

Triazine Functionalized Porous Covalent Organic Frameworks for *E*→*Z* Isomerization of Olefins

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Hot Electron Tunneling of Metal-Insulator-COF Nanostructures for Efficient Hydrogen Production. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18290-18294.	7.2	138
3	Iridium complex immobilization on covalent organic framework for effective <sup>2</sup> H borylation. <i>APL Materials</i> , 2019, 7, .	2.2	24
4	Controlled Fabrication of Silica@Covalent Triazine Polymer Core-Shell Spheres as a Reversed-Phase/Hydrophilic Interaction Mixed-Mode Chromatographic Stationary Phase. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 46149-46156.	4.0	40
5	Hot Electron Tunneling of Metal-Insulator-COF Nanostructures for Efficient Hydrogen Production. <i>Angewandte Chemie</i> , 2019, 131, 18458-18462.	1.6	31
6	Design of A <sub>1</sub> -A <sub>2</sub> Covalent Triazine Frameworks via Copolymerization for Photocatalytic Hydrogen Evolution. <i>ACS Catalysis</i> , 2019, 9, 9438-9445.	5.5	172
7	A multifunctional triazine-based nanoporous polymer as a versatile organocatalyst for CO <sub>2</sub> utilization and C-C bond formation. <i>Chemical Communications</i> , 2019, 55, 11607-11610.	2.2	24
8	Sn(OH) <sub>x</sub> -assisted synthesis of mesoporous Mn-porphyrinic frameworks and their carbon derivatives for electrocatalysis. <i>Dalton Transactions</i> , 2019, 48, 14678-14686.	1.6	3
9	Control Assembly of Pillar[6]arene-Modified Ag Nanoparticles on Covalent Organic Framework Surface for Enhanced Sensing Performance toward Paraquat. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 20051-20059.	3.2	54
10	Reactivity control of a photocatalytic system by changing the light intensity. <i>Chemical Science</i> , 2019, 10, 11023-11029.	3.7	69
11	Integration of $\alpha$ -amylase into covalent organic framework for highly efficient biocatalyst. <i>Microporous and Mesoporous Materials</i> , 2020, 291, 109700.	2.2	39
12	Covalent Organic Frameworks: A Sustainable Photocatalyst toward Visible-Light-Accelerated C3 Arylation and Alkylation of Quinoxalines. <i>Chemistry - A European Journal</i> , 2020, 26, 369-373.	1.7	82
13	Selective Synthesis of <i>Z</i> -Cinnamyl Ethers and Cinnamyl Alcohols through Visible Light-Promoted Photocatalytic <i>E</i> to <i>Z</i> Isomerization. <i>Chemistry - an Asian Journal</i> , 2020, 15, 555-559.	1.7	25
14	Rational synthesis of interpenetrated 3D covalent organic frameworks for asymmetric photocatalysis. <i>Chemical Science</i> , 2020, 11, 1494-1502.	3.7	116
15	Design, Synthesis and Characterization of Nickel-Functionalized Covalent Organic Framework NiCl@RIO-2 for Heterogeneous Suzuki-Miyaura Catalysis. <i>Chemistry - A European Journal</i> , 2020, 26, 2051-2059.	1.7	18
16	Programming Covalent Organic Frameworks for Photocatalysis: Investigation of Chemical and Structural Variations. <i>Matter</i> , 2020, 2, 416-427.	5.0	110
17	Covalent organic frameworks bearing pillar[6]arene-reduced Au nanoparticles for the catalytic reduction of nitroaromatics. <i>Nanotechnology</i> , 2020, 31, 135705.	1.3	11
18	Recent Advances in Covalent Organic Frameworks for Catalysis. <i>Chemistry - an Asian Journal</i> , 2020, 15, 338-351.	1.7	103
19	Diastereoselective <sup>3</sup> H Functionalization of Arylmethyl Ketones and Transformation of <i>E</i> to <i>Z</i> Products Through Photocatalysis. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 424-428.	1.2	16

