

CITATION REPORT

List of articles citing

CO₂ activation and promotional effect in the oxidation of cyclic olefins over mesoporous carbon nitrides

DOI: 10.1039/c0gc00951b
Green Chemistry, 2011, 13, 1416.

Source: <https://exaly.com/paper-pdf/50122462/citation-report.pdf>

Version: 2024-04-29

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
143	Graphitic carbon nitride materials: controllable synthesis and applications in fuel cells and photocatalysis. 2012 , 5, 6717		1385
142	A practical and benign synthesis of amines through Pd@mpg-C3N4 catalyzed reduction of nitriles. 2012 , 28, 9-12		47
141	mpg-C3N4 as a solid base catalyst for Knoevenagel condensations and transesterification reactions. <i>Catalysis Science and Technology</i> , 2012 , 2, 1005	5.5	138
140	Carbon dioxide utilization as a soft oxidant and promoter in catalysis. 2012 , 5, 9419		195
139	CO2 Activation and Methanol Synthesis on Novel Au/TiC and Cu/TiC Catalysts. 2012 , 3, 2275-80		111
138	Mesoporous Graphitic Carbon Nitride as a Heterogeneous Visible Light Photoinitiator for Radical Polymerization. 2012 , 1, 546-549		110
137	Mesoporous carbon nitride as a metal-free base catalyst in the microwave assisted Knoevenagel condensation of ethylcyanoacetate with aromatic aldehydes. 2012 , 185, 211-216		106
136	Synthesis of C4 olefins from n-butane over a novel VOx/SnO2/TiO2 catalyst using CO2 as soft oxidant. <i>Applied Catalysis A: General</i> , 2012 , 423-424, 168-175	5.1	39
135	Asymmetric cycloaddition of CO2 and an epoxide using recyclable bifunctional polymeric Co(III) salen complexes under mild conditions. <i>Catalysis Science and Technology</i> , 2013 , 3, 2661	5.5	32
134	Carbon Dioxide as Soft Oxidant and Promoter in Oxidation Catalysis. 2013 , 481-499		1
133	Mesostructured graphitic carbon nitride as a new base catalyst for the efficient synthesis of dimethyl carbonate by transesterification. <i>Catalysis Science and Technology</i> , 2013 , 3, 3192	5.5	61
132	One-pot reaction of CO2, epichlorohydrin and amine to synthesize 4-(phenylamino)methyl-ethylene carbonate catalyzed by ionic liquids. <i>Journal of CO2 Utilization</i> , 2013 , 1, 88-91	7.6	20
131	Well-dispersed g-C3N4 nanophases in mesoporous silica channels and their catalytic activity for carbon dioxide activation and conversion. 2013 , 136-137, 269-277		146
130	Carbon nitride-catalyzed oxidative cleavage of carbon-carbon bond of β -hydroxy ketones with visible light and thermal radiation. <i>Applied Catalysis A: General</i> , 2013 , 468, 184-189	5.1	10
129	A new and environmentally benign precursor for the synthesis of mesoporous g-C3N4 with tunable surface area. 2013 , 15, 4510-7		197
128	Microporous carbon nitride as an effective solid base catalyst for Knoevenagel condensation reactions. 2013 , 372, 105-113		74
127	Carbon dioxide augmented oxidation of aromatic alcohols over mesoporous carbon nitride as a metal free catalyst. <i>Catalysis Science and Technology</i> , 2013 , 3, 1261	5.5	25

