

# Matteo Cargnello

## List of Publications by Year in descending order

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123  
papers

11,887  
citations

41258

49  
h-index

27345

106  
g-index

129  
all docs

129  
docs citations

129  
times ranked

14356  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfur-treated TiO <sub>2</sub> shows improved alcohol dehydration activity and selectivity. <i>Nanoscale</i> , 2022, 14, 2848-2858.	2.8	3
2	Colloidal Platinum-Copper Nanocrystal Alloy Catalysts Surpass Platinum in Low-Temperature Propene Combustion. <i>Journal of the American Chemical Society</i> , 2022, 144, 1612-1621.	6.6	24
3	Microkinetic Modeling of Propene Combustion on a Stepped, Metallic Palladium Surface and the Importance of Oxygen Coverage. <i>ACS Catalysis</i> , 2022, 12, 1742-1757.	5.5	13
4	Steering CO <sub>2</sub> hydrogenation toward C-C coupling to hydrocarbons using porous organic polymer/metal interfaces. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	13
5	Recycling of Solvent Allows for Multiple Rounds of Reproducible Nanoparticle Synthesis. <i>Journal of the American Chemical Society</i> , 2022, 144, 11646-11655.	6.6	8
6	Size-controlled nanocrystals reveal spatial dependence and severity of nanoparticle coalescence and Ostwald ripening in sintering phenomena. <i>Nanoscale</i> , 2021, 13, 930-938.	2.8	24
7	A General Approach for Monolayer Adsorption of High Weight Loadings of Uniform Nanocrystals on Oxide Supports. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7971-7979.	7.2	6
8	A General Approach for Monolayer Adsorption of High Weight Loadings of Uniform Nanocrystals on Oxide Supports. <i>Angewandte Chemie</i> , 2021, 133, 8050-8058.	1.6	2
9	Rationalizing an Unexpected Structure Sensitivity in Heterogeneous Catalysis-CO Hydrogenation over Rh as a Case Study. <i>ACS Catalysis</i> , 2021, 11, 5189-5201.	5.5	20
10	Support Acidity Improves Pt Activity in Propane Combustion in the Presence of Steam by Reducing Water Coverage on the Active Sites. <i>ACS Catalysis</i> , 2021, 11, 6672-6683.	5.5	19
11	Monolayer Support Control and Precise Colloidal Nanocrystals Demonstrate Metal-Support Interactions in Heterogeneous Catalysts. <i>Advanced Materials</i> , 2021, 33, e2104533.	11.1	13
12	Insights and comparison of structure-property relationships in propane and propene catalytic combustion on Pd- and Pt-based catalysts. <i>Journal of Catalysis</i> , 2021, 401, 89-101.	3.1	24
13	Atmospheric methane removal: a research agenda. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20200454.	1.6	44
14	Steam-created grain boundaries for methane C-H activation in palladium catalysts. <i>Science</i> , 2021, 373, 1518-1523.	6.0	105
15	Voltage cycling process for the electroconversion of biomass-derived polyols. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	14
16	Insight into restructuring of Pd-Au nanoparticles using EXAFS. <i>Radiation Physics and Chemistry</i> , 2020, 175, 108304.	1.4	9
17	A Combined Theory-Experiment Analysis of the Surface Species in Lithium-Mediated NH <sub>3</sub> Electrolysis. <i>ChemElectroChem</i> , 2020, 7, 1542-1549.	1.7	67
18	Dilute Pd/Au Alloys Replace Au/TiO <sub>2</sub> Interface for Selective Oxidation Reactions. <i>ACS Catalysis</i> , 2020, 10, 1716-1720.	5.5	14

