

Rosaria Ciriminna

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

254
papers

9,459
citations

48
h-index

90
g-index

346
ext. papers

10,829
ext. citations

6.4
avg, IF

6.57
L-index

#	Paper	IF	Citations
254	Pectin: New science and forthcoming applications of the most valued hydrocolloid. <i>Food Hydrocolloids</i> , 2022 , 127, 107483	10.6	3
253	Micronized cellulose from citrus processing waste using water and electricity only.. <i>International Journal of Biological Macromolecules</i> , 2022 , 204, 587-587	7.9	0
252	Towards AquaSun practical utilization: Strong adhesion and lack of ecotoxicity of solar-driven antifouling sol-gel coating. <i>Progress in Organic Coatings</i> , 2022 , 165, 106771	4.8	0
251	Economic and technical feasibility of AnchoisFert organic fertilizer production. <i>Current Research in Green and Sustainable Chemistry</i> , 2022 , 5, 100315	4.1	2
250	Red Orange and Bitter Orange IntegroPectin: Structure and Main Functional Compounds. <i>Molecules</i> , 2022 , 27, 3243	4.8	0
249	Flavonoids in Lemon and Grapefruit IntegroPectin*. <i>ChemistryOpen</i> , 2021 , 10, 1055-1058	2.3	3
248	The Limonene Biorefinery: From Extractive Technologies to Its Catalytic Upgrading into p-Cymene. <i>Catalysts</i> , 2021 , 11, 387	4	3
247	Tannin: a new insight into a key product for the bioeconomy in forest regions. <i>Biofuels, Bioproducts and Biorefining</i> , 2021 , 15, 973	5.3	2
246	New Neuroprotective Effect of Lemon IntegroPectin on Neuronal Cellular Model. <i>Antioxidants</i> , 2021 , 10,	7.1	7
245	Green and Quick Extraction of Stable Biophenol-Rich Red Extracts from Grape Processing Waste. <i>ACS Food Science & Technology</i> , 2021 , 1, 937-942		1
244	Omeg@Silica: Entrapment and Stabilization of Sustainably Sourced Fish Oil. <i>ChemistryOpen</i> , 2021 , 10, 581-586	2.3	2
243	Application of nanocellulose composites in the environmental engineering: A review. <i>Journal of Composites and Compounds</i> , 2021 , 3, 114-128	2	9
242	Heterogeneous catalysis under flow for the 21st century fine chemical industry. <i>Green Energy and Environment</i> , 2021 , 6, 161-166	5.7	16
241	Aerobic oxidation and oxidative esterification of alcohols through cooperative catalysis under metal-free conditions. <i>Chemical Communications</i> , 2021 , 57, 8897-8900	5.8	1
240	Towards the Anchovy Biorefinery: Biogas Production from Anchovy Processing Waste after Fish Oil Extraction with Biobased Limonene. <i>Sustainability</i> , 2021 , 13, 2428	3.6	4
239	Sustainably Sourced Olive Polyphenols and Omega-3 Marine Lipids: A Synergy Fostering Public Health. <i>ACS Food Science & Technology</i> , 2021 , 1, 139-145		3
238	Silica-Microencapsulated Orange Oil for Sustainable Pest Control. <i>Advanced Sustainable Systems</i> , 2021 , 5, 2000280	5.9	4

