

# Junling Lu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3644338/publications.pdf>

Version: 2024-02-01

115  
papers

12,605  
citations

22153

59  
h-index

24258

110  
g-index

120  
all docs

120  
docs citations

120  
times ranked

13090  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Atom Pd <sub>1</sub> /Graphene Catalyst Achieved by Atomic Layer Deposition: Remarkable Performance in Selective Hydrogenation of 1,3-Butadiene. <i>Journal of the American Chemical Society</i> , 2015, 137, 10484-10487.	13.7	905
2	Atomically dispersed platinum supported on curved carbon supports for efficient electrocatalytic hydrogen evolution. <i>Nature Energy</i> , 2019, 4, 512-518.	39.5	756
3	Coking- and Sintering-Resistant Palladium Catalysts Achieved Through Atomic Layer Deposition. <i>Science</i> , 2012, 335, 1205-1208.	12.6	707
4	Singlet Oxygen-Engaged Selective Photo-Oxidation over Pt Nanocrystals/Porphyrinic MOF: The Roles of Photothermal Effect and Pt Electronic State. <i>Journal of the American Chemical Society</i> , 2017, 139, 2035-2044.	13.7	616
5	Bottom-up precise synthesis of stable platinum dimers on graphene. <i>Nature Communications</i> , 2017, 8, 1070.	12.8	466
6	Highly Active and Stable Metal Single-Atom Catalysts Achieved by Strong Electronic Metal-Support Interactions. <i>Journal of the American Chemical Society</i> , 2019, 141, 14515-14519.	13.7	455
7	Atomically dispersed iron hydroxide anchored on Pt for preferential oxidation of CO in H <sub>2</sub> . <i>Nature</i> , 2019, 565, 631-635.	27.8	423
8	Water-Mediated Mars-Van Krevelen Mechanism for CO Oxidation on Ceria-Supported Single-Atom Pt <sub>1</sub> Catalyst. <i>ACS Catalysis</i> , 2017, 7, 887-891.	11.2	407
9	Uncovering near-free platinum single-atom dynamics during electrochemical hydrogen evolution reaction. <i>Nature Communications</i> , 2020, 11, 1029.	12.8	379
10	Multifunctional PdAg@MIL-101 for One-Pot Cascade Reactions: Combination of Host-Guest Cooperation and Bimetallic Synergy in Catalysis. <i>ACS Catalysis</i> , 2015, 5, 2062-2069.	11.2	363
11	Synthesis and Stabilization of Supported Metal Catalysts by Atomic Layer Deposition. <i>Accounts of Chemical Research</i> , 2013, 46, 1806-1815.	15.6	271
12	Atomic-Level Insight into Optimizing the Hydrogen Evolution Pathway over a Co <sub>1</sub> N <sub>4</sub> Single-Site Photocatalyst. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12191-12196.	13.8	269
13	Atomic layer deposition-Sequential self-limiting surface reactions for advanced catalyst bottom-up synthesis. <i>Surface Science Reports</i> , 2016, 71, 410-472.	7.2	252
14	Enhancing both selectivity and coking-resistance of a single-atom Pd <sub>1</sub> /C <sub>3</sub> N <sub>4</sub> catalyst for acetylene hydrogenation. <i>Nano Research</i> , 2017, 10, 1302-1312.	10.4	220
15	Polar Group and Defect Engineering in a Metal-Organic Framework: Synergistic Promotion of Carbon Dioxide Sorption and Conversion. <i>ChemSusChem</i> , 2015, 8, 878-885.	6.8	193
16	Conversion of a metal-organic framework to N-doped porous carbon incorporating Co and CoO nanoparticles: direct oxidation of alcohols to esters. <i>Chemical Communications</i> , 2015, 51, 8292-8295.	4.1	191
17	Disentangling the size-dependent geometric and electronic effects of palladium nanocatalysts beyond selectivity. <i>Science Advances</i> , 2019, 5, eaat6413.	10.3	187
18	Covalently Connected Carbon Nanostructures for Current Collectors in Both the Cathode and Anode of Li-S Batteries. <i>Advanced Materials</i> , 2016, 28, 9094-9102.	21.0	184

