

Cynthia M Friend

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6546216/cynthia-m-friend-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. 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.

125
papers

5,447
citations

37
h-index

71
g-index

135
ext. papers

6,235
ext. citations

10.7
avg, IF

6.08
L-index

#	Paper	IF	Citations
125	Comment on STM study of the (111) and (100) surfaces of PdAg, Surf. Sci. 417 (1998) 292-300 and references therein. <i>Surface Science</i> , 2022 , 122048	1.8	1
124	Toward benchmarking theoretical computations of elementary rate constants on catalytic surfaces: formate decomposition on Au and Cu.. <i>Chemical Science</i> , 2022 , 13, 804-815	9.4	1
123	Exploiting the Liquid Phase to Enhance the Cross-Coupling of Alcohols over Nanoporous Gold Catalysts. <i>ACS Catalysis</i> , 2022 , 12, 183-192	13.1	1
122	Predicting X-ray Photoelectron Peak Shapes: the Effect of Electronic Structure. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 10685-10692	3.8	2
121	Entropic Control of HD Exchange Rates over Dilute Pd-in-Au Alloy Nanoparticle Catalysts. <i>ACS Catalysis</i> , 2021 , 11, 6971-6981	13.1	10
120	Dilute Pd-in-Au alloy RCT-SiO ₂ catalysts for enhanced oxidative methanol coupling. <i>Journal of Catalysis</i> , 2021 ,	7.3	5
119	The dynamic behavior of dilute metallic alloy PdAu _{1-x} /SiO ₂ raspberry colloid templated catalysts under CO oxidation. <i>Catalysis Science and Technology</i> , 2021 , 11, 4072-4082	5.5	6
118	Regeneration of Active Surface Alloys during Cyclic Oxidation and Reduction: Oxidation of H on Pd/Ag(111). <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 6752-6759	6.4	1
117	Neural network assisted analysis of bimetallic nanocatalysts using X-ray absorption near edge structure spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 18902-18910	3.6	16
116	Facile Decomposition of Organophosphonates by Dual Lewis Sites on a Fe ₃ O ₄ (111) Film. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 12432-12441	3.8	8
115	Regulating Photochemical Selectivity with Temperature: Isobutanol on TiO(110). <i>Journal of the American Chemical Society</i> , 2020 , 142, 13072-13080	16.4	8
114	Stabilization of a nanoporous NiCu dilute alloy catalyst for non-oxidative ethanol dehydrogenation. <i>Catalysis Science and Technology</i> , 2020 , 10, 5207-5217	5.5	10
113	Growth and auto-oxidation of Pd on single-layer AgO/Ag(111). <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 6202-6209	3.6	6
112	Dual Lewis site creation for activation of methanol on FeO(111) thin films. <i>Chemical Science</i> , 2020 , 11, 2448-2454	9.4	4
111	Predicting a Sharp Decline in Selectivity for Catalytic Esterification of Alcohols from van der Waals Interactions. <i>Angewandte Chemie</i> , 2020 , 132, 10956-10959	3.6	3
110	Predicting a Sharp Decline in Selectivity for Catalytic Esterification of Alcohols from van der Waals Interactions. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10864-10867	16.4	3
109	Achieving High Selectivity for Alkyne Hydrogenation at High Conversions with Compositionally Optimized PdAu Nanoparticle Catalysts in Raspberry Colloid-Templated SiO ₂ . <i>ACS Catalysis</i> , 2020 , 10, 441-450	13.1	36