237	Protective, Antioxidant and Antiproliferative Activity of Grapefruit IntegroPectin on SH-SY5Y Cells. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
236	Microbial production of hyaluronic acid: the case of an emergent technology in the bioeconomy. <i>Biofuels, Bioproducts and Biorefining</i> , 2021 , 15, 1604	5.3	1
235	Mesoporous silica particles functionalized with newly extracted fish oil (Omeg@Silica) inhibit lung cancer cell growth. <i>Nanomedicine</i> , 2021 , 16, 2061-2074	5.6	3
234	CyteroCell: Valued Cellulose from Citrus Processing Waste. <i>Molecules</i> , 2021 , 26,	4.8	5
233	Enhanced polysaccharide nanofibers oxidation over Silia TEMPO. <i>Chemical Communications</i> , 2021 , 57, 7863-7868	5.8	0
232	“Quick, convenient, and clean”: Advancing education in green chemistry and nanocatalysis using sol-gel catalysts under flow. <i>Current Research in Green and Sustainable Chemistry</i> , 2021 , 4, 100123	4.1	0
231	Reaping the benefits of open science in scholarly communication.. <i>Heliyon</i> , 2021 , 7, e08638	3.6	1
230	Technical and Economic Feasibility of a Stable Yellow Natural Colorant Production from Waste Lemon Peel. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 6812	2.6	1
229	Exceptional Antioxidant, Non-Cytotoxic Activity of Integral Lemon Pectin from Hydrodynamic Cavitation. <i>ChemistrySelect</i> , 2020 , 5, 5066-5071	1.8	13
228	Superior Antibacterial Activity of Integral Lemon Pectin Extracted via Hydrodynamic Cavitation. <i>ChemistryOpen</i> , 2020 , 9, 628-630	2.3	17
227	The Case for a Lemon Bioeconomy. <i>Advanced Sustainable Systems</i> , 2020 , 4, 2000006	5.9	10
226	Effective and Green Removal of Trichloroacetic Acid from Disinfected Water. <i>Materials</i> , 2020 , 13,	3.5	3
225	Biodegradable and Compostable Plastics: A Critical Perspective on the Dawn of their Global Adoption. <i>ChemistryOpen</i> , 2020 , 9, 8-13	2.3	20
224	Volatile Compounds of Lemon and Grapefruit IntegroPectin. <i>Molecules</i> , 2020 , 26,	4.8	8
223	Review of Evidence Available on Hesperidin-Rich Products as Potential Tools against COVID-19 and Hydrodynamic Cavitation-Based Extraction as a Method of Increasing Their Production. <i>Processes</i> , 2020 , 8, 549	2.9	58
222	Making fine chemicals, nanomaterials and pharmaceutical ingredients over SiliaCat catalysts. <i>Applied Materials Today</i> , 2020 , 20, 100661	6.6	6
221	Single-atom catalysis: A practically viable technology?. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2020 , 25, 100358	7.9	3
220	Vitamin D3 in fish oil extracted with limonene from anchovy leftovers. <i>Chemical Data Collections</i> , 2020 , 25, 100311	2.1	9

219	A New Water-Soluble Bactericidal Agent for the Treatment of Infections Caused by Gram-Positive and Gram-Negative Bacterial Strains. <i>Antibiotics</i> , 2020 , 9,	4.9	17
218	High Yields of Shrimp Oil Rich in Omega-3 and Natural Astaxanthin from Shrimp Waste. <i>ACS Omega</i> , 2020 , 5, 17500-17505	3.9	7
217	New Antivirals and Antibacterials Based on Silver Nanoparticles. <i>ChemMedChem</i> , 2020 , 15, 1619-1623	3.7	13
216	Photocatalytic waterborne sol-gel coatings 2020 , 29-48		
215	Catalysis with Silver: From Complexes and Nanoparticles to MORALS and Single-Atom Catalysts. <i>Catalysts</i> , 2020 , 10, 1343	4	6
214	Pectin: A Long-Neglected Broad-Spectrum Antibacterial. <i>ChemMedChem</i> , 2020 , 15, 2228-2235	3.7	15
213	Sol-Gel Nanocoatings to Functionalize Fibers and Textiles: A Critical Perspective. <i>ChemistrySelect</i> , 2020 , 5, 9776-9780	1.8	2
212	SilverSil: A New Class of Antibacterial Materials of Broad Scope. <i>ChemistryOpen</i> , 2020 , 9, 459-463	2.3	3
211	Herbicides based on pelargonic acid: Herbicides of the bioeconomy. <i>Biofuels, Bioproducts and Biorefining</i> , 2019 , 13, 1476-1482	5.3	15
210	Omega-3 Extraction from Anchovy Fillet Leftovers with Limonene: Chemical, Economic, and Technical Aspects. <i>ACS Omega</i> , 2019 , 4, 15359-15363	3.9	13
209	Real-Scale Integral Valorization of Waste Orange Peel via Hydrodynamic Cavitation. <i>Processes</i> , 2019 , 7, 581	2.9	36
208	Waste-free and efficient hydrosilylation of olefins. <i>Green Chemistry</i> , 2019 , 21, 129-140	10	13
207	Vanillin: The Case for Greener Production Driven by Sustainability Megatrend. <i>ChemistryOpen</i> , 2019 , 8, 660-667	2.3	23
206	Toward unfolding the bioeconomy of nopal (<i>Opuntia</i> spp.). <i>Biofuels, Bioproducts and Biorefining</i> , 2019 , 13, 1417-1427	5.3	9
205	A Circular Economy Approach to Fish Oil Extraction. <i>ChemistrySelect</i> , 2019 , 4, 5106-5109	1.8	18
204	Solar Green Roofs: A Unified Outlook 20Years On. <i>Energy Technology</i> , 2019 , 7, 1900128	3.5	3
203	Integral Extraction of <i>Opuntia ficus-indica</i> Peel Bioproducts via Microwave-Assisted Hydrodiffusion and Hydrodistillation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 7884-7891	8.3	13
202	AurOrGlass: ORMOSIL Sol-Gel Glasses Functionalized with Gold Nanoparticles for Advanced Optical Applications. <i>ChemistrySelect</i> , 2019 , 4, 8746-8750	1.8	1

