Xing Yi Ling

List of Publications by Year in Descending Order

127 papers	7,624 citations	44 h-index	85 g-index
132 ext. papers	9,121 ext. citations	10.4 avg, IF	6.02 L-index

#	Paper	IF	Citations
127	Noninvasive and Point-of-Care Surface-Enhanced Raman Scattering (SERS)-Based Breathalyzer for Mass Screening of Coronavirus Disease 2019 (COVID-19) under 5 min.. *ACS Nano*, **2022**,	16.7	11
126	Nanoplasmonic materials for surface-enhanced Raman scattering **2022**, 33-79		1
125	Tunable Plasmonic Metacrystals: Self-assembly, Plasmonic Properties, and Applications in Surface-enhanced Raman Scattering **2022**, 175-232		
124	Surface-Enhanced Raman Scattering (SERS) Taster: A Machine-Learning-Driven Multireceptor Platform for Multiplex Profiling of Wine Flavors. *Nano Letters*, **2021**, 21, 2642-2649	11.5	19
123	Plasmonic Nanoparticle-Metal□Organic Framework (NP□MOF) Nanohybrid Platforms for Emerging Plasmonic Applications **2021**, 3, 557-573		9
122	Intensifying Heat Using MOF-Isolated Graphene for Solar-Driven Seawater Desalination at 98% Solar-to-Thermal Efficiency. *Advanced Functional Materials*, **2021**, 31, 2008904	15.6	23
121	Enantiospecific Molecular Fingerprinting Using Potential-Modulated Surface-Enhanced Raman Scattering to Achieve Label-Free Chiral Differentiation. *ACS Nano*, **2021**, 15, 1817-1825	16.7	8
120	ZIF-Induced d-Band Modification in a Bimetallic Nanocatalyst: Achieving Over 44 % Efficiency in the Ambient Nitrogen Reduction Reaction. *Angewandte Chemie*, **2020**, 132, 17145-17151	3.6	15
119	ZIF-Induced d-Band Modification in a Bimetallic Nanocatalyst: Achieving Over 44 % Efficiency in the Ambient Nitrogen Reduction Reaction. *Angewandte Chemie - International Edition*, **2020**, 59, 16997-17003	16.4	48
118	Applying a Nanoparticle@MOF Interface To Activate an Unconventional Regioselectivity of an Inert Reaction at Ambient Conditions. *Journal of the American Chemical Society*, **2020**, 142, 11521-11527	16.4	12
117	A wearable solar-thermal-pyroelectric harvester: Achieving high power output using modified rGO-PEI and polarized PVDF. *Nano Energy*, **2020**, 73, 104723	17.1	30
116	Differentiation of Multiplex Noncovalent Interactions Using SERS and Chemometrics. *ACS Applied Materials & Interfaces*, **2020**, 12, 33421-33427	9.5	5
115	Two-Photon-Assisted Polymerization and Reduction: Emerging Formulations and Applications. *ACS Applied Materials & Interfaces*, **2020**, 12, 10061-10079	9.5	21
114	Multiplex Surface-Enhanced Raman Scattering Identification and Quantification of Urine Metabolites in Patient Samples within 30 min. *ACS Nano*, **2020**, 14, 2542-2552	16.7	44
113	Turning Water from a Hindrance to the Promotor of Preferential Electrochemical Nitrogen Reduction. *Chemistry of Materials*, **2020**, 32, 1674-1683	9.6	16
112	Modulating Orientational Order to Organize Polyhedral Nanoparticles into Plastic Crystals and Uniform Metacrystals. *Angewandte Chemie - International Edition*, **2020**, 59, 21183-21189	16.4	6
111	Modulating Orientational Order to Organize Polyhedral Nanoparticles into Plastic Crystals and Uniform Metacrystals. *Angewandte Chemie*, **2020**, 132, 21369-21375	3.6	2

110	Present and Future of Surface-Enhanced Raman Scattering. *ACS Nano*, **2020**, 14, 28-117	16.7	1000
