

# Oliver Gutiérrez Tinoco

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1994641/publications.pdf>

Version: 2024-02-01

120  
papers

4,282  
citations

94381

37  
h-index

133188

59  
g-index

123  
all docs

123  
docs citations

123  
times ranked

3550  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrocatalytic Hydrogenation of Biomass-Derived Organics: A Review. <i>Chemical Reviews</i> , 2020, 120, 11370-11419.	23.0	185
2	Effects of the Support on the Performance and Promotion of (Ni)MoS <sub>2</sub> Catalysts for Simultaneous Hydrodenitrogenation and Hydrodesulfurization. <i>ACS Catalysis</i> , 2014, 4, 1487-1499.	5.5	157
3	Effect of the support on the high activity of the (Ni)Mo/ZrO <sub>2</sub> @SBA-15 catalyst in the simultaneous hydrodesulfurization of DBT and 4,6-DMDBT. <i>Journal of Catalysis</i> , 2011, 281, 50-62.	3.1	156
4	The synergistic effect between Ni sites and Ni-Fe alloy sites on hydrodeoxygenation of lignin-derived phenols. <i>Applied Catalysis B: Environmental</i> , 2019, 253, 348-358.	10.8	155
5	Selective Methane Oxidation to Methanol on Cu-Oxo Dimers Stabilized by Zirconia Nodes of an NU-1000 Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2019, 141, 9292-9304.	6.6	131
6	SBA-15 supports modified by Ti and Zr grafting for NiMo hydrodesulfurization catalysts. <i>Catalysis Today</i> , 2006, 116, 485-497.	2.2	126
7	Genesis and Stability of Hydronium Ions in Zeolite Channels. <i>Journal of the American Chemical Society</i> , 2019, 141, 3444-3455.	6.6	119
8	Hydrogenation of benzaldehyde via electrocatalysis and thermal catalysis on carbon-supported metals. <i>Journal of Catalysis</i> , 2018, 359, 68-75.	3.1	116
9	Aqueous phase electrocatalysis and thermal catalysis for the hydrogenation of phenol at mild conditions. <i>Applied Catalysis B: Environmental</i> , 2016, 182, 236-246.	10.8	103
10	Electrocatalytic Hydrogenation of Phenol over Platinum and Rhodium: Unexpected Temperature Effects Resolved. <i>ACS Catalysis</i> , 2016, 6, 7466-7470.	5.5	86
11	Copper-zirconia interfaces in UiO-66 enable selective catalytic hydrogenation of CO <sub>2</sub> to methanol. <i>Nature Communications</i> , 2020, 11, 5849.	5.8	86
12	Deoxygenation of Palmitic Acid on Unsupported Transition-Metal Phosphides. <i>ACS Catalysis</i> , 2017, 7, 6331-6341.	5.5	83
13	Understanding the Role of Metal and Molecular Structure on the Electrocatalytic Hydrogenation of Oxygenated Organic Compounds. <i>ACS Catalysis</i> , 2019, 9, 9964-9972.	5.5	81
14	Bulk and γ-Al <sub>2</sub> O <sub>3</sub> -supported Ni <sub>2</sub> P and MoP for hydrodeoxygenation of palmitic acid. <i>Applied Catalysis B: Environmental</i> , 2016, 180, 301-311.	10.8	76
15	Electrocatalytic Hydrogenation of Oxygenated Compounds in Aqueous Phase. <i>Organic Process Research and Development</i> , 2018, 22, 1590-1598.	1.3	76
16	Integrated catalytic and electrocatalytic conversion of substituted phenols and diaryl ethers. <i>Journal of Catalysis</i> , 2016, 344, 263-272.	3.1	73
17	Aqueous phase catalytic and electrocatalytic hydrogenation of phenol and benzaldehyde over platinum group metals. <i>Journal of Catalysis</i> , 2020, 382, 372-384.	3.1	68
18	Roles of Cu <sup>+</sup> and Cu <sup>0</sup> sites in liquid-phase hydrogenation of esters on core-shell CuZn <sub>x</sub> @C catalysts. <i>Applied Catalysis B: Environmental</i> , 2020, 267, 118698.	10.8	68