#	ARTICLE	IF	CITATIONS
19	Toward atomically-precise synthesis of supported bimetallic nanoparticles using atomic layer deposition. <i>Nature Communications</i> , 2014, 5, 3264.	12.8	181
20	Synergizing metal-support interactions and spatial confinement boosts dynamics of atomic nickel for hydrogenations. <i>Nature Nanotechnology</i> , 2021, 16, 1141-1149.	31.5	165
21	Stabilization of Copper Catalysts for Liquid-Phase Reactions by Atomic Layer Deposition. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13808-13812.	13.8	162
22	Morphology and defect structure of the CeO <sub>2</sub> (111) films grown on Ru(0001) as studied by scanning tunneling microscopy. <i>Surface Science</i> , 2006, 600, 5004-5010.	1.9	159
23	Alumina Over-coating on Pd Nanoparticle Catalysts by Atomic Layer Deposition: Enhanced Stability and Reactivity. <i>Catalysis Letters</i> , 2011, 141, 512-517.	2.6	159
24	Hollow Metal-Organic Framework Nanospheres via Emulsion-Based Interfacial Synthesis and Their Application in Size-Selective Catalysis. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 18163-18171.	8.0	159
25	Integration of Pd nanoparticles with engineered pore walls in MOFs for enhanced catalysis. <i>Chem</i> , 2021, 7, 686-698.	11.7	146
26	Precisely-controlled synthesis of Au@Pd core-shell bimetallic catalyst via atomic layer deposition for selective oxidation of benzyl alcohol. <i>Journal of Catalysis</i> , 2015, 324, 59-68.	6.2	133
27	Size-dependent catalytic activity over carbon-supported palladium nanoparticles in dehydrogenation of formic acid. <i>Journal of Catalysis</i> , 2017, 352, 371-381.	6.2	132
28	Boosting Photocatalytic Water Splitting: Interfacial Charge Polarization in Atomically Controlled Core-Shell Cocatalysts. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14810-14814.	13.8	131
29	Insight of the stability and activity of platinum single atoms on ceria. <i>Nano Research</i> , 2019, 12, 1401-1409.	10.4	121
30	Copper Catalysts in Semihydrogenation of Acetylene: From Single Atoms to Nanoparticles. <i>ACS Catalysis</i> , 2020, 10, 3495-3504.	11.2	115
31	Porous Alumina Protective Coatings on Palladium Nanoparticles by Self-Poisoned Atomic Layer Deposition. <i>Chemistry of Materials</i> , 2012, 24, 2047-2055.	6.7	110
32	Shape-selective sieving layers on an oxide catalyst surface. <i>Nature Chemistry</i> , 2012, 4, 1030-1036.	13.6	110
33	Gold supported on well-ordered ceria films: nucleation, growth and morphology in CO oxidation reaction. <i>Catalysis Letters</i> , 2007, 114, 8-16.	2.6	106
34	Single-Atom Catalysts Designed and Prepared by the Atomic Layer Deposition Technique. <i>ACS Catalysis</i> , 2021, 11, 7018-7059.	11.2	106
35	Synthesis of Pt-Pd Core-Shell Nanostructures by Atomic Layer Deposition: Application in Propane Oxidative Dehydrogenation to Propylene. <i>Chemistry of Materials</i> , 2012, 24, 3525-3533.	6.7	104
36	Sulfur stabilizing metal nanoclusters on carbon at high temperatures. <i>Nature Communications</i> , 2021, 12, 3135.	12.8	104