109	Tracking Airborne Molecules from Afar: Three-Dimensional Metal-Organic Framework-Surface-Enhanced Raman Scattering Platform for Stand-Off and Real-Time Atmospheric Monitoring. *ACS Nano*, **2019**, 13, 12090-12099	16.7	43
108	Three-Dimensional Surface-Enhanced Raman Scattering Platforms: Large-Scale Plasmonic Hotspots for New Applications in Sensing, Microreaction, and Data Storage. *Accounts of Chemical Research*, **2019**, 52, 1844-1854	24.3	51
107	Graphene/graphene nanoribbon aerogels decorated with S-doped MoSe2 nanosheets as an efficient electrocatalyst for hydrogen evolution. *Inorganic Chemistry Frontiers*, **2019**, 6, 1209-1216	6.8	9
106	Triboelectrically boosted SERS on sea-urchin-like gold clusters facilitated by a high dielectric substrate. *Nano Energy*, **2019**, 64, 103959	17.1	13
105	Plasmonic-induced overgrowth of amorphous molybdenum sulfide on nanoporous gold: An ambient synthesis method of hybrid nanoparticles with enhanced electrocatalytic activity. *Journal of Chemical Physics*, **2019**, 151, 244709	3.9	0
104	Mapping micrometer-scale wetting properties of superhydrophobic surfaces. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 25008-25012	11.5	11
103	Stimulated electron energy loss and gain in an electron microscope without a pulsed electron gun. *Ultramicroscopy*, **2019**, 203, 44-51	3.1	22
102	Energy level engineering in transition-metal doped spinel-structured nanosheets for efficient overall water splitting. *Journal of Materials Chemistry A*, **2019**, 7, 827-833	13	36
101	Designing surface-enhanced Raman scattering (SERS) platforms beyond hotspot engineering: emerging opportunities in analyte manipulations and hybrid materials. *Chemical Society Reviews*, **2019**, 48, 731-756	58.5	247
100	Favoring the unfavored: Selective electrochemical nitrogen fixation using a reticular chemistry approach. *Science Advances*, **2018**, 4, eaar3208	14.3	237
99	Plasmonic Hotspots in Air: An Omnidirectional Three-Dimensional Platform for Stand-Off In-Air SERS Sensing of Airborne Species. *Angewandte Chemie - International Edition*, **2018**, 57, 5792-5796	16.4	25
98	Plasmonic nose: integrating the MOF-enabled molecular preconcentration effect with a plasmonic array for recognition of molecular-level volatile organic compounds. *Chemical Communications*, **2018**, 54, 2546-2549	5.8	65
97	Plasmonic Hotspots in Air: An Omnidirectional Three-Dimensional Platform for Stand-Off In-Air SERS Sensing of Airborne Species. *Angewandte Chemie*, **2018**, 130, 5894-5898	3.6	4
96	Self-supported MoS2@NHCF fiber-in-tube composites with tunable voids for efficient hydrogen evolution reaction. *Composites Communications*, **2018**, 9, 86-91	6.7	29
95	Creating two self-assembly micro-environments to achieve supercrystals with dual structures using polyhedral nanoparticles. *Nature Communications*, **2018**, 9, 2769	17.4	32
94	Shape-dependent thermo-plasmonic effect of nanoporous gold at the nanoscale for ultrasensitive heat-mediated remote actuation. *Nanoscale*, **2018**, 10, 16005-16012	7.7	11
93	Aluminum nanostructures with strong visible-range SERS activity for versatile micropatterning of molecular security labels. *Nanoscale*, **2018**, 10, 575-581	7.7	33

92	Probing Plasmon-NV0 Coupling at the Nanometer Scale with Photons and Fast Electrons. *ACS Photonics*, **2018**, 5, 324-328	6.3	13
91	Concentrating Immiscible Molecules at Solid@MOF Interfacial Nanocavities to Drive an Inert Gas–Liquid Reaction at Ambient Conditions. *Angewandte Chemie*, **2018**, 130, 17304-17308	3.6	7