#	ARTICLE	IF	CITATIONS
19	Catalytic routes and oxidation mechanisms in photoreforming of polyols. <i>Journal of Catalysis</i> , 2016, 344, 806-816.	3.1	65
20	Kinetic Investigation of the Sustainable Electrocatalytic Hydrogenation of Benzaldehyde on Pd/C: Effect of Electrolyte Composition and Half-Cell Potentials. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 16073-16085.	3.2	65
21	Performance of Base and Noble Metals for Electrocatalytic Hydrogenation of Bio-Oil-Derived Oxygenated Compounds. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 4407-4418.	3.2	65
22	Modification of Activity and Selectivity of NiMo/SBA-15 HDS Catalysts by Grafting of Different Metal Oxides on the Support Surface. <i>Industrial &amp; Engineering Chemistry Research</i> , 2009, 48, 1126-1133.	1.8	60
23	Impact of pH on Aqueous-Phase Phenol Hydrogenation Catalyzed by Carbon-Supported Pt and Rh. <i>ACS Catalysis</i> , 2019, 9, 1120-1128.	5.5	55
24	Environment of Metal-O-Fe Bonds Enabling High Activity in CO <sub>2</sub> Reduction on Single Metal Atoms and on Supported Nanoparticles. <i>Journal of the American Chemical Society</i> , 2021, 143, 5540-5549.	6.6	54
25	Disordered, Sub-Nanometer Ru Structures on CeO <sub>2</sub> are Highly Efficient and Selective Catalysts in Polymer Upcycling by Hydrogenolysis. <i>ACS Catalysis</i> , 2022, 12, 4618-4627.	5.5	54
26	Electrochemically Tunable Proton-Coupled Electron Transfer in Pd-Catalyzed Benzaldehyde Hydrogenation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1501-1505.	7.2	53
27	Selective poisoning of the direct denitrogenation route in o-propylaniline HDN by DBT on Mo and NiMo/β-Al <sub>2</sub> O <sub>3</sub> sulfide catalysts. <i>Journal of Catalysis</i> , 2011, 281, 325-338.	3.1	51
28	Hydrodeoxygenation of fatty acid esters catalyzed by Ni on nano-sized MFI type zeolites. <i>Catalysis Science and Technology</i> , 2016, 6, 7976-7984.	2.1	49
29	Carbon-supported Pt during aqueous phenol hydrogenation with and without applied electrical potential: X-ray absorption and theoretical studies of structure and adsorbates. <i>Journal of Catalysis</i> , 2018, 368, 8-19.	3.1	49
30	Critical role of solvent-modulated hydrogen-binding strength in the catalytic hydrogenation of benzaldehyde on palladium. <i>Nature Catalysis</i> , 2021, 4, 976-985.	16.1	49
31	Structure Sensitivity in Hydrogenation Reactions on Pt/C in Aqueous-phase. <i>ChemCatChem</i> , 2019, 11, 575-582.	1.8	47
32	Ring opening of 1,2,3,4-tetrahydroquinoline and decahydroquinoline on MoS <sub>2</sub> /β-Al <sub>2</sub> O <sub>3</sub> and Ni-MoS <sub>2</sub> /β-Al <sub>2</sub> O <sub>3</sub> . <i>Journal of Catalysis</i> , 2012, 295, 155-168.	3.1	46
33	Carbon-Carbon Bond Scission Pathways in the Deoxygenation of Fatty Acids on Transition-Metal Sulfides. <i>ACS Catalysis</i> , 2017, 7, 1068-1076.	5.5	44
34	Synthesis of Methanethiol from Carbonyl Sulfide and Carbon Disulfide on (Co)K-Promoted Sulfide Mo/SiO <sub>2</sub> Catalysts. <i>ACS Catalysis</i> , 2011, 1, 1595-1603.	5.5	43
35	Effect of reaction conditions on the hydrogenolysis of polypropylene and polyethylene into gas and liquid alkanes. <i>Reaction Chemistry and Engineering</i> , 2022, 7, 844-854.	1.9	43
36	Synthesis of methyl mercaptan from carbonyl sulfide over sulfide K <sub>2</sub> MoO <sub>4</sub> /SiO <sub>2</sub> . <i>Journal of Catalysis</i> , 2011, 280, 264-273.	3.1	40