#	ARTICLE	IF	CITATIONS
37	Bimetallic monolayer catalyst breaks the activity-selectivity trade-off on metal particle size for efficient chemoselective hydrogenations. <i>Nature Catalysis</i> , 2021, 4, 840-849.	34.4	102
38	Activating Edge Sites on Pd Catalysts for Selective Hydrogenation of Acetylene via Selective Ga <sub>2</sub> O <sub>3</sub> Decoration. <i>ACS Catalysis</i> , 2016, 6, 3700-3707.	11.2	97
39	Tailoring of the Proximity of Platinum Single Atoms on CeO <sub>2</sub> Using Phosphorus Boosts the Hydrogenation Activity. <i>ACS Catalysis</i> , 2019, 9, 8404-8412.	11.2	95
40	Core-shell Si@TiO <sub>2</sub> nanosphere anode by atomic layer deposition for Li-ion batteries. <i>Journal of Power Sources</i> , 2016, 308, 75-82.	7.8	93
41	Boosting Activity and Stability of Metal Single-Atom Catalysts via Regulation of Coordination Number and Local Composition. <i>Journal of the American Chemical Society</i> , 2021, 143, 18854-18858.	13.7	93
42	Metal-Organic Framework-Templated Catalyst: Synergy in Multiple Sites for Catalytic CO <sub>2</sub> Fixation. <i>ChemSusChem</i> , 2017, 10, 1898-1903.	6.8	91
43	Quasi Pd <sub>1</sub> Ni single-atom surface alloy catalyst enables hydrogenation of nitriles to secondary amines. <i>Nature Communications</i> , 2019, 10, 4998.	12.8	90
44	Low-Temperature ABC-Type Atomic Layer Deposition: Synthesis of Highly Uniform Ultrafine Supported Metal Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2547-2551.	13.8	85
45	Surface Acidity and Properties of TiO <sub>2</sub> /SiO <sub>2</sub> Catalysts Prepared by Atomic Layer Deposition: UV-visible Diffuse Reflectance, DRIFTS, and Visible Raman Spectroscopy Studies. <i>Journal of Physical Chemistry C</i> , 2009, 113, 12412-12418.	3.1	82
46	Vanadium oxide surfaces and supported vanadium oxide nanoparticles. <i>Topics in Catalysis</i> , 2006, 38, 117-125.	2.8	80
47	Accelerating Chemo- and Regioselective Hydrogenation of Alkynes over Bimetallic Nanoparticles in a Metal-Organic Framework. <i>ACS Catalysis</i> , 2020, 10, 7753-7762.	11.2	80
48	Precisely Controlled Porous Alumina Overcoating on Pd Catalyst by Atomic Layer Deposition: Enhanced Selectivity and Durability in Hydrogenation of 1,3-Butadiene. <i>ACS Catalysis</i> , 2015, 5, 2735-2739.	11.2	79
49	Revisiting the Au Particle Size Effect on TiO <sub>2</sub> -Coated Au/TiO <sub>2</sub> Catalysts in CO Oxidation Reaction. <i>Journal of Physical Chemistry C</i> , 2016, 120, 9174-9183.	3.1	76
50	Nano/Subnanometer Pd Nanoparticles on Oxide Supports Synthesized by AB-type and Low-Temperature ABC-type Atomic Layer Deposition: Growth and Morphology. <i>Langmuir</i> , 2010, 26, 16486-16495.	3.5	73
51	Boosting selective oxidation of cyclohexane over a metal-organic framework by hydrophobicity engineering of pore walls. <i>Chemical Communications</i> , 2017, 53, 10026-10029.	4.1	71
52	Understanding the underlying mechanism of improved selectivity in Pd single-atom catalyzed hydrogenation reaction. <i>Journal of Catalysis</i> , 2018, 366, 70-79.	6.2	70
53	Adsorbate-Induced Structural Changes in 1-3 nm Platinum Nanoparticles. <i>Journal of the American Chemical Society</i> , 2014, 136, 9320-9326.	13.7	69
54	A Review on Particle Size Effect in Metal-Catalyzed Heterogeneous Reactions. <i>Chinese Journal of Chemistry</i> , 2020, 38, 1422-1444.	4.9	69