108	New Role of Pd Hydride as a Sensor of Surface Pd Distributions in PdAu Catalysts. <i>ChemCatChem</i> , 2020 , 12, 717-721	5.2	6
107	Effect of Frustrated Rotations on the Pre-Exponential Factor for Unimolecular Reactions on Surfaces: A Case Study of Alkoxy Dehydrogenation. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 1429-1437	7.8	9
106	Guidelines to Achieving High Selectivity for the Hydrogenation of α -Unsaturated Aldehydes with Bimetallic and Dilute Alloy Catalysts: A Review. <i>Chemical Reviews</i> , 2020 , 120, 12834-12872	68.1	47
105	Reduction of Oxidized Pd/Ag(111) Surfaces by H ₂ : Sensitivity to PdO Island Size and Dispersion. <i>ACS Catalysis</i> , 2020 , 10, 10117-10124	13.1	5
104	Evolution of Metastable Structures at Bimetallic Surfaces from Microscopy and Machine-Learning Molecular Dynamics. <i>Journal of the American Chemical Society</i> , 2020 , 142, 15907-15916	16.4	16
103	Facilitating hydrogen atom migration via a dense phase on palladium islands to a surrounding silver surface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 22657-22664	11.5	16
102	Hydrogen migration at restructuring palladium-silver oxide boundaries dramatically enhances reduction rate of silver oxide. <i>Nature Communications</i> , 2020 , 11, 1844	17.4	18
101	Tuning reactivity layer-by-layer: formic acid activation on Ag/Pd(111). <i>Chemical Science</i> , 2020 , 11, 6492-6499	4.9	5
100	Enhancing catalytic performance of dilute metal alloy nanomaterials. <i>Communications Chemistry</i> , 2020 , 3,	6.3	20
99	Dilute Pd/Au Alloy Nanoparticles Embedded in Colloid-Templated Porous SiO ₂ : Stable Au-Based Oxidation Catalysts. <i>Chemistry of Materials</i> , 2019 , 31, 5759-5768	9.6	34
98	Evolution of steady-state material properties during catalysis: Oxidative coupling of methanol over nanoporous Ag _{0.03} Au _{0.97} . <i>Journal of Catalysis</i> , 2019 , 380, 366-374	7.3	18
97	Dynamics of Surface Alloys: Rearrangement of Pd/Ag(111) Induced by CO and O ₂ . <i>Journal of Physical Chemistry C</i> , 2019 , 123, 8312-8323	3.8	49
96	Probing Atomic Distributions in Mono- and Bimetallic Nanoparticles by Supervised Machine Learning. <i>Nano Letters</i> , 2019 , 19, 520-529	11.5	54
95	Oxygen adsorption on spontaneously reconstructed Au(511). <i>Surface Science</i> , 2019 , 679, 296-303	1.8	2
94	New Architectures for Designed Catalysts: Selective Oxidation using AgAu Nanoparticles on Colloid-Templated Silica. <i>Chemistry - A European Journal</i> , 2018 , 24, 1743-1743	4.8	
93	A Comparative Ab Initio Study of Anhydrous Dehydrogenation of Linear-Chain Alcohols on Cu(110). <i>Journal of Physical Chemistry C</i> , 2018 , 122, 7806-7815	3.8	12
92	Identifying key descriptors in surface binding: interplay of surface anchoring and intermolecular interactions for carboxylates on Au(110). <i>Chemical Science</i> , 2018 , 9, 3759-3766	9.4	9
91	General Effect of van der Waals Interactions on the Stability of Alkoxy Intermediates on Metal Surfaces. <i>Journal of Physical Chemistry B</i> , 2018 , 122, 555-560	3.4	15