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19	Local Structural Distortions and Failure of the Surface-Stress “Core-Shell” Model in Brookite Titania Nanorods. <i>Chemistry of Materials</i> , 2020, 32, 286-298.	3.2	5
20	Readily Constructed Glass Piston Pump for Gas Recirculation. <i>ACS Omega</i> , 2020, 5, 16455-16459.	1.6	5
21	A phytophotonic approach to enhanced photosynthesis. <i>Energy and Environmental Science</i> , 2020, 13, 4794-4807.	15.6	5
22	Dynamics of Copper-Containing Porous Organic Framework Catalysts Reveal Catalytic Behavior Controlled by the Polymer Structure. <i>ACS Catalysis</i> , 2020, 10, 9356-9365.	5.5	6
23	Nanoscale Spatial Distribution of Supported Nanoparticles Controls Activity and Stability in Powder Catalysts for CO Oxidation and Photocatalytic H <sub>2</sub> Evolution. <i>Journal of the American Chemical Society</i> , 2020, 142, 14481-14494.	6.6	25
24	Design of Organic/Inorganic Hybrid Catalysts for Energy and Environmental Applications. <i>ACS Central Science</i> , 2020, 6, 1916-1937.	5.3	38
25	Reducing instability in dispersed powder photocatalysis derived from variable dispersion, metallic co-catalyst morphology, and light fluctuations. <i>Journal of Photochemistry and Photobiology</i> , 2020, 2, 100004.	1.1	4
26	Quantitative 3D Characterization of Novel Polymer-nanocrystal Hybrid Catalysts by Electron Tomography. <i>Microscopy and Microanalysis</i> , 2020, 26, 1136-1137.	0.2	0
27	Chemically Controllable Porous Polymer-Nanocrystal Composites with Hierarchical Arrangement Show Substrate Transport Selectivity. <i>Chemistry of Materials</i> , 2020, 32, 5904-5915.	3.2	3
28	Revealing the structure of a catalytic combustion active-site ensemble combining uniform nanocrystal catalysts and theory insights. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 14721-14729.	3.3	16
29	Formic acid oxidation boosted by Rh single atoms. <i>Nature Nanotechnology</i> , 2020, 15, 346-347.	15.6	10
30	Enhanced Catalytic Activity for Methane Combustion through <i>in Situ</i> Water Sorption. <i>ACS Catalysis</i> , 2020, 10, 8157-8167.	5.5	55
31	Nanoparticle diffusion during gelation of tetra poly(ethylene glycol) provides insight into nanoscale structural evolution. <i>Soft Matter</i> , 2020, 16, 2256-2265.	1.2	12
32	Electrolyte Engineering for Efficient Electrochemical Nitrate Reduction to Ammonia on a Titanium Electrode. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 2672-2681.	3.2	217
33	Determining number of sites on ceria stabilizing single atoms via metal nanoparticle redispersion. <i>Chinese Journal of Catalysis</i> , 2020, 41, 998-1005.	6.9	8
34	A Combined Theory-Experiment Analysis of the Surface Species in Lithium-Mediated NH <sub>3</sub> Electrosynthesis. <i>ChemElectroChem</i> , 2020, 7, 1513-1513.	1.7	2
35	Reply to: Practical constraints on atmospheric methane removal. <i>Nature Sustainability</i> , 2020, 3, 358-359.	11.5	3
36	Investigation of the optical properties of uniform platinum, palladium, and nickel nanocrystals enables direct measurements of their concentrations in solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 601, 125007.	2.3	6