#	ARTICLE	IF	CITATIONS
55	First-Principles Predictions and <i>in Situ</i> Experimental Validation of Alumina Atomic Layer Deposition on Metal Surfaces. <i>Chemistry of Materials</i> , 2014, 26, 6752-6761.	6.7	68
56	Precisely Applying TiO <sub>2</sub> Overcoat on Supported Au Catalysts Using Atomic Layer Deposition for Understanding the Reaction Mechanism and Improved Activity in CO Oxidation. <i>Journal of Physical Chemistry C</i> , 2016, 120, 478-486.	3.1	66
57	Synthesis of Na-Stabilized Nonporous t-ZrO <sub>2</sub> Supports and Pt/t-ZrO <sub>2</sub> Catalysts and Application to Water-Gas-Shift Reaction. <i>ACS Catalysis</i> , 2013, 3, 61-73.	11.2	63
58	Toward Understanding of the Support Effect on Pd <sub>1</sub> Single-Atom-Catalyzed Hydrogenation Reactions. <i>Journal of Physical Chemistry C</i> , 2019, 123, 7922-7930.	3.1	63
59	Effect of Reactor Materials on the Properties of Titanium Oxide Nanotubes. <i>ACS Catalysis</i> , 2012, 2, 45-49.	11.2	62
60	Zero-Valent Palladium Single-Atoms Catalysts Confined in Black Phosphorus for Efficient Semi-Hydrogenation. <i>Advanced Materials</i> , 2021, 33, e2008471.	21.0	55
61	Integration of Bimetallic Electronic Synergy with Oxide Site Isolation Improves the Selective Hydrogenation of Acetylene. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19324-19330.	13.8	50
62	Selective Analysis of Molecular States by Functionalized Scanning Tunneling Microscopy Tips. <i>Physical Review Letters</i> , 2006, 96, 156102.	7.8	44
63	Palladium Nanoparticle Formation on TiO <sub>2</sub> (110) by Thermal Decomposition of Palladium(II) Hexafluoroacetylacetonate. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 14702-14711.	8.0	42
64	Atomic-Level Insight into Optimizing the Hydrogen Evolution Pathway over a Co <sub>1</sub> N <sub>4</sub> Single-Site Photocatalyst. <i>Angewandte Chemie</i> , 2017, 129, 12359-12364.	2.0	36
65	Displacement of Hexanol by the Hexanoic Acid Overoxidation Product in Alcohol Oxidation on a Model Supported Palladium Nanoparticle Catalyst. <i>Journal of the American Chemical Society</i> , 2011, 133, 17816-17823.	13.7	35
66	In Situ Spectroscopic Characterization and Theoretical Calculations Identify Partially Reduced ZnO <sub>1-x</sub> /Cu Interfaces for Methanol Synthesis from CO <sub>2</sub> . <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	34
67	Low Temperature ABC-Type Ru Atomic Layer Deposition through Consecutive Dissociative Chemisorption, Combustion, and Reduction Steps. <i>Chemistry of Materials</i> , 2015, 27, 4950-4956.	6.7	32
68	Support-Induced unusual size dependence of Pd catalysts in chemoselective hydrogenation of para-chloronitrobenzene. <i>Journal of Catalysis</i> , 2021, 400, 173-183.	6.2	32
69	Resolving Precursor Deligation, Surface Species Evolution, and Nanoparticle Nucleation during Palladium Atomic Layer Deposition. <i>Journal of Physical Chemistry C</i> , 2013, 117, 11141-11148.	3.1	30
70	A Perspective on New Opportunities in Atom-by-Atom Synthesis of Heterogeneous Catalysts Using Atomic Layer Deposition. <i>Catalysis Letters</i> , 2021, 151, 1535-1545.	2.6	30
71	Tuning the Photoresponse of Nano-Heterojunction: Pressure-Induced Inverse Photoconductance in Functionalized WO <sub>3</sub> Nanocuboids. <i>Advanced Science</i> , 2019, 6, 1901132.	11.2	28
72	Atomic Lego Catalysts Synthesized by Atomic Layer Deposition. <i>Accounts of Materials Research</i> , 2022, 3, 358-368.	11.7	28

