 486, 110854.	1.0	11
108	Efficient synthesis of N-alkylformimidoyl cyanides. Tetrahedron Letters, 1999, 40, 7573-7576.	0.7	10

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109	Synthesis Pf Alkylaryl- and Diaryxnitriles From Ketones via N-(l-Aryxalkyldene)-Cyanomethyl Amines. Synthetic Communications, 1999, 29, 1561-1569.	1.1	10
110	Dimethyl Carbonate as a Green Reagent. , 0, , 77-102.		10
111	Phosphonium nitrate ionic liquid catalysed electrophilic aromatic oxychlorination. Green Chemistry, 2010, 12, 1654.	4.6	10
112	Kinetic parameter estimation of solventâ€free reactions monitored by ¹³C NMR spectroscopy, a case study: Monoâ€and diâ€(hydroxy)ethylation of aniline with ethylene carbonate. International Journal of Chemical Kinetics, 2011, 43, 154-160.	1.0	10
113	Towards life in hydrocarbons: aggregation behaviour of â€œreverseâ€surfactants in cyclohexane. RSC Advances, 2017, 7, 15337-15341.	1.7	10
114	Nanotechnologies for the sustainable valorization of biowastes. Current Opinion in Green and Sustainable Chemistry, 2020, 24, 38-41.	3.2	10
115	A New Family of Renewable Thermosets: Kraft Lignin Polyâ€adipates. ChemSusChem, 2022, 15, .	3.6	10
116	The Reaction of Dialkyl Carbonates witho-Aminophenol Catalysed by K2CO3: A Novel High-Yield Synthesis ofN-Alkylbenzoxazol-2-ones. Synthesis, 2003, 2003, 2872-2876.	1.2	9
117	The metathesis of Î±-olefins over supported Re-catalysts in supercritical CO₂. Green Chemistry, 2009, 11, 229-238.	4.6	9
118	Diversified upgrading of HMF via acetylation, aldol condensation, carboxymethylation, vinylation and reductive amination reactions. Molecular Catalysis, 2021, 514, 111838.	1.0	9
119	Phosphonium salts and P-ylides. Organophosphorus Chemistry, 2016, , 132-169.	0.3	8
120	Multiphase Hydrogenation of <scp>d</scp>-Glucosamine Hydrochloride, N-Acetyl-<scp>d</scp>-Glucosamine, <scp>d</scp>-Glucose, and <scp>d</scp>-Maltose over Ru/C with Integrated Catalyst Recovery. ACS Sustainable Chemistry and Engineering, 2022, 10, 2844-2858.	3.2	8
121	From Development to Industrialization of an IAPACÂ® Marine Outboard D.I. 2-Stroke Engine. , 2001, , .		7
122	Peptide anchored Langmuirâ€“Blodgett films of a fullerene amphiphile. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2001, 190, 295-303.	2.3	7
123	Self-Metathesis of 1-Octene Using Alumina-Supported Re2O7 in Supercritical CO2. Topics in Catalysis, 2009, 52, 315-321.	1.3	7
124	Tunable Multiâ€Phase System for Highly Chemoâ€Selective Oxidation of Hydroxymethylâ€Furfural. ChemSusChem, 2022, 15, .	3.6	7
125	Tuning the Selectivity of the Hydrogenation/Hydrogenolysis of 5â€Hydroxymethylfurfural under Batch Multiphase and Continuousâ€Flow Conditions. ChemSusChem, 2022, 15, .	3.6	7
126	The synthesis of alkyl aryl nitriles from N-(1-arylalkylidene)cyanomethyl amines: some mechanistic conclusions. Journal of the Chemical Society Perkin Transactions II, 1999, , 2485-2492.	0.9	6