201	Solar Energy and New Energy Technologies for Mediterranean Countries. <i>Global Challenges</i> , 2019 , 3, 1900016	4.3	10
200	Economic and Technical Feasibility of Betanin and Pectin Extraction from Peel via Microwave-Assisted Hydrodiffusion. <i>ACS Omega</i> , 2019 , 4, 12121-12124	3.9	7
199	Solar air drying for innovative <i>Opuntia ficus-indica</i> cladode dehydration. <i>4open</i> , 2019 , 2, 1	0.8	11
198	A bioeconomy perspective for natural sweetener Stevia. <i>Biofuels, Bioproducts and Biorefining</i> , 2019 , 13, 445-452	5.3	11
197	Beer produced via hydrodynamic cavitation retains higher amounts of xanthohumol and other hops prenylflavonoids. <i>LWT - Food Science and Technology</i> , 2018 , 91, 160-167	5.4	25
196	Sol-gel Entrapped Nitroxyl Radicals: Catalysts of Broad Scope. <i>ChemCatChem</i> , 2018 , 10, 1731-1738	5.2	6
195	Betanin: A Bioeconomy Insight into a Valued Betacyanin. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 2860-2865	8.3	24
194	Photocatalytic partial oxidation of limonene to 1,2 limonene oxide. <i>Chemical Communications</i> , 2018 , 54, 1008-1011	5.8	24
193	Polymers of Limonene Oxide and Carbon Dioxide: Polycarbonates of the Solar Economy. <i>ACS Omega</i> , 2018 , 3, 4884-4890	3.9	48
192	Dihydroxyacetone: An Updated Insight into an Important Bioproduct. <i>ChemistryOpen</i> , 2018 , 7, 233-236	2.3	28
191	Expanding the Distributed Generation Concept: Toward Decentralized Energy and Water Supply. <i>Global Challenges</i> , 2018 , 2, 1800006	4.3	3
190	Hydrogenolysis of C-O Chemical Bonds of Broad Scope Mediated by a New Spherical Sol-Gel Catalyst. <i>ChemistryOpen</i> , 2018 , 7, 80-91	2.3	7
189	Innovative beer-brewing of typical, old and healthy wheat varieties to boost their spreading. <i>Journal of Cleaner Production</i> , 2018 , 171, 297-311	10.3	29
188	Olive biophenol integral extraction at a two-phase olive mill. <i>Journal of Cleaner Production</i> , 2018 , 174, 1487-1491	10.3	10
187	New Energy and Weather Services in the Context of the Energy Transition. <i>Energy Technology</i> , 2018 , 6, 134-139	3.5	5
186	New Stable Catalytic Electrodes Functionalized with TEMPO for the Waste-Free Oxidation of Alcohol. <i>Organic Process Research and Development</i> , 2018 , 22, 1298-1305	3.9	11
185	Solar Landfills: Economic, Environmental, and Social Benefits. <i>Energy Technology</i> , 2018 , 6, 597-604	3.5	2
184	Comparing the Pyrophoricity of Palladium Catalysts for Heterogeneous Hydrogenation. <i>Organic Process Research and Development</i> , 2018 , 22, 1852-1855	3.9	6