#	ARTICLE	IF	CITATIONS
73	Four-probe scanning tunnelling microscope with atomic resolution for electrical and electro-optical property measurements of nanosystems. Chinese Physics B, 2005, 14, 1536-1543.	1.3	27
74	Interplay between theory and experiment in the quest for silica with reduced dimensionality grown on a Mo(112) surface. Chemical Physics Letters, 2006, 424, 115-119.	2.6	27
75	Using Pd as a Cocatalyst on GaNâ€“ZnO Solid Solution for Visible-Light-Driven Overall Water Splitting. Catalysis Letters, 2018, 148, 933-939.	2.6	26
76	Atomic Layer Deposition: A Gas Phase Route to Bottom-up Precise Synthesis of Heterogeneous Catalyst. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2018, 34, 1334-1357.	4.9	26
77	Oxidative dehydrogenation of ethane over alumina-supported Pd catalysts. Effect of alumina overlayer. Journal of Catalysis, 2013, 297, 289-295.	6.2	25
78	Atomic-scale engineering of metalâ€“oxide interfaces for advanced catalysis using atomic layer deposition. Catalysis Science and Technology, 2020, 10, 2695-2710.	4.1	25
79	Effects of Chlorine in Titanium Oxide on Palladium Atomic Layer Deposition. Journal of Physical Chemistry C, 2014, 118, 22611-22619.	3.1	24
80	Effects of the morphology and heteroatom doping of CeO <sub>2</sub> support on the hydrogenation activity of Pt single-atoms. Catalysis Science and Technology, 2021, 11, 2844-2851.	4.1	23
81	Atomic-scale cation dynamics in a monolayer VO <sub>X</sub> /±Fe <sub>2</sub> O <sub>3</sub> catalyst. RSC Advances, 2015, 5, 103834-103840.	3.6	22
82	Tuning the Interaction between Ruthenium Single Atoms and the Second Coordination Sphere for Efficient Nitrogen Photofixation. Advanced Functional Materials, 2022, 32, . <a href="#">Pressure-Induced structural evaluation and insulator-metal transition in the mixed spinel ferrite</a>	14.9	22
83	$Zn_{0.2}Mg_{0.8}O$	3.2	21
84	Epitaxial Stabilization of Face Selective Catalysts. Topics in Catalysis, 2013, 56, 1829-1834. <a href="#">Pressure-Induced structural and semiconductor-semiconductor transitions in</a>	2.8	20
85	$C_{0.5}O_{0.5}Mg$	3.2	20
86	Formation of one-dimensional crystalline silica on a metal substrate. Surface Science, 2006, 600, L164-L168.	1.9	19
87	Catalysts Transform While Molecules React: An Atomic-Scale View. Journal of Physical Chemistry Letters, 2013, 4, 285-291.	4.6	19
88	Size-dependent strong metalâ€“support interaction in Pd/ZnO catalysts for hydrogenation of CO <sub>2</sub> to methanol. Catalysis Science and Technology, 2021, 11, 4398-4405.	4.1	19
89	Low temperature CO induced growth of Pd supported on a monolayer silica film. Surface Science, 2006, 600, L153-L157.	1.9	18
90	Atomic layer deposition on Pd nanocrystals for forming Pd-TiO <sub>2</sub> interface toward enhanced CO oxidation. Progress in Natural Science: Materials International, 2016, 26, 289-294.	4.4	18