126	Mesoporous carbon nitride synthesized by nanocasting with urea/formaldehyde and metal-free catalytic oxidation of cyclic olefins. 2013 , 204, 156-163		40
125	Synthesis of Three-Dimensional Mesoporous Graphitic Carbon Nitride Materials and their Application as Heterogeneous Catalysts for Knoevenagel Condensation Reactions. <i>Catalysis Letters</i> , 2013 , 143, 600-609	2.8	59
124	Utilization of environmentally benign dicyandiamide as a precursor for the synthesis of ordered mesoporous carbon nitride and its application in base-catalyzed reactions. 2014 , 9, 3269-77		52
123	Biocompatible and recyclable amino acid binary catalyst for efficient chemical fixation of CO ₂ . 2014 , 44, 6-9		56
122	Urea-derived graphitic carbon nitride as an efficient heterogeneous catalyst for CO ₂ conversion into cyclic carbonates. <i>Catalysis Science and Technology</i> , 2014 , 4, 1556	5.5	183
121	Photocatalytic reduction of CO ₂ over a hybrid photocatalyst composed of WO ₃ and graphitic carbon nitride (g-C ₃ N ₄) under visible light. <i>Journal of CO₂ Utilization</i> , 2014 , 6, 17-25	7.6	163
120	Metal-free allylic/benzylic oxidation strategies with molecular oxygen: recent advances and future prospects. <i>Green Chemistry</i> , 2014 , 16, 2344	10	157
119	Synthesis of Organic Carbonates. 2014 , 66, 25-81		25
118	The bending machine: CO ₂ activation and hydrogenation on EMoC(001) and EMo ₂ C(001) surfaces. 2014 , 16, 14912-21		131
117	Enhanced photocatalytic ozonation of organics by g-C ₃ N ₄ under visible light irradiation. 2014 , 280, 531-5		65
116	Three-dimensional ordered mesoporous carbon nitride with large mesopores: Synthesis and application towards base catalysis. 2014 , 198, 223-229		28
115	Simple synthesis of ordered cubic mesoporous graphitic carbon nitride by chemical vapor deposition method using melamine. 2014 , 136, 271-273		45
114	Carbon dioxide mediated, reversible chemical hydrogen storage using a Pd nanocatalyst supported on mesoporous graphitic carbon nitride. 2014 , 2, 9490		155
113	Preparation of mesoporous graphitic carbon nitride using hexamethylenetetramine as a new precursor and catalytic application in the transesterification of E keto esters. <i>Catalysis Science and Technology</i> , 2014 , 4, 2126	5.5	26
112	Catalysis. Highly active copper-ceria and copper-ceria-titania catalysts for methanol synthesis from CO. 2014 , 345, 546-50		895
111	Mesoporous graphitic carbon nitride as a heterogeneous catalyst for photoinduced copper(I)-catalyzed azide-alkyne cycloaddition. 2014 , 4, 52170-52173		43
110	Photochemically Mediated Atom Transfer Radical Polymerization Using Polymeric Semiconductor Mesoporous Graphitic Carbon Nitride. 2014 , 215, 675-681		99
109	Post-functionalization of graphitic carbon nitrides by grafting organic molecules: toward C-H bond oxidation using atmospheric oxygen. 2014 , 50, 6312-5		40