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37	Catalyst deactivation via decomposition into single atoms and the role of metal loading. <i>Nature Catalysis</i> , 2019, 2, 748-755.	16.1	171
38	Transition state and product diffusion control by polymer-iron nanocrystal hybrid catalysts. <i>Nature Catalysis</i> , 2019, 2, 852-863.	16.1	64
39	Strategies toward Selective Electrochemical Ammonia Synthesis. <i>ACS Catalysis</i> , 2019, 9, 8316-8324.	5.5	145
40	Block-Co-polymer-Assisted Synthesis of All Inorganic Highly Porous Heterostructures with Highly Accessible Thermally Stable Functional Centers. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 30154-30162.	4.0	22
41	Engineering of Ruthenium-Iron Oxide Colloidal Heterostructures: Improved Yields in CO <sub>2</sub> Hydrogenation to Hydrocarbons. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17451-17457.	7.2	49
42	Engineering of Ruthenium-Iron Oxide Colloidal Heterostructures: Improved Yields in CO <sub>2</sub> Hydrogenation to Hydrocarbons. <i>Angewandte Chemie</i> , 2019, 131, 17612-17618.	1.6	7
43	Palladium oxidation leads to methane combustion activity: Effects of particle size and alloying with platinum. <i>Journal of Chemical Physics</i> , 2019, 151, 154703.	1.2	30
44	A rigorous electrochemical ammonia synthesis protocol with quantitative isotope measurements. <i>Nature</i> , 2019, 570, 504-508.	13.7	1,006
45	A Versatile Method for Ammonia Detection in a Range of Relevant Electrolytes via Direct Nuclear Magnetic Resonance Techniques. <i>ACS Catalysis</i> , 2019, 9, 5797-5802.	5.5	97
46	General Self-Assembly Method for Deposition of Graphene Oxide into Uniform Close-Packed Monolayer Films. <i>Langmuir</i> , 2019, 35, 4460-4470.	1.6	10
47	Modular Pd/Zeolite Composites Demonstrating the Key Role of Support Hydrophobic/Hydrophilic Character in Methane Catalytic Combustion. <i>ACS Catalysis</i> , 2019, 9, 4742-4753.	5.5	97
48	Artificial inflation of apparent photocatalytic activity induced by catalyst-mass-normalization and a method to fairly compare heterojunction systems. <i>Energy and Environmental Science</i> , 2019, 12, 1657-1667.	15.6	23
49	Colloidal nanocrystals for heterogeneous catalysis. <i>Nano Today</i> , 2019, 24, 15-47.	6.2	98
50	Colloidal Nanocrystals as Building Blocks for Well-Defined Heterogeneous Catalysts. <i>Chemistry of Materials</i> , 2019, 31, 576-596.	3.2	80
51	Probing Atomic Distributions in Mono- and Bimetallic Nanoparticles by Supervised Machine Learning. <i>Nano Letters</i> , 2019, 19, 520-529.	4.5	80
52	Synthesis, Characterization, and Light-Induced Spatial Charge Separation in Janus Graphene Oxide. <i>Chemistry of Materials</i> , 2018, 30, 2084-2092.	3.2	15
53	Tuning Precursor Reactivity toward Nanometer-Size Control in Palladium Nanoparticles Studied by in Situ Small Angle X-ray Scattering. <i>Chemistry of Materials</i> , 2018, 30, 1127-1135.	3.2	43
54	Formic Acid Dehydrogenation: Phosphides Strike Again. <i>Joule</i> , 2018, 2, 379-380.	11.7	4