90	Structural Differentiation of the Reactivity of Alcohols with Active Oxygen on Au(110). <i>Topics in Catalysis</i> , 2018 , 61, 299-307	2.3	6
89	New Architectures for Designed Catalysts: Selective Oxidation using AgAu Nanoparticles on Colloid-Templated Silica. <i>Chemistry - A European Journal</i> , 2018 , 24, 1833-1837	4.8	18
88	Perspectives on the design of nanoparticle systems for catalysis. <i>Faraday Discussions</i> , 2018 , 208, 595-607	3.6	2
87	Water facilitates oxygen migration on gold surfaces. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 2196-2204	3.4	14
86	O Activation by Metal Surfaces: Implications for Bonding and Reactivity on Heterogeneous Catalysts. <i>Chemical Reviews</i> , 2018 , 118, 2816-2862	68.1	190
85	Structure of the Clean and Oxygen-Covered Cu(100) Surface at Room Temperature in the Presence of Methanol Vapor in the 10-200 mTorr Pressure Range. <i>Journal of Physical Chemistry B</i> , 2018 , 122, 548-554	3.4	21
84	Crossing the great divide between single-crystal reactivity and actual catalyst selectivity with pressure transients. <i>Nature Catalysis</i> , 2018 , 1, 852-859	36.5	25
83	Chemistry of Methanol and Ethanol on Ozone-Prepared Fe ₂ O ₃ (0001). <i>Journal of Physical Chemistry C</i> , 2018 , 122, 25404-25410	3.8	5
82	Spatially Nonuniform Reaction Rates during Selective Oxidation on Gold. <i>Journal of the American Chemical Society</i> , 2018 , 140, 12210-12215	16.4	4
81	Toward digitally controlled catalyst architectures: Hierarchical nanoporous gold via 3D printing. <i>Science Advances</i> , 2018 , 4, eaas9459	14.3	83
80	Selective Activation of Methyl C-H Bonds of Toluene by Oxygen on Metallic Gold. <i>Catalysis Letters</i> , 2018 , 148, 1985-1989	2.8	4
79	Selective non-oxidative dehydrogenation of ethanol to acetaldehyde and hydrogen on highly dilute NiCu alloys. <i>Applied Catalysis B: Environmental</i> , 2017 , 205, 541-550	21.8	91
78	Strain effects on the behavior of isolated and paired sulfur vacancy defects in monolayer MoS ₂ . <i>Physical Review B</i> , 2017 , 95,	3.3	42
77	Methanol Photo-Oxidation on Rutile TiO ₂ Nanowires: Probing Reaction Pathways on Complex Materials. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 9910-9919	3.8	23
76	Surface Structure Dependence of the Dry Dehydrogenation of Alcohols on Cu(111) and Cu(110). <i>Journal of Physical Chemistry C</i> , 2017 , 121, 12800-12806	3.8	25
75	Heterogeneous Catalysis: A Central Science for a Sustainable Future. <i>Accounts of Chemical Research</i> , 2017 , 50, 517-521	24.3	160
74	Dynamic restructuring drives catalytic activity on nanoporous gold-silver alloy catalysts. <i>Nature Materials</i> , 2017 , 16, 558-564	27	180
73	Selective Oxygen-Assisted Reactions of Alcohols and Amines Catalyzed by Metallic Gold: Paradigms for the Design of Catalytic Processes. <i>ACS Catalysis</i> , 2017 , 7, 965-985	13.1	45