#	ARTICLE	IF	CITATIONS
37	Quantifying Adsorption of Organic Molecules on Platinum in Aqueous Phase by Hydrogen Site Blocking and in Situ X-ray Absorption Spectroscopy. <i>ACS Catalysis</i> , 2019, 9, 6869-6881.	5.5	40
38	The Critical Role of Reductive Steps in the Nickel-Catalyzed Hydrogenolysis and Hydrolysis of Aryl Ether C-O Bonds. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1445-1449.	7.2	40
39	Hydrogen Bonding Enhances the Electrochemical Hydrogenation of Benzaldehyde in the Aqueous Phase. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 290-296.	7.2	40
40	Enhancing hydrogenation activity of Ni-Mo sulfide hydrodesulfurization catalysts. <i>Science Advances</i> , 2020, 6, eaax5331.	4.7	39
41	Impact of Ni promotion on the hydrogenation pathways of phenanthrene on MoS <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> . <i>Journal of Catalysis</i> , 2017, 352, 171-181.	3.1	38
42	Understanding Ni Promotion of MoS <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> and its Implications for the Hydrogenation of Phenanthrene. <i>ChemCatChem</i> , 2015, 7, 4118-4130.	1.8	36
43	Pathways for H <sub>2</sub> Activation on (Ni)-MoS <sub>2</sub> Catalysts. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 2929-2932.	2.1	36
44	Kinetic Coupling of Water Splitting and Photoreforming on SrTiO <sub>3</sub> -Based Photocatalysts. <i>ACS Catalysis</i> , 2018, 8, 2902-2913.	5.5	36
45	Simultaneous hydrodenitrogenation and hydrodesulfurization on unsupported Ni-Mo-W sulfides. <i>Catalysis Today</i> , 2017, 297, 344-355.	2.2	35
46	Exceptional Fluorocarbon Uptake with Mesoporous Metal-Organic Frameworks for Adsorption-Based Cooling Systems. <i>ACS Applied Energy Materials</i> , 2018, 1, 5853-5858.	2.5	35
47	Overcoming the Rate-Limiting Reaction during Photoreforming of Sugar Aldoses for H <sub>2</sub> -Generation. <i>ACS Catalysis</i> , 2017, 7, 3236-3244.	5.5	34
48	Tailoring p-xylene selectivity in toluene methylation on medium pore-size zeolites. <i>Microporous and Mesoporous Materials</i> , 2015, 210, 52-59.	2.2	33
49	Influence of Potassium on the Synthesis of Methanethiol from Carbonyl Sulfide on Sulfided Mo/Al <sub>2</sub> O <sub>3</sub> Catalyst. <i>ChemCatChem</i> , 2011, 3, 1480-1490.	1.8	32
50	Enabling Overall Water Splitting on Photocatalysts by CO-Covered Noble Metal Co-catalysts. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 4358-4362.	2.1	32
51	Active Sites on Nickel-Promoted Transition-Metal Sulfides That Catalyze Hydrogenation of Aromatic Compounds. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14555-14559.	7.2	32
52	Inverse iron oxide/metal catalysts from galvanic replacement. <i>Nature Communications</i> , 2020, 11, 3269.	5.8	31
53	Importance of Methane Chemical Potential for Its Conversion to Methanol on Cu-Exchanged Mordenite. <i>Chemistry - A European Journal</i> , 2020, 26, 7563-7567.	1.7	31
54	Tailoring silica-alumina-supported Pt-Pd as poison-tolerant catalyst for aromatics hydrogenation. <i>Journal of Catalysis</i> , 2013, 304, 135-148.	3.1	31