108	Proton-functionalized two-dimensional graphitic carbon nitride nanosheet: an excellent metal-/label-free biosensing platform. 2014 , 10, 2382-9		359
107	Highly-Ordered Mesoporous Carbon Nitride with Ultrahigh Surface Area and Pore Volume as a Superior Dehydrogenation Catalyst. 2014 , 26, 3151-3161		202
106	Preparation of Nitrogen-Doped Carbon from Polyacrylonitrile and its Application as a Solid-Base Catalyst. 2015 , 7, 2965-2970		23
105	Porous Carbon Supports: Recent Advances with Various Morphologies and Compositions. 2015 , 7, 2788-2805		67
104	One-pot synthesized multi-functional graphene oxide as a water-tolerant and efficient metal-free heterogeneous catalyst for cycloaddition reaction. 2015 , 93, 22-31		81
103	Design and fabrication of mesoporous heterogeneous basic catalysts. 2015 , 44, 5092-147		271
102	Initial reduction of CO ₂ on perfect and O-defective CeO ₂ (111) surfaces: towards CO or COOH?. 2015 , 5, 97528-97535		20
101	Fast and facile preparation of metal-doped g-C ₃ N ₄ composites for catalytic synthesis of dimethyl carbonate. <i>Applied Catalysis A: General</i> , 2015 , 496, 1-8	5.1	93
100	Electrochemical reduction of CO ₂ using Cu electrode in methanol/LiClO ₄ electrolyte. 2015 , 40, 6740-6744		29
99	Facile preparation of SBA-15-supported carbon nitride materials for high-performance base catalysis. 2015 , 211, 105-112		19
98	Metal halides supported on mesoporous carbon nitride as efficient heterogeneous catalysts for the cycloaddition of CO ₂ . 2015 , 403, 77-83		50
97	Hydrogenation of CO ₂ to Methanol: Importance of MetalOxide and MetalCarbide Interfaces in the Activation of CO ₂ . <i>ACS Catalysis</i> , 2015 , 5, 6696-6706	13.1	278
96	A Schiff-base-type vanadyl complex grafted on mesoporous carbon nitride: a new efficient catalyst for hydroxylation of benzene to phenol. 2015 , 5, 92526-92533		17
95	Graphene oxide immobilized with ionic liquids: facile preparation and efficient catalysis for solvent-free cycloaddition of CO ₂ to propylene carbonate. 2015 , 5, 72361-72368		61
94	Fundamentals of Methanol Synthesis on Metal Carbide Based Catalysts: Activation of CO ₂ and H ₂ . 2015 , 58, 159-173		50
93	Vanadia supported on mesoporous carbon nitride as a highly efficient catalyst for hydroxylation of benzene to phenol. <i>Catalysis Science and Technology</i> , 2015 , 5, 1504-1513	5.5	58
92	MelamineZnI ₂ as heterogeneous catalysts for efficient chemical fixation of carbon dioxide to cyclic carbonates. 2015 , 5, 960-966		30
91	Graphitic carbon nitride polymers: promising catalysts or catalyst supports for heterogeneous oxidation and hydrogenation. <i>Green Chemistry</i> , 2015 , 17, 715-736	10	216

90	Mesoporous carbon nitride grafted with n-bromobutane: a high-performance heterogeneous catalyst for the solvent-free cycloaddition of CO ₂ to propylene carbonate. <i>Catalysis Science and Technology</i> , 2015 , 5, 447-454	5.5	105
89	ROP of Cyclic Carbonates and ROP of Macrocycles [Latest Developments. 2016 ,		1
88	Activation mechanisms of H ₂ , O ₂ , H ₂ O, CO ₂ , CO, CH ₄ and C ₂ H _x on metallic Mo ₂ C(001) as well as Mo/C terminated Mo ₂ C(101) from density functional theory computations. <i>Applied Catalysis A: General</i> , 2016 , 524, 223-236	5.1	30
87	Electrochemistry of Layered Graphitic Carbon Nitride Synthesised from Various Precursors: Searching for Catalytic Effects. 2016 , 17, 481-8		12
86	Preparation, Physicochemical Properties, and Functional Characteristics of Carbon Nitride: a Review. 2016 , 52, 265-284		6
85	Photoelectrochemical CO ₂ reduction by a p-type boron-doped g-C ₃ N ₄ electrode under visible light. 2016 , 192, 193-198		221
84	Synthesis of Carbonate Compounds Using Carbon Dioxide and Carbon Dioxide-Derived Materials. 2016 , 333-362		1
83	Hierarchical mesoporous organic polymer with an intercalated metal complex for the efficient synthesis of cyclic carbonates from flue gas. <i>Green Chemistry</i> , 2016 , 18, 6493-6500	10	52
82	Facile alkali-assisted synthesis of g-C ₃ N ₄ materials and their high-performance catalytic application in solvent-free cycloaddition of CO ₂ to epoxides. 2016 , 6, 55382-55392		35
81	Recent advances in metal-free catalysts for the synthesis of cyclic carbonates from CO ₂ and epoxides. 2016 , 37, 826-845		90
80	Template-free method for synthesizing sponge-like graphitic carbon nitride with a large surface area and outstanding nitrogen photofixation ability induced by nitrogen vacancies. <i>Ceramics International</i> , 2016 , 42, 6985-6992	5.1	47
79	Phosphorous-modified bulk graphitic carbon nitride: Facile preparation and application as an acid-base bifunctional and efficient catalyst for CO ₂ cycloaddition with epoxides. 2016 , 100, 81-89		145
78	Graphitic carbon nitride catalysed photoacetalization of aldehydes/ketones under ambient conditions. 2016 , 52, 2772-5		27
77	Cycloaddition of CO ₂ and epoxide catalyzed by amino- and hydroxyl-rich graphitic carbon nitride. <i>Catalysis Science and Technology</i> , 2016 , 6, 2942-2948	5.5	64
76	Microwave assisted synthesis of a VO ₂ -modified disordered mesoporous silica for ethylbenzene dehydrogenation in presence of CO ₂ . 2016 , 222, 44-54		28
75	Syngas conversion to higher alcohols: A comparative study of acid and base-treated mesoporous carbon-supported KCoRhMoS ₂ catalysts. 2017 , 291, 106-123		5
74	Formation of Gas-Phase Formate in Thermal Reactions of Carbon Dioxide with Diatomic Iron Hydride Anions. 2017 , 129, 4251-4255		9
73	Boron-doped melamine-derived carbon nitrides tailored by ionic liquids for catalytic conversion of CO ₂ into cyclic carbonates. <i>Green Chemistry</i> , 2017 , 19, 2957-2965	10	56