72	Thermally Activated Formation of Reactive Lattice Oxygen in Titania on Nanoporous Gold. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 21405-21410	3.8	3
71	First-Principles Study of Alkoxides Adsorbed on Au(111) and Au(110) Surfaces: Assessing the Roles of Noncovalent Interactions and Molecular Structures in Catalysis. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 27905-27914	3.8	10
70	Multiscale Morphology of Nanoporous Copper Made from Intermetallic Phases. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 25615-25622	9.5	14
69	Accurate formation energies of charged defects in solids: A systematic approach. <i>Physical Review B</i> , 2017 , 95,	3.3	22
68	Hydride-Based Solid Oxide Fuel Cell/Battery Hybrid Electrochemical System. <i>Energy Technology</i> , 2017 , 5, 616-622	3.5	1
67	Controlling O coverage and stability by alloying Au and Ag. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 26844-26853	3.6	15
66	Noncovalent Bonding Controls Selectivity in Heterogeneous Catalysis: Coupling Reactions on Gold. <i>Journal of the American Chemical Society</i> , 2016 , 138, 15243-15250	16.4	35
65	Self-assembly of acetate adsorbates drives atomic rearrangement on the Au(110) surface. <i>Nature Communications</i> , 2016 , 7, 13139	17.4	18
64	Surface Modifications during a Catalytic Reaction: a Combined APT and FIB/SEM Analysis of Surface Segregation. <i>Microscopy and Microanalysis</i> , 2016 , 22, 356-357	0.5	2
63	Catalytic production of methyl acrylates by gold-mediated cross coupling of unsaturated aldehydes with methanol. <i>Surface Science</i> , 2016 , 652, 58-66	1.8	7
62	Catalyst design for enhanced sustainability through fundamental surface chemistry. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016 , 374,	3	13
61	Continuous Catalytic Production of Methyl Acrylates from Unsaturated Alcohols by Gold: The Strong Effect of C=C Unsaturation on Reaction Selectivity. <i>ACS Catalysis</i> , 2016 , 6, 1833-1839	13.1	23
60	Experimental investigation into tungsten carbide thin films as solid oxide fuel cell anodes. <i>Journal of Materials Research</i> , 2016 , 31, 3050-3059	2.5	4
59	Active sites for methanol partial oxidation on nanoporous gold catalysts. <i>Journal of Catalysis</i> , 2016 , 344, 778-783	7.3	32
58	Anatomy of the Photochemical Reaction: Excited-State Dynamics Reveals the C-H Acidity Mechanism of Methoxy Photo-oxidation on Titania. <i>Journal of Physical Chemistry Letters</i> , 2015 , 6, 1624-7 ^{6.4}	6.4	55
57	Facile Ester Synthesis on Ag-Modified Nanoporous Au: Oxidative Coupling of Ethanol and 1-Butanol Under UHV Conditions. <i>Catalysis Letters</i> , 2015 , 145, 1217-1223	2.8	12
56	Achieving Selective and Efficient Electrocatalytic Activity for CO ₂ Reduction Using Immobilized Silver Nanoparticles. <i>Journal of the American Chemical Society</i> , 2015 , 137, 13844-50	16.4	437
55	Nanoporous Gold: Understanding the Origin of the Reactivity of a 21st Century Catalyst Made by Pre-Columbian Technology. <i>ACS Catalysis</i> , 2015 , 5, 6263-6270	13.1	118

54	Methyl ester synthesis catalyzed by nanoporous gold: from 10 ⁹ Torr to 1 atm. <i>Catalysis Science and Technology</i> , 2015 , 5, 1299-1306	5.5	17
53	Exploiting basic principles to control the selectivity of the vapor phase catalytic oxidative cross-coupling of primary alcohols over nanoporous gold catalysts. <i>Journal of Catalysis</i> , 2015 , 329, 78-86	7.3	37
52	Ozone-Activated Nanoporous Gold: A Stable and Storable Material for Catalytic Oxidation. <i>ACS Catalysis</i> , 2015 , 5, 4237-4241	13.1	63
51	Ag/Au mixed sites promote oxidative coupling of methanol on the alloy surface. <i>Chemistry - A European Journal</i> , 2014 , 20, 4646-52	4.8	33
50	The dissociation-induced displacement of chemisorbed O ₂ by mobile O atoms and the autocatalytic recombination of O due to chain fragmentation on Ag(110). <i>Surface Science</i> , 2014 , 630, 187-194	1.8	6
49	Switching Selectivity in Oxidation Reactions on Gold: The Mechanism of C≡ vs C-H Bond Activation in the Acetate Intermediate on Au(111). <i>ACS Catalysis</i> , 2014 , 4, 3281-3288	13.1	14
48	Van der Waals interactions determine selectivity in catalysis by metallic gold. <i>Journal of the American Chemical Society</i> , 2014 , 136, 13333-40	16.4	52
47	Tuning the Stability of Surface Intermediates Using Adsorbed Oxygen: Acetate on Au(111). <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 1126-30	6.4	18
46	Predicting gold-mediated catalytic oxidative-coupling reactions from single crystal studies. <i>Accounts of Chemical Research</i> , 2014 , 47, 761-72	24.3	41
45	Enhanced Photo-Oxidation of Formaldehyde on Highly Reduced o-TiO ₂ (110). <i>Journal of Physical Chemistry C</i> , 2014 , 118, 29242-29251	3.8	27
44	Perspectives on heterogeneous photochemistry. <i>Chemical Record</i> , 2014 , 14, 944-51	6.6	11
43	The Dynamic Roles of Interstitial and Surface Defects on Oxidation and Reduction Reactions on Titania. <i>Topics in Catalysis</i> , 2013 , 56, 1377-1388	2.3	21
42	Sequential photo-oxidation of methanol to methyl formate on TiO ₂ (110). <i>Journal of the American Chemical Society</i> , 2013 , 135, 574-7	16.4	146
41	Dual-function of alcohols in gold-mediated selective coupling of amines and alcohols. <i>Chemistry - A European Journal</i> , 2012 , 18, 2313-8	4.8	19
40	Oxygen-mediated coupling of alcohols over nanoporous gold catalysts at ambient pressures. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 1698-701	16.4	93
39	Origin of the selectivity in the gold-mediated oxidation of benzyl alcohol. <i>Surface Science</i> , 2012 , 606, 1129-1134	1.8	37
38	Formation of nanostructured TiO ₂ by femtosecond laser irradiation of titanium in O ₂ . <i>Journal of Applied Physics</i> , 2012 , 112, 063108	2.5	29
37	Role of surface-bound intermediates in the oxygen-assisted synthesis of amides by metallic silver and gold. <i>Journal of the American Chemical Society</i> , 2012 , 134, 12604-10	16.4	16