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21	Efficient nitrate and oxygen electroreduction over pyrolysis-free mesoporous covalent Co-salophen coordination frameworks on carbon nanotubes. Electrochimica Acta, 2020, 363, 137280.	2.6	15
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23	Covalent organic frameworks as an efficient adsorbent for controlling the formation of disinfection by-products (DBPs) in chlorinated drinking water. Science of the Total Environment, 2020, 746, 141138.	3.9	10
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25	An Excitonic Perspective on Low-Dimensional Semiconductors for Photocatalysis. Journal of the American Chemical Society, 2020, 142, 14007-14022.	6.6	129
26	Micro-scale spatial location engineering of COF@TiO <sub>2</sub> heterojunctions for visible light driven photocatalytic alcohol oxidation. Journal of Materials Chemistry A, 2020, 8, 18745-18754.	5.2	58
27	Covalent organic frameworks: Polymer chemistry and functional design. Progress in Polymer Science, 2020, 108, 101288.	11.8	78
28	Reticular Synthesis of tbo Topology Covalent Organic Frameworks. Journal of the American Chemical Society, 2020, 142, 16346-16356.	6.6	120
29	Regulating Photocatalysis by Spin-State Manipulation of Cobalt in Covalent Organic Frameworks. Journal of the American Chemical Society, 2020, 142, 16723-16731.	6.6	333
30	Covalent organic framework photocatalysts: structures and applications. Chemical Society Reviews, 2020, 49, 4135-4165.	18.7	649
31	Recent Progress in Metal-Free Covalent Organic Frameworks as Heterogeneous Catalysts. Small, 2020, 16, e2001070.	5.2	229
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33	Covalent organic frameworks for photocatalytic applications. Applied Catalysis B: Environmental, 2020, 276, 119174.	10.8	277
34	Graphene-Like Covalent Organic Framework with a Wide Band Gap Synthesized On Surface via Stepwise Reactions. Angewandte Chemie, 2020, 132, 16092-16096.	1.6	1
35	Graphene-Like Covalent Organic Framework with a Wide Band Gap Synthesized On Surface via Stepwise Reactions. Angewandte Chemie - International Edition, 2020, 59, 15958-15962.	7.2	10
36	All-Carbon-Linked Continuous Three-Dimensional Porous Aromatic Framework Films with Nanometer-Precise Controllable Thickness. Journal of the American Chemical Society, 2020, 142, 6548-6553.	6.6	31
37	Asymmetric photocatalysis over robust covalent organic frameworks with tetrahydroquinoline linkage. Chinese Journal of Catalysis, 2020, 41, 1288-1297.	6.9	54

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38	Transformation Strategy for Highly Crystalline Covalent Triazine Frameworks: From Staggered AB to Eclipsed AA Stacking. <i>Journal of the American Chemical Society</i> , 2020, 142, 6856-6860.	6.6	136
39	Covalent organic frameworks: emerging high-performance platforms for efficient photocatalytic applications. <i>Journal of Materials Chemistry A</i> , 2020, 8, 6957-6983.	5.2	190
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41	Metal-Organic Frameworks (MOFs) and Covalent Organic Frameworks (COFs) Applied to Photocatalytic Organic Transformations. <i>Catalysts</i> , 2020, 10, 720.	1.6	47
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43	Fabrication of nanoscale covalent porous organic polymer: An efficacious catalyst for Knoevenagel condensation. <i>Microporous and Mesoporous Materials</i> , 2020, 299, 110112.	2.2	19
44	Triptycene-Based and Schiff-Base-Linked Porous Networks: Efficient Gas Uptake, High CO <sub>2</sub> /N <sub>2</sub> Selectivity, and Excellent Antiproliferative Activity. <i>ACS Omega</i> , 2020, 5, 4250-4260.	1.6	14
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46	Indicator Displacement Assay Inside Dye-Functionalized Covalent Organic Frameworks for Ultrasensitive Monitoring of Sialic Acid, an Ovarian Cancer Biomarker. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 12990-12997.	4.0	48
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48	Cobalt-Catalyzed Z-to-E Isomerization of Alkenes: An Approach to (E)- $\beta^2$ -Substituted Styrenes. <i>Organic Letters</i> , 2020, 22, 1193-1198.	2.4	18
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50	Sunlight-Driven Synthesis of 1,2,4-Thiadiazoles via Oxidative Construction of a Nitrogen-Sulfur Bond Catalyzed by a Reusable Covalent Organic Framework. <i>ChemPhotoChem</i> , 2020, 4, 445-450.	1.5	19
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54	Structural Engineering of Two-Dimensional Covalent Organic Frameworks for Visible-Light-Driven Organic Transformations. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 20354-20365.	4.0	80
55	Unveiling the Local Structure of Palladium Loaded into Imine-Linked Layered Covalent Organic Frameworks for Cross-Coupling Catalysis. <i>Angewandte Chemie</i> , 2020, 132, 13113-13120.	1.6	6

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56	Unveiling the Local Structure of Palladium Loaded into Imine-Linked Layered Covalent Organic Frameworks for Cross-Coupling Catalysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13013-13020.	7.2	49
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78	Recent developments in the photocatalytic applications of covalent organic frameworks: A review. <i>Journal of Cleaner Production</i> , 2021, 291, 125822.	4.6	124
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101	A Solventâ€‘Polarityâ€‘Induced Interface Selfâ€‘Assembly Strategy towards Mesoporous Triazineâ€‘Based Carbon Materials. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24299-24305.	7.2	35
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104	Synthesis and tailored properties of covalent organic framework thin films and heterostructures. <i>Materials Today</i> , 2021, 51, 427-448.	8.3	24
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125	Two-Dimensional Fluorinated Covalent Organic Frameworks with Tunable Hydrophobicity for Ultrafast Oil-Water Separation. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	8
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127	Self-assembly hybridization of COFs and g-C <sub>3</sub> N <sub>4</sub> : Decipher the charge transfer channel for enhanced photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 1051-1063.	5.0	32



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129	Rapid, Ordered Polymerization of Crystalline Semiconducting Covalent Triazine Frameworks. <i>Angewandte Chemie</i> , 2022, 134, e202113926.	1.6	5
130	Rapid, Ordered Polymerization of Crystalline Semiconducting Covalent Triazine Frameworks. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202113926.	7.2	54
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