#	ARTICLE	IF	CITATIONS
55	Bimetallic Pt-Pd/silica-alumina hydrotreating catalysts. Part II: Structure-activity correlations in the hydrogenation of tetralin in the presence of dibenzothiophene and quinoline. <i>Journal of Catalysis</i> , 2012, 292, 13-25.	3.1	29
56	Structure sensitivity of hydrogenolytic cleavage of endocyclic and exocyclic C-C bonds in methylcyclohexane over supported iridium particles. <i>Journal of Catalysis</i> , 2013, 297, 70-78.	3.1	28
57	Photoreforming of ethylene glycol over Rh/TiO <sub>2</sub> and Rh/GaN:ZnO. <i>Journal of Catalysis</i> , 2016, 338, 68-81.	3.1	27
58	Palladium-Catalyzed Reductive Insertion of Alcohols into Aryl Ether Bonds. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3747-3751.	7.2	27
59	Anodic electrocatalytic conversion of carboxylic acids on thin films of RuO <sub>2</sub> , IrO <sub>2</sub> , and Pt. <i>Applied Catalysis B: Environmental</i> , 2020, 277, 119277.	10.8	27
60	Active sites and reactive intermediates in the hydrogenolytic cleavage of C-C bonds in cyclohexane over supported iridium. <i>Journal of Catalysis</i> , 2012, 295, 133-145.	3.1	26
61	γ-Al <sub>2</sub> O <sub>3</sub> -Supported and Unsupported (Ni)MoS <sub>2</sub> for the Hydrodenitrogenation of Quinoline in the Presence of Dibenzothiophene. <i>ChemCatChem</i> , 2014, 6, 485-499.	1.8	26
62	Differences in Mechanism and Rate of Zeolite-Catalyzed Cyclohexanol Dehydration in Apolar and Aqueous Phase. <i>ACS Catalysis</i> , 2021, 11, 2879-2888.	5.5	26
63	Bimetallic Pt-Pd/silica-alumina hydrotreating catalysts - Part I: Physicochemical characterization. <i>Journal of Catalysis</i> , 2012, 292, 1-12.	3.1	25
64	Synthesis of Methanethiol from CS <sub>2</sub> on Ni, Co, and Doped MoS <sub>2</sub> /SiO <sub>2</sub> Catalysts. <i>ChemCatChem</i> , 2013, 5, 3249-3259.	1.8	25
65	On the enhanced catalytic activity of acid-treated, trimetallic Ni-Mo-W sulfides for quinoline hydrodenitrogenation. <i>Journal of Catalysis</i> , 2019, 380, 332-342.	3.1	25
66	Aqueous phase hydrogenation of phenol catalyzed by Pd and PdAg on ZrO <sub>2</sub> . <i>Applied Catalysis A: General</i> , 2017, 548, 128-135.	2.2	24
67	Methanol thiolation over Al <sub>2</sub> O <sub>3</sub> and WS <sub>2</sub> catalysts modified with cesium. <i>Journal of Catalysis</i> , 2017, 345, 308-318.	3.1	23
68	Simultaneous electrocatalytic hydrogenation of aldehydes and phenol over carbon-supported metals. <i>Journal of Applied Electrochemistry</i> , 2021, 51, 27-36.	1.5	21
69	Activity of Cu-Al-Oxo Extra-Framework Clusters for Selective Methane Oxidation on Cu-Exchanged Zeolites. <i>Jacs Au</i> , 2021, 1, 1412-1421.	3.6	21
70	Site Densities, Rates, and Mechanism of Stable Ni/UIO-66 Ethylene Oligomerization Catalysts. <i>Journal of the American Chemical Society</i> , 2021, 143, 20274-20280.	6.6	21
71	Catalytic Consequences of Particle Size and Chloride Promotion in the Ring-Opening of Cyclopentane on Pt/Al <sub>2</sub> O <sub>3</sub> . <i>ACS Catalysis</i> , 2013, 3, 328-338.	5.5	19
72	Towards Understanding Structure-Activity Relationships of Ni-Mo-W Sulfide Hydrotreating Catalysts. <i>ChemCatChem</i> , 2017, 9, 629-641.	1.8	19