90	Concentrating Immiscible Molecules at Solid@MOF Interfacial Nanocavities to Drive an Inert Gas-Liquid Reaction at Ambient Conditions. *Angewandte Chemie - International Edition*, **2018**, 57, 17058-17062	16.4	27
89	A live bacteria SERS platform for the in situ monitoring of nitric oxide release from a single MRSA. *Chemical Communications*, **2018**, 54, 7022-7025	5.8	14
88	Online Flowing Colloidosomes for Sequential Multi-analyte High-Throughput SERS Analysis. *Angewandte Chemie - International Edition*, **2017**, 56, 5565-5569	16.4	29
87	Online Flowing Colloidosomes for Sequential Multi-analyte High-Throughput SERS Analysis. *Angewandte Chemie*, **2017**, 129, 5657-5661	3.6	5
86	SERS- and Electrochemically Active 3D Plasmonic Liquid Marbles for Molecular-Level Spectroelectrochemical Investigation of Microliter Reactions. *Angewandte Chemie - International Edition*, **2017**, 56, 8813-8817	16.4	50
85	SERS- and Electrochemically Active 3D Plasmonic Liquid Marbles for Molecular-Level Spectroelectrochemical Investigation of Microliter Reactions. *Angewandte Chemie*, **2017**, 129, 8939-8943	3.6	10
84	Dynamic Rotating Liquid Marble for Directional and Enhanced Mass Transportation in Three-Dimensional Microliter Droplets. *Journal of Physical Chemistry Letters*, **2017**, 8, 243-249	6.4	15
83	Revealing Cation-Exchange-Induced Phase Transformations in Multielemental Chalcogenide Nanoparticles. *Chemistry of Materials*, **2017**, 29, 9192-9199	9.6	16
82	Direct Metal Writing and Precise Positioning of Gold Nanoparticles within Microfluidic Channels for SERS Sensing of Gaseous Analytes. *ACS Applied Materials & Interfaces*, **2017**, 9, 39584-39593	9.5	28
81	Microchemical Plant in a Liquid Droplet: Plasmonic Liquid Marble for Sequential Reactions and Attomole Detection of Toxin at Microliter Scale. *ACS Applied Materials & Interfaces*, **2017**, 9, 39635-39640	9.5	24
80	Flexible Three-Dimensional Anticounterfeiting Plasmonic Security Labels: Utilizing Z-Axis-Dependent SERS Readouts to Encode Multilayered Molecular Information. *ACS Photonics*, **2017**, 4, 2529-2536	6.3	35
79	Constructing Soft Substrate-less Platforms Using Particle-Assembled Fluid–Fluid Interfaces and Their Prospects in Multiphasic Applications. *Chemistry of Materials*, **2017**, 29, 6563-6577	9.6	9
78	Driving CO to a Quasi-Condensed Phase at the Interface between a Nanoparticle Surface and a Metal-Organic Framework at 1 bar and 298 K. *Journal of the American Chemical Society*, **2017**, 139, 11513-11518	16.4	43
77	Tuning Molecular-Level Polymer Conformations Enables Dynamic Control over Both the Interfacial Behaviors of Ag Nanocubes and Their Assembled Metacrystals. *Chemistry of Materials*, **2017**, 29, 6137-6144	9.6	14
76	Quantitative prediction of the position and orientation for an octahedral nanoparticle at liquid/liquid interfaces. *Nanoscale*, **2017**, 9, 11239-11248	7.7	8
75	Nanoporous Gold Bowls: A Kinetic Approach to Control Open Shell Structures and Size-Tunable Lattice Strain for Electrocatalytic Applications. *Small*, **2016**, 12, 4531-40	11	27

74	Promotion of the halide effect in the formation of shaped metal nanocrystals via a hybrid cationic, polymeric stabilizer: Octahedra, cubes, and anisotropic growth. *Surface Science*, **2016**, 648, 307-312	1.8	10