72	Formation of Gas-Phase Formate in Thermal Reactions of Carbon Dioxide with Diatomic Iron Hydride Anions. 2017 , 56, 4187-4191		39
71	Organocatalyzed coupling of carbon dioxide with epoxides for the synthesis of cyclic carbonates: catalyst design and mechanistic studies. <i>Catalysis Science and Technology</i> , 2017 , 7, 2651-2684	5.5	290
70	Direct synthesis of acetic acid by simultaneous co-activation of methane and CO ₂ over Cu-exchanged ZSM-5 catalysts. 2017 , 215, 50-59		54
69	Preparation of mesoporous carbon nitride materials using urea and formaldehyde as precursors and catalytic application as solid bases. <i>Applied Catalysis A: General</i> , 2017 , 538, 221-229	5.1	17
68	g-C ₃ N ₄ and tetrabutylammonium bromide catalyzed efficient conversion of epoxide to cyclic carbonate under ambient conditions. <i>New Journal of Chemistry</i> , 2017 , 41, 14839-14842	3.6	26
67	Challenges and Role of Catalysis in CO ₂ Conversion to Chemicals and Fuels. 2017 , 803-850		6
66	Ozone treatment of graphitic carbon nitride with enhanced photocatalytic activity under visible light irradiation. 2017 , 505, 919-928		21
65	Mesoporous carbon nitrides: synthesis, functionalization, and applications. 2017 , 46, 72-101		427
64	The preparation, and applications of g-C ₃ N ₄ /TiO ₂ heterojunction catalysts—review. 2017 , 43, 2081-2101		74
63	Facile fabrication of ordered mesoporous graphitic carbon nitride for RhB photocatalytic degradation. 2017 , 396, 78-84		40
62	Melem based multifunctional catalyst for chemical fixation of carbon dioxide into cyclic carbonate. <i>Journal of CO₂ Utilization</i> , 2018 , 24, 287-297	7.6	22
61	g-C ₃ N ₄ based composite photocatalysts for photocatalytic CO ₂ reduction. 2018 , 300, 160-172		176
60	Synergistic combination of graphitic C ₃ N ₄ and polyoxometalate-based phase-transfer catalyst for highly efficient reductant-free aerobic hydroxylation of benzene. 2018 , 334, 873-881		20
59	Direct catalytic hydroxylation of benzene to phenol catalyzed by vanadia supported on exfoliated graphitic carbon nitride. <i>Applied Catalysis A: General</i> , 2018 , 549, 31-39	5.1	31
58	Hierarchical porous organic polymer as an efficient metal-free catalyst for acetalization of carbonyl compounds with alcohols. <i>Molecular Catalysis</i> , 2018 , 451, 43-50	3.3	11
57	Melamine-Functionalized Chitosan: A New Bio-Based Reusable Bifunctional Organocatalyst for the Synthesis of Cyanocinnamitrile Intermediates and Densely Functionalized Nicotinonitrile Derivatives. <i>ChemistrySelect</i> , 2018 , 3, 10450-10463	1.8	18
56	Comprehensive insight into the support effect of graphitic carbon nitride for zinc halides on the catalytic transformation of CO ₂ into cyclic carbonates. <i>Catalysis Science and Technology</i> , 2018 , 8, 5582-5593	5.5	23
55	On Water Cu@g-C ₃ N ₄ Catalyzed Synthesis of NH-1,2,3-Triazoles via [2+3] Cycloadditions of Nitroolefins/Alkynes and Sodium Azide. 2018 , 10, 5468-5474		28