#	ARTICLE	IF	CITATIONS
73	A nitrogen-doped PtSn nanocatalyst supported on hollow silica spheres for acetic acid hydrogenation. <i>Chemical Communications</i> , 2018, 54, 8818-8821.	2.2	19
74	Directing the Rate Enhancement for Hydronium Ion Catalyzed Dehydration via Organization of Alkanols in Nanoscopic Confinements. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2304-2311.	7.2	19
75	Electrochemically Tunable Proton-Coupled Electron Transfer in Pd-Catalyzed Benzaldehyde Hydrogenation. <i>Angewandte Chemie</i> , 2020, 132, 1517-1521.	1.6	18
76	Electrocatalytic decarboxylation of carboxylic acids over RuO <sub>2</sub> and Pt nanoparticles. <i>Applied Catalysis B: Environmental</i> , 2022, 305, 121060.	10.8	18
77	Distribution of Metal Cations in Ni-Mo-W Sulfide Catalysts. <i>ChemCatChem</i> , 2015, 7, 3692-3704.	1.8	17
78	Understanding the Role of Surface Heterogeneities in Electrosynthesis Reactions. <i>IScience</i> , 2020, 23, 101814.	1.9	16
79	Porous Covalent Organic Polymers for Efficient Fluorocarbon-Based Adsorption Cooling. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18037-18043.	7.2	16
80	Cesium Induced Changes in the Acid-Base Properties of Metal Oxides and the Consequences for Methanol Thiolation. <i>ACS Catalysis</i> , 2019, 9, 9245-9252.	5.5	15
81	On the role of the alkali cations on methanol thiolation. <i>Catalysis Science and Technology</i> , 2017, 7, 4437-4443.	2.1	14
82	The role of weak Lewis acid sites for methanol thiolation. <i>Catalysis Science and Technology</i> , 2019, 9, 509-516.	2.1	14
83	Kinetics of nitrogen-, oxygen- and sulfur-containing compounds hydrotreating during co-processing of bio-crude with petroleum stream. <i>Applied Catalysis B: Environmental</i> , 2022, 307, 121197.	10.8	14
84	Hydrogen Bonding Enhances the Electrochemical Hydrogenation of Benzaldehyde in the Aqueous Phase. <i>Angewandte Chemie</i> , 2021, 133, 294-300.	1.6	12
85	Effect of H <sub>2</sub> in the synthesis of COS using liquid sulfur and CO or CO <sub>2</sub> as reactants. <i>Research on Chemical Intermediates</i> , 2010, 36, 211-225.	1.3	11
86	Palladium-Catalyzed Reductive Insertion of Alcohols into Aryl Ether Bonds. <i>Angewandte Chemie</i> , 2018, 130, 3809-3813.	1.6	11
87	Electrocatalytic valorization into H <sub>2</sub> and hydrocarbons of an aqueous stream derived from hydrothermal liquefaction. <i>Journal of Applied Electrochemistry</i> , 2021, 51, 107-118.	1.5	11
88	Electrochemical routes for biomass conversion. <i>Journal of Applied Electrochemistry</i> , 2021, 51, 1-3.	1.5	11
89	Hydrogenation of tetralin over Pt catalysts supported on sulfated zirconia and amorphous silica alumina. <i>Catalysis Science and Technology</i> , 2013, 3, 2365.	2.1	10
90	Metal-organic framework supported single-site nickel catalysts for butene dimerization. <i>Journal of Catalysis</i> , 2022, 413, 176-183.	3.1	9

#	ARTICLE	IF	CITATIONS
91	APPLICATION OF NEW ZRO <sub>2</sub> -SBA-15 MATERIALS AS CATALYTIC SUPPORTS: STUDY OF INTRINSIC ACTIVITY OF MO CATALYSTS IN DEEP HDS. <i>Chemical Engineering Communications</i> , 2009, 196, 1163-1177.	1.5	8
92	Mechanistic Pathways for Methylcyclohexane Hydrogenolysis over Supported Ir Catalysts. <i>Journal of Physical Chemistry C</i> , 2014, 118, 20948-20958.	1.5	8
93	Copper-Based Catalysts Confined in Carbon Nanocage Reactors for Condensed Ester Hydrogenation: Tuning Copper Species by Confined SiO <sub>2</sub> and Methanol Resistance. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 16270-16280.	3.2	8
94	New NiMo catalysts supported on ZrO <sub>2</sub> -modified SBA-15 materials for 4,6-dimethyldibenzothiophene hydrodesulfurization. <i>Studies in Surface Science and Catalysis</i> , 2006, 162, 355-362.	1.5	7
95	Explaining the structure sensitivity of Pt and Rh for aqueous-phase hydrogenation of phenol. <i>Journal of Chemical Physics</i> , 2022, 156, 104703.	1.2	7
96	The Critical Role of Reductive Steps in the Nickel-Catalyzed Hydrogenolysis and Hydrolysis of Aryl Ether C-O Bonds. <i>Angewandte Chemie</i> , 2020, 132, 1461-1465.	1.6	6
97	Tuning proton transfer and catalytic properties in triple junction nanostructured catalyts. <i>Nano Energy</i> , 2021, 86, 106046.	8.2	5
98	Impact of functional groups on the electrocatalytic hydrogenation of aromatic carbonyls to alcohols. <i>Catalysis Today</i> , 2022, 397-399, 63-68.	2.2	5
99	SBA-15 mesoporous molecular sieves doped with ZrO <sub>2</sub> or TiO <sub>2</sub> as supports for Mo HDS catalysts. <i>Studies in Surface Science and Catalysis</i> , 2007, , 803-806.	1.5	4
100	Maximizing Active Site Concentrations at Ni-Substituted WS <sub>2</sub> Edges for Hydrogenation of Aromatic Molecules. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 5617-5622.	2.1	4
101	Directing the Rate-Enhancement for Hydronium Ion Catalyzed Dehydration via Organization of Alkanols in Nanoscopic Confinements. <i>Angewandte Chemie</i> , 2021, 133, 2334-2341.	1.6	4
102	Importance of Methane Chemical Potential for Its Conversion to Methanol on Cu-exchanged Mordenite. <i>Chemistry - A European Journal</i> , 2020, 26, 7515-7515.	1.7	3
103	Controlling Reaction Routes in Noble-Metal-Catalyzed Conversion of Aryl Ethers. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	3
104	Active Sites on Nickel-Promoted Transition-Metal Sulfides That Catalyze Hydrogenation of Aromatic Compounds. <i>Angewandte Chemie</i> , 2018, 130, 14763-14767.	1.6	2
105	Magnesium-Aluminum Mixed Oxides as Basic Catalysts for the Synthesis of Methanethiol. <i>Catalysis Letters</i> , 2020, 150, 2304-2308.	1.4	2
106	Controlling Reaction Routes in Noble-Metal-Catalyzed Conversion of Aryl Ethers. <i>Angewandte Chemie</i> , 0, , .	1.6	2
107	Electrocatalytic Reduction of Carbonyl Groups in Aromatic Molecules: A Step Towards Electrochemical Bio-Oil Conversion. <i>ECS Meeting Abstracts</i> , 2017, , .	0.0	1
108	Anodic electrocatalytic conversion of carboxylic acids on thin films of RuO <sub>2</sub> , IrO <sub>2</sub> , and Pt. , 2020, , .		1