36	Sauerstoffinduzierte Kupplung und Oxidation von Alkoholen über nanoporösem Gold. <i>Angewandte Chemie</i> , 2012 , 124, 1730-1733	3.6	12
35	A paradigm for predicting selective oxidation on noble metals: oxidative catalytic coupling of amines and aldehydes on metallic gold. <i>Faraday Discussions</i> , 2011 , 152, 241-52; discussion 293-306	3.6	18
34	Oxidative coupling of alcohols on gold: insights from experiments and theory. <i>Faraday Discussions</i> , 2011 , 152, 307-20; discussion 393-413	3.6	32
33	Theoretical Study of O-Assisted Selective Coupling of Methanol on Au(111). <i>Journal of Physical Chemistry C</i> , 2011 , 115, 3703-3708	3.8	82
32	Activated metallic gold as an agent for direct methoxycarbonylation. <i>Journal of the American Chemical Society</i> , 2011 , 133, 20378-83	16.4	27
31	The mystery of gold's chemical activity: local bonding, morphology and reactivity of atomic oxygen. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 34-46	3.6	96
30	The role of surface and subsurface point defects for chemical model studies on TiO ₂ : a first-principles theoretical study of formaldehyde bonding on rutile TiO ₂ (110). <i>Chemistry - A European Journal</i> , 2011 , 17, 4496-506	4.8	66
29	Role of defects in propene adsorption and reaction on a partially O-covered Au(111) surface. <i>Catalysis Science and Technology</i> , 2011 , 1, 1166	5.5	15
28	Vapour-phase gold-surface-mediated coupling of aldehydes with methanol. <i>Nature Chemistry</i> , 2010 , 2, 61-5	17.6	147
27	Oxygen-assisted cross-coupling of methanol with alkyl alcohols on metallic gold. <i>Chemical Science</i> , 2010 , 1, 310	9.4	53
26	Achieving optimum selectivity in oxygen assisted alcohol cross-coupling on gold. <i>Journal of the American Chemical Society</i> , 2010 , 132, 16571-80	16.4	94
25	Local Bonding Effects in the Oxidation of CO on Oxygen-Covered Au(111) from Ab Initio Molecular Dynamics Simulations. <i>Journal of Chemical Theory and Computation</i> , 2010 , 6, 279-87	6.4	13
24	Insights from Theory on the Relationship Between Surface Reactivity and Gold Atom Release. <i>Topics in Catalysis</i> , 2010 , 53, 365-377	2.3	15
23	Model Systems in Catalysis. Single Crystals to Supported Enzyme Mimics. Herausgegeben von Robert M. Rioux.. <i>Angewandte Chemie</i> , 2010 , 122, 9508-9508	3.6	
22	Highly selective acylation of dimethylamine mediated by oxygen atoms on metallic gold surfaces. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 394-8	16.4	56
21	Selectivity control in gold-mediated esterification of methanol. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 4206-9	16.4	157
20	Surface-mediated self-coupling of ethanol on gold. <i>Journal of the American Chemical Society</i> , 2009 , 131, 5757-9	16.4	111
19	Nature of Oxidation of the Au(111) Surface: Experimental and Theoretical Investigation. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 16561-16564	3.8	41