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127	Multiphase hydrodechlorination of polychlorinated aromatics â€“ Towards scale-up. Chemosphere, 2017, 173, 535-541.	4.2	6
128	Benign-by-design advanced nanomaterials for environmental and energy-related applications. Current Opinion in Green and Sustainable Chemistry, 2019, 15, 98-102.	3.2	6
129	One-Pot Tandem Catalytic Epoxidationâ€"CO2 Insertion of Monounsaturated Methyl Oleate to the Corresponding Cyclic Organic Carbonate. Catalysts, 2021, 11, 1477.	1.6	6
130	Direct oxidative carboxylation of terminal olefins to cyclic carbonates by tungstate assisted-tandem catalysis. Green Chemistry, 2021, 23, 7609-7619.	4.6	5
131	Metal Nanoparticles Stabilized in Ionic Liquids for Catalytic Multiphase Reactions. Current Organic Chemistry, 2017, 21, .	0.9	5
132	Concatenated Batch and Continuous Flow Procedures for the Upgrading of Glycerol-Derived Aminodiols via N-Acetylation and Acetalization Reactions. Catalysts, 2021, 11, 21.	1.6	5
133	The use of dialkyl carbonates for safe and highly selective alkylations of methyleneâ€active compounds. A process without waste production. Recueil Des Travaux Chimiques Des Pays-Bas, 1996, 115, 256-260.	0.0	4
134	Chapter 4. Phosphonium salts and P-ylides. Organophosphorus Chemistry, 2015, , 136-169.	0.3	4
135	Two-Step Synthesis of Dialkyl Carbonates through Transcarbonation and Disproportionation Reactions Catalyzed by Calcined Hydrotalcites. ACS Sustainable Chemistry and Engineering, 2018, 6, 9488-9497.	3.2	4
136	Chapter 3. Phosphonium salts and P-ylides. Organophosphorus Chemistry, 2014, , 85-116.	0.3	4
137	Efficient and stable titania-based nanocatalytic materials for the reductive amination of furfural. Materials Today Chemistry, 2022, 24, 100873.	1.7	4
138	Glycerol Valorization towards a Benzoxazine Derivative through a Milling and Microwave Sequential Strategy. Molecules, 2022, 27, 632.	1.7	3
139	Hydrodehalogenation of polychlorinated aromatics with Pd/C catalyst under multiphase conditions.. Rendiconti Lincei, 1992, 3, 283-294.	1.0	2
140	Comment on the paper â€œZeolite-promoted selective mono-N-methylation of aniline with dimethyl carbonateâ€•by T. Esakkidurai and Kasi Pitchumani, School of Chemistry, Madurai Kamaraj University, India [J. Mol. Catal. A: Chem. 218 (2004) 197â€"201]. Journal of Molecular Catalysis A, 2004, 222, 273-274.	4.8	2
141	Changing the Action of Iron from Stoichiometric to Electrocatalytic in the Hydrogenation of Ketones in Aqueous Acidic Media. ChemSusChem, 2015, 8, 3712-3717.	3.6	2
142	Reaction of Glycerol with Trimethyl Orthoformate: Towards the Synthesis of New Glycerol Derivatives. Catalysts, 2019, 9, 534.	1.6	2
143	CO2 and Organic Carbonates for the Sustainable Valorization of Renewable Compounds. RSC Green Chemistry, 2019, , 319-342.	0.0	2
144	Isopropenyl esters (iPEs) in green organic synthesis. Chemistry - A European Journal, 2022, , .	1.7	2

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145	Ionic liquid mediated deposition of ruthenium mirrors on glass under multiphase conditions. New Journal of Chemistry, 2016, 40, 1948-1952.	1.4	1
146	Phosphonium salts and P-ylides. Organophosphorus Chemistry, 0, , 157-211.	0.3	1
147	Phosphonium salts and P-ylides. Organophosphorus Chemistry, 2019, , 145-198.	0.3	1
148	Phosphonium salts and P-ylides. Organophosphorus Chemistry, 0, , 139-182.	0.3	1
149	Reaction of Functionalized Anilines with Dimethyl Carbonate over NaY Faujasite. Part 3. Chemoselectivity Toward Mono-N-methylation.. ChemInform, 2004, 35, no.	0.1	0
150	The Reaction of Dialkyl Carbonates with o-Aminophenol Catalyzed by K2CO3: A Novel High-Yield Synthesis of N-Alkylbenzoxazol-2-ones.. ChemInform, 2004, 35, no.	0.1	0
151	Dimethylcarbonate-Assisted Ring-Opening of Biobased Valerolactones with Methanol. ACS Sustainable Chemistry and Engineering, 2016, 4, 6193-6199.	3.2	0
152	Frontispiece: Isopropenyl Esters (iPEs) in Green Organic Synthesis. Chemistry - A European Journal, 2022, 28, .	1.7	0