73	Formulating an Ideal Protein Photoresist for Fabricating Dynamic Microstructures with High Aspect Ratios and Uniform Responsiveness. *ACS Applied Materials & Interfaces*, **2016**, 8, 8145-53	9.5	9
72	Combined stem-eels and stem-cl analysis of plasmonic coupling between chemically grown silver nanocubes **2016**, 917-918		
71	Assembling substrate-less plasmonic metacrystals at the oil/water interface for multiplex ultratrace analyte detection. *Analyst, The*, **2016**, 141, 5107-12	5	6
70	Isolating Reactions at the Picoliter Scale: Parallel Control of Reaction Kinetics at the Liquid□liquid Interface. *Angewandte Chemie*, **2016**, 128, 8444-8448	3.6	4
69	Localized and Continuous Tuning of Monolayer MoS2 Photoluminescence Using a Single Shape-Controlled Ag Nanoantenna. *Advanced Materials*, **2016**, 28, 701-6	24	62
68	Colloidal Gold Nanocups with Orientation-Dependent Plasmonic Properties. *Advanced Materials*, **2016**, 28, 6322-31	24	51
67	Isolating Reactions at the Picoliter Scale: Parallel Control of Reaction Kinetics at the Liquid-Liquid Interface. *Angewandte Chemie - International Edition*, **2016**, 55, 8304-8	16.4	18
66	Manipulating the d-Band Electronic Structure of Platinum-Functionalized Nanoporous Gold Bowls: Synergistic Intermetallic Interactions Enhance Catalysis. *Chemistry of Materials*, **2016**, 28, 5080-5086	9.6	33
65	A Chemical Approach To Break the Planar Configuration of Ag Nanocubes into Tunable Two-Dimensional Metasurfaces. *Nano Letters*, **2016**, 16, 3872-8	11.5	46
64	Identifying Enclosed Chemical Reaction and Dynamics at the Molecular Level Using Shell-Isolated Miniaturized Plasmonic Liquid Marble. *Journal of Physical Chemistry Letters*, **2016**, 7, 1501-6	6.4	29
63	Plasmonic nanopillar arrays encoded with multiplex molecular information for anti-counterfeiting applications. *Journal of Materials Chemistry C*, **2016**, 4, 4312-4319	7.1	32
62	Spinning Liquid Marble and Its Dual Applications as Microcentrifuge and Miniature Localized Viscometer. *ACS Applied Materials & Interfaces*, **2016**, 8, 23941-6	9.5	25
61	Gold Nanocups: Colloidal Gold Nanocups with Orientation-Dependent Plasmonic Properties (Adv. Mater. 30/2016). *Advanced Materials*, **2016**, 28, 6266	24	2
60	Achieving Site-Specificity in Multistep Colloidal Synthesis. *Journal of the American Chemical Society*, **2015**, 137, 7624-7	16.4	66
59	Nanoscale surface chemistry directs the tunable assembly of silver octahedra into three two-dimensional plasmonic superlattices. *Nature Communications*, **2015**, 6, 6990	17.4	111
58	Transformative Two-Dimensional Array Configurations by Geometrical Shape-Shifting Protein Microstructures. *ACS Nano*, **2015**, 9, 9708-17	16.7	21
57	Special issue on surface-enhanced Raman spectroscopy. *Journal of Optics (United Kingdom)*, **2015**, 17, 110201	1.7	2

56	Nanoporous Gold Nanoframes with Minimalistic Architectures: Lower Porosity Generates Stronger Surface-Enhanced Raman Scattering Capabilities. *Chemistry of Materials*, **2015**, 27, 7827-7834	9.6	46
55	Plasmonic Colloidosomes as Three-Dimensional SERS Platforms with Enhanced Surface Area for Multiphase Sub-Microliter Toxin Sensing. *Angewandte Chemie*, **2015**, 127, 9827-9831	3.6	31
54	Multiplex plasmonic anti-counterfeiting security labels based on surface-enhanced Raman scattering. *Chemical Communications*, **2015**, 51, 5363-6	5.8	74