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55	Low-Temperature Restructuring of CeO <sub>2</sub> -Supported Ru Nanoparticles Determines Selectivity in CO <sub>2</sub> Catalytic Reduction. <i>Journal of the American Chemical Society</i> , 2018, 140, 13736-13745.	6.6	210
56	Synthesis of Colloidal Pd/Au Dilute Alloy Nanocrystals and Their Potential for Selective Catalytic Oxidations. <i>Journal of the American Chemical Society</i> , 2018, 140, 12930-12939.	6.6	92
57	<i>In Situ</i> X-ray Scattering Guides the Synthesis of Uniform PtSn Nanocrystals. <i>Nano Letters</i> , 2018, 18, 4053-4057.	4.5	43
58	Understanding the preferential oxidation of carbon monoxide (PrOx) using size-controlled Au nanocrystal catalyst. <i>AIChE Journal</i> , 2018, 64, 3159-3167.	1.8	20
59	Photocatalytic Hydrogen Evolution from Substoichiometric Colloidal WO <sub>3</sub> Nanowires. <i>ACS Energy Letters</i> , 2018, 3, 1904-1910.	8.8	145
60	Deconvoluting Transient Water Effects on the Activity of Pd Methane Combustion Catalysts. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 10261-10268.	1.8	40
61	Langmuir-Blodgett Deposition of Graphene Oxide—Identifying Marangoni Flow as a Process that Fundamentally Limits Deposition Control. <i>Langmuir</i> , 2018, 34, 9683-9691.	1.6	18
62	Low-Temperature Methane Partial Oxidation to Syngas with Modular Nanocrystal Catalysts. <i>ACS Applied Nano Materials</i> , 2018, 1, 5258-5267.	2.4	16
63	Hierarchical Materials Design by Pattern Transfer Printing of Self-Assembled Binary Nanocrystal Superlattices. <i>Nano Letters</i> , 2017, 17, 1387-1394.	4.5	40
64	Engineering Localized Surface Plasmon Interactions in Gold by Silicon Nanowire for Enhanced Heating and Photocatalysis. <i>Nano Letters</i> , 2017, 17, 1839-1845.	4.5	50
65	Uniform Pt/Pd Bimetallic Nanocrystals Demonstrate Platinum Effect on Palladium Methane Combustion Activity and Stability. <i>ACS Catalysis</i> , 2017, 7, 4372-4380.	5.5	124
66	Electrochemical Ammonia Synthesis—The Selectivity Challenge. <i>ACS Catalysis</i> , 2017, 7, 706-709.	5.5	689
67	Systematic Structure-Property Relationship Studies in Palladium-Catalyzed Methane Complete Combustion. <i>ACS Catalysis</i> , 2017, 7, 7810-7821.	5.5	151
68	Mechanistic Understanding and the Rational Design of Sinter-Resistant Heterogeneous Catalysts. <i>ACS Catalysis</i> , 2017, 7, 7156-7173.	5.5	214
69	High-temperature crystallization of nanocrystals into three-dimensional superlattices. <i>Nature</i> , 2017, 548, 197-201.	13.7	101
70	Nanorod Mobility Influences Polymer Diffusion in Polymer Nanocomposites. <i>ACS Macro Letters</i> , 2017, 6, 869-874.	2.3	10
71	Systematic Identification of Promoters for Methane Oxidation Catalysts Using Size- and Composition-Controlled Pd-Based Bimetallic Nanocrystals. <i>Journal of the American Chemical Society</i> , 2017, 139, 11989-11997.	6.6	109
72	Opportunities and Challenges in the Synthesis, Characterization, and Catalytic Properties of Controlled Nanostructures. <i>Studies in Surface Science and Catalysis</i> , 2017, 177, 1-56.	1.5	1

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73	Ammonia synthesis from N <sub>2</sub> and H <sub>2</sub> O using a lithium cycling electrification strategy at atmospheric pressure. <i>Energy and Environmental Science</i> , 2017, 10, 1621-1630.	15.6	342
74	Engineering uniform nanocrystals: Mechanism of formation and self-assembly into bimetallic nanocrystal superlattices. <i>AIChE Journal</i> , 2016, 62, 392-398.	1.8	20
75	Co-axial heterostructures integrating palladium/titanium dioxide with carbon nanotubes for efficient electrocatalytic hydrogen evolution. <i>Nature Communications</i> , 2016, 7, 13549.	5.8	98
76	Elucidating the synergistic mechanism of nickel-molybdenum electrocatalysts for the hydrogen evolution reaction. <i>MRS Communications</i> , 2016, 6, 241-246.	0.8	16
77	Engineering titania nanostructure to tune and improve its photocatalytic activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3966-3971.	3.3	106
78	Revealing particle growth mechanisms by combining high-surface-area catalysts made with monodisperse particles and electron microscopy conducted at atmospheric pressure. <i>Journal of Catalysis</i> , 2016, 337, 240-247.	3.1	36
79	Polycatenar Ligand Control of the Synthesis and Self-Assembly of Colloidal Nanocrystals. <i>Journal of the American Chemical Society</i> , 2016, 138, 10508-10515.	6.6	22
80	Shape-dependence of the thermal and photochemical reactions of methanol on nanocrystalline anatase TiO <sub>2</sub> . <i>Surface Science</i> , 2016, 654, 1-7.	0.8	24
81	Dynamical Observation and Detailed Description of Catalysts under Strong Metal-Support Interaction. <i>Nano Letters</i> , 2016, 16, 4528-4534.	4.5	230
82	In-situ Study of Coarsening Mechanisms of Supported Metal Particles in Reducing Gas. <i>Microscopy and Microanalysis</i> , 2015, 21, 643-644.	0.2	0
83	A comparison of hierarchical Pt@CeO <sub>2</sub> /SiO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> and Pd@CeO <sub>2</sub> /SiO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> . <i>Catalysis Today</i> , 2015, 253, 137-141.	2.2	7
84	Synergistic Oxygen Evolving Activity of a TiO <sub>2</sub> -Rich Reconstructed SrTiO <sub>3</sub> (001) Surface. <i>Journal of the American Chemical Society</i> , 2015, 137, 2939-2947.	6.6	58
85	Dynamic structural evolution of supported palladium-ceria core-shell catalysts revealed by in situ electron microscopy. <i>Nature Communications</i> , 2015, 6, 7778.	5.8	105
86	Thermal and photochemical reactions of methanol on nanocrystalline anatase TiO <sub>2</sub> thin films. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 17190-17201.	1.3	24
87	Structure, morphology and catalytic properties of pure and alloyed Au-ZnO hierarchical nanostructures. <i>RSC Advances</i> , 2015, 5, 41920-41922.	1.7	5
88	Efficient Removal of Organic Ligands from Supported Nanocrystals by Fast Thermal Annealing Enables Catalytic Studies on Well-Defined Active Phases. <i>Journal of the American Chemical Society</i> , 2015, 137, 6906-6911.	6.6	208
89	Uniform Bimetallic Nanocrystals by High-Temperature Seed-Mediated Colloidal Synthesis and Their Catalytic Properties for Semiconducting Nanowire Growth. <i>Chemistry of Materials</i> , 2015, 27, 5833-5838.	3.2	27
90	Dendron-Mediated Engineering of Interparticle Separation and Self-Assembly in Dendronized Gold Nanoparticles Superlattices. <i>Journal of the American Chemical Society</i> , 2015, 137, 10728-10734.	6.6	51