#	ARTICLE	IF	CITATIONS
109	Porous Covalent Organic Polymers for Efficient Fluorocarbon-Based Adsorption Cooling. <i>Angewandte Chemie</i> , 2021, 133, 18185-18191.	1.6	0
110	Innentitelbild: Porous Covalent Organic Polymers for Efficient Fluorocarbon-Based Adsorption Cooling ( <i>Angew. Chem.</i> 33/2021). <i>Angewandte Chemie</i> , 2021, 133, 17894-17894.	1.6	0
111	Towards Controlling the Electrocatalytic Hydrogenation of Oxygenated Hydrocarbons through Particle Size Effects. <i>ECS Meeting Abstracts</i> , 2017, , .	0.0	0
112	Understanding Electrocatalytic Hydrogenation of Phenol and Benzaldehyde on Platinum Group Metals for Fuel Production. <i>ECS Meeting Abstracts</i> , 2018, , .	0.0	0
113	Electrocatalytic Hydrogenation of Benzaldehyde: Unexpected Enhancing Effect By Co-Adsorbed Proton Donor. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0
114	Understanding Metal Structure Sensitivity during the Electrocatalytic Hydrogenation and Oxidation of Biomass-Derived Molecules at Normal Temperature and Pressure. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0
115	Electrocatalytic Hydrogenation of Biogenic Molecules: Understanding Reactivity Trends. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0
116	Hydrogenation of Carbonyl Compounds over Pd in Aqueous Phase Under Charged Conditions: Role of Organic Molecular Structure. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0
117	Electrochemical Upgrading of Wastes to Products- Fundamental Studies Using a Combined Experimental and Computational Approach. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0
118	Progress Towards Electrochemical Methods for Pyrolysis-Oil Hydrogenation. <i>ECS Meeting Abstracts</i> , 2018, MA2018-01, 1822-1822.	0.0	0
119	Inside Cover: Controlling Reaction Routes in Noble-Metal-Catalyzed Conversion of Aryl Ethers ( <i>Angew. Chem.</i> 134/2022). <i>Angewandte Chemie</i> , 2022, 134, .	0.784314	0
120	Innentitelbild: Controlling Reaction Routes in Noble-Metal-Catalyzed Conversion of Aryl Ethers ( <i>Angew. Chem.</i> 30/2022). <i>Angewandte Chemie</i> , 2022, 134, .	1.6	0