183	Green and Direct Synthesis of Benzaldehyde and Benzyl Benzoate in One Pot. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 15441-15446	8.3	7
182	Fragrant bioethanol: A valued bioproduct from orange juice and essential oil extraction. <i>Sustainable Chemistry and Pharmacy</i> , 2018 , 9, 42-45	3.9	2
181	Integrating Solar Energy in Rome's Built Environment: A Perspective for Distributed Generation on Global Scale. <i>Advanced Sustainable Systems</i> , 2018 , 2, 1800022	5.9	4
180	Solar street lighting: a key technology en route to sustainability. <i>Wiley Interdisciplinary Reviews: Energy and Environment</i> , 2017 , 6, e218	4.7	12
179	Towards the Broad Utilization of Gold Nanoparticles Entrapped in Organosilica. <i>ChemCatChem</i> , 2017 , 9, 1322-1328	5.2	4
178	Organically-modified silica based microspheres for self-curing polyurethane one component foams. <i>Microporous and Mesoporous Materials</i> , 2017 , 244, 244-250	5.3	10
177	Solar Air Heating and Ventilation in Buildings: A Key Component in the Forthcoming Renewable Energy Mix. <i>Energy Technology</i> , 2017 , 5, 1165-1172	3.5	11
176	Electrochemical Alcohol Oxidation Mediated by TEMPO-like Nitroxyl Radicals. <i>ChemistryOpen</i> , 2017 , 6, 5-10	2.3	37
175	C18 alkyl-modified silica: A suitable tool for olive biophenol green extraction. <i>Chemical Data Collections</i> , 2017 , 7-8, 102-106	2.1	2
174	Opuntia ficus-indica seed oil: Biorefinery and bioeconomy aspects. <i>European Journal of Lipid Science and Technology</i> , 2017 , 119, 1700013	3	16
173	Enhancing and improving the extraction of omega-3 from fish oil. <i>Sustainable Chemistry and Pharmacy</i> , 2017 , 5, 54-59	3.9	43
172	Olive Biophenols as New Antioxidant Additives in Food and Beverage. <i>ChemistrySelect</i> , 2017 , 2, 1360-1365	3.5	14
171	Gluten reduction in beer by hydrodynamic cavitation assisted brewing of barley malts. <i>LWT - Food Science and Technology</i> , 2017 , 82, 342-353	5.4	25
170	High-Quality Essential Oils Extracted by an Eco-Friendly Process from Different Citrus Fruits and Fruit Regions. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 5578-5587	8.3	29
169	Tuning the photocatalytic activity of bismuth wolframate: towards selective oxidations for the biorefinery driven by solar-light. <i>Chemical Communications</i> , 2017 , 53, 7521-7524	5.8	15
168	Citric acid: emerging applications of key biotechnology industrial product. <i>Chemistry Central Journal</i> , 2017 , 11, 22		103
167	Lemon Essential Oil of Variable Composition by Changing the Conditions of the Extraction from Lemon Peel via Microwave Hydrodiffusion and Gravity. <i>ChemistrySelect</i> , 2017 , 2, 7123-7127	1.8	4
166	Solvent-Free Chemoselective Hydrogenation of Squalene to Squalane. <i>ACS Omega</i> , 2017 , 2, 3989-3996	3.9	8