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91	Fast Nanorod Diffusion through Entangled Polymer Melts. ACS Macro Letters, 2015, 4, 952-956.	2.3	39
92	Substitutional doping in nanocrystal superlattices. Nature, 2015, 524, 450-453.	13.7	174
93	Quantifying "Softness" of Organic Coatings on Gold Nanoparticles Using Correlated Small-Angle X-ray and Neutron Scattering. Nano Letters, 2015, 15, 8008-8012.	4.5	47
94	A Model to Determine the Chemical Expansion in Non-Stoichiometric Oxides Based on the Elastic Force Dipole. Journal of the Electrochemical Society, 2014, 161, F3060-F3064.	1.3	9
95	X-ray Mapping of Nanoparticle Superlattice Thin Films. ACS Nano, 2014, 8, 12843-12850.	7.3	19
96	Tailoring photocatalytic nanostructures for sustainable hydrogen production. Nanoscale, 2014, 6, 97-105.	2.8	30
97	Enhanced Energy Transfer in Quasi-Quaternary Nanocrystal Superlattices. Advanced Materials, 2014, 26, 2419-2423.	11.1	26
98	Au@TiO <sub>2</sub> Core-Shell Nanostructures with High Thermal Stability. Catalysis Letters, 2014, 144, 1939-1945.	1.4	14
99	Supported platinum-zinc oxide core-shell nanoparticle catalysts for methanol steam reforming. Journal of Materials Chemistry A, 2014, 2, 19509-19514.	5.2	31
100	Solution-Phase Synthesis of Titanium Dioxide Nanoparticles and Nanocrystals. Chemical Reviews, 2014, 114, 9319-9345.	23.0	343
101	Methane Oxidation on Pd@ZrO <sub>2</sub> /SiO <sub>2</sub> Is Enhanced by Surface Reduction of ZrO <sub>2</sub> . ACS Catalysis, 2014, 4, 3902-3909.	5.5	119
102	Synthesis and Stability of Pd@CeO <sub>2</sub> Core-Shell Catalyst Films in Solid Oxide Fuel Cell Anodes. ACS Catalysis, 2013, 3, 1801-1809.	5.5	96
103	CORE-SHELL-TYPE MATERIALS BASED ON CERIA. Catalytic Science Series, 2013, , 361-396.	0.6	1
104	High-temperature calcination improves the catalytic properties of alumina-supported Pd@ceria prepared by self assembly. Journal of Catalysis, 2013, 306, 109-115.	3.1	33
105	Control of Metal Nanocrystal Size Reveals Metal-Support Interface Role for Ceria Catalysts. Science, 2013, 341, 771-773.	6.0	1,142
106	Alcohol induced ultra-fine dispersion of Pt on tuned morphologies of CeO <sub>2</sub> for CO oxidation. Applied Catalysis B: Environmental, 2013, 130-131, 121-131.	10.8	49
107	Playing with Structures at the Nanoscale: Designing Catalysts by Manipulation of Clusters and Nanocrystals as Building Blocks. ChemPhysChem, 2013, 14, 3869-3877.	1.0	25
108	Exceptional Thermal Stability of Pd@CeO <sub>2</sub> Core-Shell Catalyst Nanostructures Grafted onto an Oxide Surface. Nano Letters, 2013, 13, 2252-2257.	4.5	106