54	The Preparation and Applications of g-C3N4/TiO2 Heterojunction Catalysts. 2018 , 173-196		1
53	CO2-Catalyzed Efficient Dehydrogenation of Amines with Detailed Mechanistic and Kinetic Studies. <i>ACS Catalysis</i> , 2018 , 8, 11679-11687	13.1	46
52	Facile synthesis of hierarchically porous carbons by controlling the initial oxygen concentration in-situ carbonization of ZIF-8 for efficient water treatment. 2018 , 26, 2523-2530		3
51	CO2-catalyzed/promoted transformation of organic functional groups. 2018 , 59, 3821-3828		24
50	Facile synthesis of Fe-containing graphitic carbon nitride materials and their catalytic application in direct hydroxylation of benzene to phenol. 2018 , 39, 1263-1271		16
49	Nitrogen-doped metal-free carbon catalysts for (electro)chemical CO conversion and valorisation. 2019 , 48, 13508-13528		47
48	Z-scheme mpg-C3N4/Ag6Si2O7 heterojunction for highly efficient photocatalytic degradation of organic pollutants under visible light. 2019 , 803, 834-843		11
47	Highly Efficient and Chemoselective Reduction of Nitroarenes Using Hybrid Ni@g-C3N4 as Reusable Catalyst. <i>ChemistrySelect</i> , 2019 , 4, 9556-9561	1.8	10
46	Catalytic cyclohexene oxidation in the nano channels of a copper silicate material. <i>Applied Catalysis A: General</i> , 2019 , 574, 71-78	5.1	7
45	Controllable assembly of single/double-thin-shell g-C3N4 vesicles via a shape-selective solid-state templating method for efficient photocatalysis. 2019 , 7, 17815-17822		18
44	Direct synthesis of acetic acid from carbon dioxide and methane over Cu-modulated BEA, MFI, MOR and TON zeolites: a density functional theory study. <i>Catalysis Science and Technology</i> , 2019 , 9, 6613-6626	5.5	12
43	Nanostructured Carbon Nitrides for CO Capture and Conversion. <i>Advanced Materials</i> , 2020 , 32, e1904635	5.4	104
42	Enhanced photocatalytic H2 evolution by deposition of metal nanoparticles into mesoporous structure of g-C3N4. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 585, 124067	5.1	13
41	Metal-free synthesis of dimethyl carbonate via transesterification of ethylene carbonate catalyzed by graphitic carbon nitride materials. <i>New Journal of Chemistry</i> , 2020 , 44, 3215-3223	3.6	7
40	Active site structure study of Cu/Plate ZnO model catalysts for CO2 hydrogenation to methanol under the real reaction conditions. <i>Journal of CO2 Utilization</i> , 2020 , 37, 55-64	7.6	18
39	The Role of CO2 as a Mild Oxidant in Oxidation and Dehydrogenation over Catalysts: A Review. <i>Catalysts</i> , 2020 , 10, 1075	4	7
38	Carbon dioxide utilization: A paradigm shift with CO2 economy. <i>Chemical Engineering Journal Advances</i> , 2020 , 3, 100013	3.6	22
37	Fixation of CO2 in Organic Molecules with Heterogeneous Catalysts. 2020 , 95-153		