165	Sicilian Opuntia ficus-indica seed oil: Fatty acid composition and bio-economical aspects. <i>European Journal of Lipid Science and Technology</i> , 2017 , 119, 1700232	3	21
164	Controlling the Degree of Esterification of Citrus Pectin for Demanding Applications by Selection of the Source. <i>ACS Omega</i> , 2017 , 2, 7991-7995	3.9	22
163	Has the Time Come for Preprints in Chemistry?. <i>ACS Omega</i> , 2017 , 2, 7923-7928	3.9	8
162	Antifouling and Photocatalytic Antibacterial Activity of the AquaSun Coating in Seawater and Related Media. <i>ACS Omega</i> , 2017 , 2, 7568-7575	3.9	8
161	Wastewater remediation via controlled hydrocavitation. <i>Environmental Reviews</i> , 2017 , 25, 175-183	4.5	25
160	Beer-brewing powered by controlled hydrodynamic cavitation: Theory and real-scale experiments. <i>Journal of Cleaner Production</i> , 2017 , 142, 1457-1470	10.3	42
159	Orange Oil 2017 , 291-302		5
158	Essential Oil of Cinnamomum [cassia] for Pest Control 2017 , 303-318		1
157	Reshaping the education of energy managers. <i>Energy Research and Social Science</i> , 2016 , 21, 44-48	7.7	23
156	Silica-Based Sol-Gel Coatings: A Critical Perspective from a Practical Viewpoint 2016 , 149-159		5
155	Industrielle Anwendungen von Goldkatalysatoren. <i>Angewandte Chemie</i> , 2016 , 128, 14420-14428	3.6	14
154	Industrial Applications of Gold Catalysis. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 14210-14217	17.4	116
153	Sustainable Production of Glycerol 2016 , 1-8		3
152	Hydrogen Peroxide: A Key Chemical for Today's Sustainable Development. <i>ChemSusChem</i> , 2016 , 9, 3374-3381	8.3	187
151	Extraction, benefits and valorization of olive polyphenols. <i>European Journal of Lipid Science and Technology</i> , 2016 , 118, 503-511	3	50
150	Lycopene: Emerging Production Methods and Applications of a Valued Carotenoid. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 643-650	8.3	51
149	Fine chemical syntheses under flow using SiliaCat catalysts. <i>Catalysis Science and Technology</i> , 2016 , 6, 4678-4685	5.5	14
148	Eco-Friendly Extraction of Pectin and Essential Oils from Orange and Lemon Peels. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 2243-2251	8.3	74

147	Toward the Waste-Free Synthesis of Fine Chemicals with Visible Light. <i>Organic Process Research and Development</i> , 2016 , 20, 403-408	3.9	40
146	Nanoflower-Like Bi ₂ WO ₆ Encapsulated in ORMOSIL as a Novel Photocatalytic Antifouling and Foul-Release Coating. <i>Chemistry - A European Journal</i> , 2016 , 22, 7063-7	4.8	13
145	Quick assessment of the economic value of olive mill waste water. <i>Chemistry Central Journal</i> , 2016 , 10, 63		7
144	Sol-gel encapsulation of Au nanoparticles in hybrid silica improves gold oxidation catalysis. <i>Chemistry Central Journal</i> , 2016 , 10, 61		6
143	Rethinking solar energy education on the dawn of the solar economy. <i>Renewable and Sustainable Energy Reviews</i> , 2016 , 63, 13-18	16.2	45
142	Solar energy for Sicily's remote islands: On the route from fossil to renewable energy. <i>International Journal of Sustainable Built Environment</i> , 2016 , 5, 132-140		22
141	The remarkable impact of renewable energy generation in Sicily onto electricity price formation in Italy. <i>Energy Science and Engineering</i> , 2016 , 4, 194-204	3.4	11
140	Industrial Feasibility of Natural Products Extraction with Microwave Technology. <i>ChemistrySelect</i> , 2016 , 1, 549-555	1.8	32
139	One-Pot, Clean Synthesis of Vanillic Acid from Ferulic Acid. <i>ChemistrySelect</i> , 2016 , 1, 626-629	1.8	11
138	SiliaCat: A Versatile Catalyst Series for Synthetic Organic Chemistry. <i>Organic Process Research and Development</i> , 2015 , 19, 755-768	3.9	35
137	Heterogeneously Catalyzed Alcohol Oxidation for the Fine Chemical Industry. <i>Organic Process Research and Development</i> , 2015 , 19, 1554-1558	3.9	62
136	Ecofriendly Antifouling Marine Coatings. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 559-565	8.3	124
135	Commercialization of graphene-based technologies: a critical insight. <i>Chemical Communications</i> , 2015 , 51, 7090-5	5.8	63
134	Glycerol-Derived Renewable Polyglycerols: A Class of Versatile Chemicals of Wide Potential Application. <i>Organic Process Research and Development</i> , 2015 , 19, 748-754	3.9	19
133	Heterogeneously Catalyzed Hydrogenation of Squalene to Squalane under Mild Conditions. <i>ChemCatChem</i> , 2015 , 7, 2071-2076	5.2	11
132	Sol-gel microspheres doped with glycerol: a structural insight in light of forthcoming applications in the polyurethane foam industry. <i>ChemistryOpen</i> , 2015 , 4, 78	2.3	1
131	The impact of electric vehicles on the power market. <i>Energy Science and Engineering</i> , 2015 , 3, 300-309	3.4	18
130	The great solar boom: a global perspective into the far reaching impact of an unexpected energy revolution. <i>Energy Science and Engineering</i> , 2015 , 3, 499-509	3.4	52