#	ARTICLE	IF	CITATIONS
91	Acidic alumina overcoating on platinum nanoparticles: Close metal–acid proximity enhances bifunctionality for glycerol hydrogenolysis. <i>Chinese Journal of Catalysis</i> , 2017, 38, 1237-1244.	14.0	18
92	Precise Tailoring of Ir-FeO <sub>x</sub> Interfaces for Improved Catalytic Performance in Preferential Oxidation of Carbon Monoxide in Hydrogen. <i>Journal of Physical Chemistry C</i> , 2019, 123, 29262-29270.	3.1	17
93	In situ XANES study of methanol decomposition and partial oxidation to syn-gas over supported Pt catalyst on SrTiO <sub>3</sub> nanocubes. <i>Catalysis Today</i> , 2014, 237, 71-79.	4.4	16
94	Coating Pd/Al <sub>2</sub> O <sub>3</sub> catalysts with FeO <sub>x</sub> enhances both activity and selectivity in 1,3-butadiene hydrogenation. <i>Chinese Journal of Catalysis</i> , 2017, 38, 1581-1587.	14.0	16
95	Exploring the phase transformation in ZnO/Cu(111) model catalysts in CO <sub>2</sub> hydrogenation. <i>Journal of Energy Chemistry</i> , 2021, 60, 150-155.	12.9	16
96	Synergistic construction of bifunctional and stable Pt/HZSM-5-based catalysts for efficient catalytic cracking of <i>n</i> -butane. <i>Nanoscale</i> , 2021, 13, 5103-5114.	5.6	14
97	Manipulation and four-probe analysis of nanowires in UHV by application of four tunneling microscope tips: a new method for the investigation of electrical transport through nanowires. <i>Surface and Interface Analysis</i> , 2006, 38, 1096-1102.	1.8	11
98	Synthesis of Quasi-Bilayer Subnano Metal–Oxide Interfacial Cluster Catalysts for Advanced Catalysis. <i>Small</i> , 2020, 16, e2005571.	10.0	10
99	Well-Defined Nanostructures for Catalysis by Atomic Layer Deposition. <i>Studies in Surface Science and Catalysis</i> , 2017, 177, 643-676.	1.5	9
100	Inverse single-site Fe(OH)X/Pt(111) model catalyst for preferential oxidation of CO in H <sub>2</sub> . <i>Nano Research</i> , 2022, 15, 709-715.	10.4	9
101	Waterproof surface passivation of K <sub>2</sub> GeF <sub>6</sub> :Mn <sup>4+</sup> by a dense Al <sub>2</sub> O <sub>3</sub> layer via atomic layer deposition. <i>Journal of Materials Chemistry C</i> , 2022, 10, 9867-9874.	5.5	8
102	STRUCTURE, THERMAL STABILITY, AND CO ADSORPTION PROPERTIES OF PD NANOPARTICLES SUPPORTED ON AN ULTRA-THIN SiO <sub>2</sub> FILM. <i>Surface Review and Letters</i> , 2007, 14, 927-934.	1.1	7
103	Redox-driven atomic-scale changes in mixed catalysts: VOX/WOX/±TiO <sub>2</sub> (110). <i>RSC Advances</i> , 2014, 4, 64608-64616.	3.6	7
104	Synthesis of palladium nanoparticles on TiO <sub>2</sub> (110) using a beta-diketonate precursor. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 6470-6477.	2.8	7
105	In Situ Spectroscopic Characterization and Theoretical Calculations Identify Partially Reduced ZnO <sub>1-x</sub> /Cu Interfaces for Methanol Synthesis from CO <sub>2</sub> . <i>Angewandte Chemie</i> , 2022, 134, .	2.0	6
106	Carbon Nanostructures: Covalently Connected Carbon Nanostructures for Current Collectors in Both the Cathode and Anode of Li–S Batteries (Adv. Mater. 41/2016). <i>Advanced Materials</i> , 2016, 28, 9016-9016.	21.0	5
107	The mechanistic effect over the substrate in a square type atomic layer deposition reactor. <i>International Journal of Modern Physics B</i> , 2019, 33, 1940018.	2.0	5
108	Atomic Layer Deposition of Noble Metals – New Developments in Nanostructured Catalysts. , 2012, , .		4



#	ARTICLE	IF	CITATIONS
109	Interfacial Proton Transfer for Hydrogen Evolution at the Sub-Nanometric Platinum/Electrolyte Interface. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 47252-47261.	8.0	4
110	FeOx Coating on Pd/C Catalyst by Atomic Layer Deposition Enhances the Catalytic Activity in Dehydrogenation of Formic Acid. <i>Chinese Journal of Chemical Physics</i> , 2017, 30, 319-324.	1.3	3
111	Integration of Bimetallic Electronic Synergy with Oxide Site Isolation Improves the Selective Hydrogenation of Acetylene. <i>Angewandte Chemie</i> , 2021, 133, 19473-19479.	2.0	3
112	Ultra-thin nickel oxide overcoating of noble metal catalysts for directing selective hydrogenation of nitriles to secondary amines. <i>Catalysis Today</i> , 2023, 410, 253-263.	4.4	3
113	Sub-nanometer-thick Al <sub>2</sub> O <sub>3</sub> Overcoat Remarkably Enhancing Thermal Stability of Supported Gold Catalysts. <i>Chinese Journal of Chemical Physics</i> , 2016, 29, 571-577.	1.3	2
114	Stabilization of Copper Catalysts for Liquid-Phase Reactions by Atomic Layer Deposition ( <i>Angew. Chem.</i> 51/2013). <i>Angewandte Chemie</i> , 2013, 125, 14068-14068.	2.0	1
115	Tuning the Interaction between Ruthenium Single Atoms and the Second Coordination Sphere for Efficient Nitrogen Photofixation ( <i>Adv. Funct. Mater.</i> 12/2022). <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	0