36	Recent advances in the coupling of CO ₂ and epoxides into cyclic carbonates under halogen-free condition. <i>Green Chemical Engineering</i> , 2020 , 1, 82-93	3	22
35	Visible-light-induced controlled ATRP by modified N-rich holey carbon nitride nanosheets in natural solvent. <i>Journal of Molecular Liquids</i> , 2020 , 318, 114320	6	0
34	Heterogeneous catalysts for cyclic carbonate synthesis from carbon dioxide and epoxides. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2020 , 26, 100365	7.9	30
33	Catalytic conversion of CO ₂ to chemicals and fuels: the collective thermocatalytic/photocatalytic/electrocatalytic approach with graphitic carbon nitride. <i>Materials Advances</i> , 2020 , 1, 1506-1545	3.3	44
32	Ceria-Based Catalysts Studied by Near Ambient Pressure X-ray Photoelectron Spectroscopy: A Review. <i>Catalysts</i> , 2020 , 10, 286	4	22
31	CuBr ₂ @g-C ₃ N ₄ -Catalyzed Highly Selective Aerobic Oxidation of Alcohol and Toluene Derivatives. <i>ChemistrySelect</i> , 2020 , 5, 1950-1955	1.8	4
30	Bio-inspired honeycomb-like graphitic carbon nitride for enhanced visible light photocatalytic CO reduction activity. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 22604-22618	5.1	12
29	Recent developments in organocatalysed transformations of epoxides and carbon dioxide into cyclic carbonates. <i>Green Chemistry</i> , 2021 , 23, 77-118	10	76
28	Active sites and coke on aluminum sulfate for the rearrangement of propylene oxide. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2021 , 16,	1.3	
27	CO ₂ conversion over CuMo ₂ C catalysts: effect of the Cu promoter and preparation method. <i>Catalysis Science and Technology</i> , 2021 , 11, 1467-1480	5.5	2
26	Highly-Dispersed Zinc Species on Zeolites for the Continuous and Selective Dehydrogenation of Ethane with CO ₂ as a Soft Oxidant. <i>ACS Catalysis</i> , 2021 , 11, 2819-2830	13.1	19
25	Riveting Hydroxyl Ionic Liquids onto Melem Oligomers for CO ₂ Cycloaddition into Cyclic Carbonates. <i>ChemistrySelect</i> , 2021 , 6, 2951-2958	1.8	3
24	Rich NH ₂ Mesoporous g-C ₃ N ₄ Nanosheets Efficient for Cycloaddition of CO ₂ to Epoxides without Solvent and Co-Catalyst. <i>ChemistrySelect</i> , 2021 , 6, 3712-3721	1.8	1
23	CO hydrogenation over functional nanoporous polymers and metal-organic frameworks. <i>Advances in Colloid and Interface Science</i> , 2021 , 290, 102349	14.3	13
22	Novel Carbon Nitride/Metal Oxide Nanocomposites as Efficient and Robust Catalysts for Coupling of CO ₂ and Epoxides. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 5723-5732	3.9	3
21	Carbamate intermediates over mesoporous carbon nitrides in CO ₂ mediated oxidation reaction. <i>Chemical Engineering Journal Advances</i> , 2021 , 6, 100102	3.6	2
20	Enhanced Hydroxylation of Benzene to Phenol with Hydrogen Peroxide over g-C ₃ N ₄ Quantum Dots-Modified Fe-SBA-15 Catalysts: Synergistic Effect Among Fe Species, g-C ₃ N ₄ QDs, and Porous Structure. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 13876-13885	3.9	2
19	Atmospheric pressure conversion of carbon dioxide to cyclic carbonates using a metal-free Lewis acid-base bifunctional heterogeneous catalyst. <i>Journal of CO₂ Utilization</i> , 2021 , 51, 101646	7.6	23