129	Alcohol-Selective Oxidation in Water under Mild Conditions via a Novel Approach to Hybrid Composite Photocatalysts. <i>ChemistryOpen</i> , 2015 , 4, 779-85	2.3	21
128	SolGel for Environmentally Green Products 2015 , 1055-1070		1
127	LED Street Lighting: A Looking Ahead Perspective. <i>Green</i> , 2015 , 5,		4
126	Solid Curing Agents for Polyurethane Foams: Proof of Concept of the Release Mechanism. <i>Macromolecular Materials and Engineering</i> , 2015 , 300, 674-678	3.9	3
125	Bioglycerol: a multifunctional aid for the construction industry. <i>Biofuels, Bioproducts and Biorefining</i> , 2015 , 9, 468-475	5.3	1
124	Xerogel Coatings Produced by the SolGel Process as Anti-Fouling, Fouling-Release Surfaces: From Lab Bench to Commercial Reality. <i>ChemNanoMat</i> , 2015 , 1, 148-154	3.5	14
123	Pectin: A new perspective from the biorefinery standpoint. <i>Biofuels, Bioproducts and Biorefining</i> , 2015 , 9, 368-377	5.3	104
122	Energy efficient inactivation of <i>Saccharomyces cerevisiae</i> via controlled hydrodynamic cavitation. <i>Energy Science and Engineering</i> , 2015 , 3, 221-238	3.4	32
121	Sol-gel microspheres doped with glycerol: a structural insight in light of forthcoming applications in the polyurethane foam industry. <i>ChemistryOpen</i> , 2015 , 4, 120-6	2.3	2
120	New Catalyst Series from the SolGel-Entrapment of Gold Nanoparticles in Organically Modified Silica Matrices: Proof of Performance in a Model Oxidation Reaction. <i>ChemCatChem</i> , 2015 , 7, 254-260	5.2	11
119	Electrodes Functionalized with the 2,2,6,6-Tetramethylpiperidinyloxy Radical for the Waste-Free Oxidation of Alcohols. <i>ChemCatChem</i> , 2015 , 7, 552-558	5.2	37
118	Towards waste free organic synthesis using nanostructured hybrid silicas. <i>Nanoscale</i> , 2014 , 6, 6293-300	7.7	10
117	Environmentally benign sol-gel antifouling and foul-releasing coatings. <i>Accounts of Chemical Research</i> , 2014 , 47, 678-87	24.3	105
116	Sol-gel entrapped visible light photocatalysts for selective conversions. <i>RSC Advances</i> , 2014 , 4, 18341-18346	3.7	32
115	Catalysis via SolGel Acid Silicas: An Important Chemical Technology for 2nd Generation Biorefineries. <i>ChemCatChem</i> , 2014 , 6, 3053-3059	5.2	9
114	Nanochemistry-derived Bi ₂ WO ₆ nanostructures: towards production of sustainable chemicals and fuels induced by visible light. <i>Chemical Society Reviews</i> , 2014 , 43, 5276-87	58.5	313
113	Fast and Clean Borylation of Aryl Halides Under Flow Using SolGel Entrapped SiliaCat DPP-Pd. <i>Organic Process Research and Development</i> , 2014 , 18, 1556-1559	3.9	9
112	Catalytic Hydrogenation of Squalene to Squalane. <i>Organic Process Research and Development</i> , 2014 , 18, 1110-1115	3.9	21