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109	Heterogeneous Catalysts Need Not Be so "Heterogeneous" Monodisperse Pt Nanocrystals by Combining Shape-Controlled Synthesis and Purification by Colloidal Recrystallization. <i>Journal of the American Chemical Society</i> , 2013, 135, 2741-2747.	6.6	105
110	A Versatile Route to Core-Shell Catalysts: Synthesis of Dispersible M@Oxide (M=Pd, Pt;). <i>Journal of the American Chemical Society</i> , 2012, 134, 140-148.	3.6	74
111	Exceptional Activity for Methane Combustion over Modular Pd@CeO <sub>2</sub> Subunits on Functionalized Al <sub>2</sub> O <sub>3</sub> . <i>Science</i> , 2012, 337, 713-717.	6.0	842
112	Opportunities for Tailoring Catalytic Properties Through Metal-Support Interactions. <i>Catalysis Letters</i> , 2012, 142, 1043-1048.	1.4	55
113	Multiwalled Carbon Nanotubes Drive the Activity of Metal@oxide Core-Shell Catalysts in Modular Nanocomposites. <i>Journal of the American Chemical Society</i> , 2012, 134, 11760-11766.	6.6	107
114	Nonaqueous Synthesis of TiO <sub>2</sub> Nanocrystals Using TiF <sub>4</sub> to Engineer Morphology, Oxygen Vacancy Concentration, and Photocatalytic Activity. <i>Journal of the American Chemical Society</i> , 2012, 134, 6751-6761.	6.6	854
115	Study of the Water-Gas-Shift Reaction on Pd@CeO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> Core-Shell Catalysts. <i>Journal of Physical Chemistry C</i> , 2011, 115, 915-919.	1.5	66
116	A Versatile Approach to the Synthesis of Functionalized Thiol-Protected Palladium Nanoparticles. <i>Chemistry of Materials</i> , 2011, 23, 3961-3969.	3.2	94
117	Photocatalytic H <sub>2</sub> and Added-Value By-Products " The Role of Metal Oxide Systems in Their Synthesis from Oxygenates. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 4309-4323.	1.0	134
118	Highly Active and Thermally Stable Core-Shell Catalysts for Solid Oxide Fuel Cells. <i>Journal of the Electrochemical Society</i> , 2011, 158, B596.	1.3	48
119	Embedded Phases: A Way to Active and Stable Catalysts. <i>ChemSusChem</i> , 2010, 3, 24-42.	3.6	240
120	Synthesis of Dispersible Pd@CeO <sub>2</sub> Core-Shell Nanostructures by Self-Assembly. <i>Journal of the American Chemical Society</i> , 2010, 132, 1402-1409.	6.6	214
121	Active and Stable Embedded Au@CeO <sub>2</sub> Catalysts for Preferential Oxidation of CO. <i>Chemistry of Materials</i> , 2010, 22, 4335-4345.	3.2	87
122	Novel embedded Pd@CeO <sub>2</sub> catalysts: a way to active and stable catalysts. <i>Dalton Transactions</i> , 2010, 39, 2122-2127.	1.6	80
123	CuO <i>x</i> /TiO <sub>2</sub> Photocatalysts for H <sub>2</sub> Production from Ethanol and Glycerol Solutions. <i>Journal of Physical Chemistry A</i> , 2010, 114, 3916-3925.	1.1	239