18	Direct Transformation of Carbon Dioxide to Value-Added Products over Heterogeneous Catalysts. <i>Green Chemistry and Sustainable Technology</i> , 2014 , 39-53	1.1	9
17	Palladium nanoparticles supported on mesoporous carbon nitride for efficiently selective oxidation of benzyl alcohol with molecular oxygen. <i>Applied Catalysis A: General</i> , 2017 , 542, 380-388	5.1	37
16	Metal-free catalytic conversion of CO ₂ into cyclic carbonate by hydroxyl-functionalized graphitic carbon nitride materials. <i>Molecular Catalysis</i> , 2020 , 491, 110979	3.3	6
15	Graphitic carbon nitride for organic transformation. 2022 , 393-456		1
14	Recent Advances in Copper-Based Solid Heterogeneous Catalysts for Azide-Alkyne Cycloaddition Reactions.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	4
13	Investigation of reaction mechanisms of CO ₂ reduction to methanol by Ni-C80 and Co-Si60 catalysts. <i>Inorganic Chemistry Communication</i> , 2022 , 139, 109358	3.1	0
12	Functionalization of nitrogen-doped graphene quantum dot: A sustainable carbon-based catalyst for the production of cyclic carbonate from epoxide and CO ₂ . <i>Journal of Environmental Sciences</i> , 2022 ,	6.4	0
11	Potassium-doped carbon nitride supported on SBA-15 for enhanced catalytic Knoevenagel condensation under mild conditions. <i>Applied Catalysis A: General</i> , 2022 , 641, 118677	5.1	1
10	Surface-modified carbonaceous nanomaterials for CO ₂ hydrogenation and fixation. 2022 , 223-249		1
9	Preparation of CdS-g-C ₃ N ₄ /C composites via hollyhock stem biotemplate and its photocatalytic property. <i>Ceramics International</i> , 2022 ,	5.1	0
8	ZrO ₂ Supported on Graphitic Carbon Nitride Based on Metal-Nitrogen Interaction for Enhanced Catalytic Cycloaddition of CO ₂ to Cyclic Carbonates. <i>Catalysis Letters</i> ,	2.8	1
7	Preparation of HMoO ₃ from H ₃ PMo ₁₂ O ₄₀ precursor: synthesis of 1,2-cyclohexanediol from cyclohexene over HMoO ₃ -TiO ₂ catalyst. 2022 , 9, 085003		1
6	Melem based mesoporous metal-free catalyst for cycloaddition of CO ₂ to cyclic carbonate. 2022 , 64, 102173		
5	Bibliographic survey of the strategies implemented for the one-pot synthesis of cyclic carbonates from styrene and other alkenes using CO ₂ and green oxidants. 2022 , 65, 102215		0
4	Synergistic Effect between CO ₂ Chemisorption Using Amino-Modified Carbon Nitride and Epoxide Activation by High-Energy Electrons for Plasmon-Assisted Synthesis of Cyclic Carbonates.		0
3	Cu(I)@g-C ₃ N ₄ /PEI: A New Heterogeneous Catalyst for Glaser Reaction in Deep Eutectic Solvent.		0
2	In situ CO ₂ capture and transformation into cyclic carbonates using flue gas. 2023 , 25, 2293-2298		0
1	Organocatalysis with carbon nitrides. 2023 , 24,		0