18	Atomic Oxygen Adsorption on Au(111) Surfaces with Defects. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 3232-3238	3.8	71
17	Chlorine adsorption on Au(111): chlorine overlayer or surface chloride?. <i>Journal of the American Chemical Society</i> , 2008 , 130, 3560-5	16.4	72
16	Unraveling molecular transformations on surfaces: a critical comparison of oxidation reactions on coinage metals. <i>Chemical Society Reviews</i> , 2008 , 37, 2243-61	58.5	108
15	Chlorine promotion of styrene epoxidation on Au(111). <i>Journal of the American Chemical Society</i> , 2007 , 129, 1872-3	16.4	38
14	Heterogeneous gold-based catalysis for green chemistry: low-temperature CO oxidation and propene oxidation. <i>Chemical Reviews</i> , 2007 , 107, 2709-24	68.1	646
13	A pathway for NH addition to styrene promoted by gold. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 7075-8	16.4	28
12	Partial oxidation of propene on oxygen-covered Au(111). <i>Journal of Physical Chemistry B</i> , 2006 , 110, 15984-7	2.7	57
11	Enhancement of O ₂ dissociation on Au(111) by adsorbed oxygen: implications for oxidation catalysis. <i>Journal of the American Chemical Society</i> , 2005 , 127, 9267-70	16.4	198
10	Synthesis of TiO ₂ nanoparticles on the Au(111) surface. <i>Journal of Chemical Physics</i> , 2005 , 123, 94705	3.9	67
9	Reactivity of methanol on TiO ₂ nanoparticles supported on the Au(111) surface. <i>Surface Science</i> , 2005 , 591, 1-12	1.8	24
8	Selective oxidation of styrene on an oxygen-covered Au(111). <i>Journal of the American Chemical Society</i> , 2005 , 127, 17178-9	16.4	124
7	A Novel Growth Mode of Mo on Au (111) from a Mo(CO) ₆ Precursor: An STM Study. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 1036-1043	3.4	37
6	Dinitrosyl formation as an intermediate stage of the reduction of NO in the presence of MoO ₃ . <i>Journal of Chemical Physics</i> , 2003 , 118, 6046-6051	3.9	12
5	Effect of Coadsorbed Species and Temperature on Competitive Reaction Channels for Nascent Radicals: c-C ₃ H ₇ CH ₂ SH on Mo(110)-(1 \times 1)-O. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 663-672	3.4	8
4	Hydroxymethylcyclopropane on Oxygen-Covered Mo(110): A Radical Clock on a Surface. <i>Journal of the American Chemical Society</i> , 2000 , 122, 12395-12396	16.4	9
3	What Promotes the Development of Women Scientists in Academia? Introductory Remarks. <i>Annals of the New York Academy of Sciences</i> , 1999 , 869, 207-209	6.5	1
2	Surface Processes in CVD: Laser- and Low Energy Electron-Induced Decomposition of W(CO) ₆ on Si(111)-(7 \times 7). <i>Materials Research Society Symposia Proceedings</i> , 1988 , 131, 461		1
1	On the Origin of Sinter-Resistance and Catalyst Accessibility in Raspberry-Colloid-Templated Catalyst Design. <i>Advanced Functional Materials</i> , 2106876	15.6	3