111	Visible-light driven oxidation of gaseous aliphatic alcohols to the corresponding carbonyls via TiO ₂ sensitized by a perylene derivative. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 11135-41	5.1	26
110	Process Intensification of the SuzukiMiyaura Reaction over SolGel Entrapped Catalyst SiliaCat DPP-Pd Under Conditions of Continuous Flow. <i>Organic Process Research and Development</i> , 2014 , 18, 1550-1555 ²⁹	3.9	29
109	Understanding the glycerol market. <i>European Journal of Lipid Science and Technology</i> , 2014 , 116, 1432-1439	3.9	240
108	Enhanced One-Component Spray Polyurethane Foams via SolGel Microspheres Doped with Aqueous Glycerol. <i>ACS Sustainable Chemistry and Engineering</i> , 2014 , 2, 506-511	8.3	7
107	SiliaCat Diphenylphosphine Palladium(II) Catalyzed Borylation of Aryl Halides. <i>ChemCatChem</i> , 2014 , 6, n/a-n/a	5.2	9
106	Clean and fast cross-coupling of aryl halides in one-pot. <i>Beilstein Journal of Organic Chemistry</i> , 2014 , 10, 897-901	2.5	9
105	Limonene: a versatile chemical of the bioeconomy. <i>Chemical Communications</i> , 2014 , 50, 15288-96	5.8	266
104	Assessment of the minimum value of photovoltaic electricity in Italy. <i>Energy Science and Engineering</i> , 2014 , 2, 94-105	3.4	17
103	Enhanced heterogeneous catalytic conversion of furfuryl alcohol into butyl levulinate. <i>ChemSusChem</i> , 2014 , 7, 835-40	8.3	68
102	GreenCaps: towards solid curing agents for sustainable polyurethane foams. <i>Sustainable Chemical Processes</i> , 2014 , 2,		6
101	Thermogravimetric investigation of solgel microspheres doped with aqueous glycerol. <i>Sustainable Chemical Processes</i> , 2014 , 2,		5
100	Enhanced heterogeneously catalyzed SuzukiMiyaura reaction over SiliaCat Pd(0). <i>Tetrahedron Letters</i> , 2013 , 54, 4712-4716	2	12
99	Greening heterogeneous catalysis for fine chemicals. <i>Tetrahedron Letters</i> , 2013 , 54, 1129-1132	2	16
98	Green Chemistry in the Fine Chemicals and Pharmaceutical Industries. <i>Organic Process Research and Development</i> , 2013 , 17, 1479-1484	3.9	88
97	The sol-gel entrapment of noble metals in hybrid silicas: a molecular insight. <i>Chemistry Central Journal</i> , 2013 , 7, 161		10
96	Sol-gel microencapsulation of odorants and flavors: opening the route to sustainable fragrances and aromas. <i>Chemical Society Reviews</i> , 2013 , 42, 9243-50	58.5	49
95	Heterogeneous Sonogashira Coupling over Nanostructured SiliaCat Pd(0). <i>ACS Sustainable Chemistry and Engineering</i> , 2013 , 1, 57-61	8.3	27
94	The sol-gel route to advanced silica-based materials and recent applications. <i>Chemical Reviews</i> , 2013 , 113, 6592-620	68.1	413

93	Greening the Valsartan Synthesis: Scale-up of Key SuzukiMiyaura Coupling over SiliaCat DPP-Pd. <i>Organic Process Research and Development</i> , 2013 , 17, 1492-1497	3.9	38
92	Platinum-Based Heterogeneously Catalyzed Hydrosilylation. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 6227-6235	3.2	37
91	Leach-Proof Sol-Gel Microcapsules as Curing Agents for One-Pot Thermosetting Resins. <i>ACS Sustainable Chemistry and Engineering</i> , 2013 , 1, 1572-1579	8.3	5
90	Closing the Organosilicon Synthetic Cycle: Efficient Heterogeneous Hydrosilylation of Alkenes over SiliaCat Pt(0). <i>ACS Sustainable Chemistry and Engineering</i> , 2013 , 1, 249-253	8.3	35
89	Characterization of Nanostructured SilicaCat Pd0. <i>Catalysis Letters</i> , 2012 , 142, 213-217	2.8	8
88	Selective Hydrogenation of Alkenes under Ultramild Conditions. <i>Organic Process Research and Development</i> , 2012 , 16, 1230-1234	3.9	23
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