53	Shape-shifting 3D protein microstructures with programmable directionality via quantitative nanoscale stiffness modulation. *Small*, **2015**, 11, 740-8	11	40
52	Graphene Liquid Marbles as Photothermal Miniature Reactors for Reaction Kinetics Modulation. *Angewandte Chemie*, **2015**, 127, 4065-4068	3.6	18
51	Plasmonic Colloidosomes as Three-Dimensional SERS Platforms with Enhanced Surface Area for Multiphase Sub-Microliter Toxin Sensing. *Angewandte Chemie - International Edition*, **2015**, 54, 9691-5	16.4	77
50	Graphene liquid marbles as photothermal miniature reactors for reaction kinetics modulation. *Angewandte Chemie - International Edition*, **2015**, 54, 3993-6	16.4	80
49	Hierarchical 3D SERS substrates fabricated by integrating photolithographic microstructures and self-assembly of silver nanoparticles. *Small*, **2014**, 10, 2703-11	11	140
48	Graphene oxide and shape-controlled silver nanoparticle hybrids for ultrasensitive single-particle surface-enhanced Raman scattering (SERS) sensing. *Nanoscale*, **2014**, 6, 4843-51	7.7	170
47	Understanding the synthetic pathway of a single-phase quarternary semiconductor using surface-enhanced Raman scattering: a case of wurtzite Cu_2ZnSnS_4 nanoparticles. *Journal of the American Chemical Society*, **2014**, 136, 6684-92	16.4	112
46	Encoding molecular information in plasmonic nanostructures for anti-counterfeiting applications. *Nanoscale*, **2014**, 6, 282-8	7.7	136
45	Plasmonic Liquid Marbles: A Miniature Substrate-less SERS Platform for Quantitative and Multiplex Ultratrace Molecular Detection. *Angewandte Chemie*, **2014**, 126, 5154-5158	3.6	45
44	A large-scale superhydrophobic surface-enhanced Raman scattering (SERS) platform fabricated via capillary force lithography and assembly of Ag nanocubes for ultratrace molecular sensing. *Physical Chemistry Chemical Physics*, **2014**, 16, 26983-90	3.6	37
43	Plasmonic Silver Nanowire Structures for Two-Dimensional Multiple-Digit Molecular Data Storage Application. *ACS Photonics*, **2014**, 1, 631-637	6.3	36
42	Catalytic liquid marbles: Ag nanowire-based miniature reactors for highly efficient degradation of methylene blue. *Chemical Communications*, **2014**, 50, 5923-6	5.8	58
41	Chemical speciation of heavy metals by surface-enhanced Raman scattering spectroscopy: identification and quantification of inorganic- and methyl-mercury in water. *Nanoscale*, **2014**, 6, 8368-75	7.7	71
40	Precision synthesis: designing hot spots over hot spots via selective gold deposition on silver octahedra edges. *Small*, **2014**, 10, 4940-50	11	29
39	Surfactant-directed atomic to mesoscale alignment: metal nanocrystals encased individually in single-crystalline porous nanostructures. *Journal of the American Chemical Society*, **2014**, 136, 10561-4	16.4	133

38	One-step synthesis of zero-dimensional hollow nanoporous gold nanoparticles with enhanced methanol electrooxidation performance. *Nature Communications*, **2014**, 5, 4947	17.4	186
37	Plasmonic liquid marbles: a miniature substrate-less SERS platform for quantitative and multiplex ultratrace molecular detection. *Angewandte Chemie - International Edition*, **2014**, 53, 5054-8	16.4	71
36	Superhydrophobic-oleophobic Ag nanowire platform: an analyte-concentrating and quantitative aqueous and organic toxin surface-enhanced Raman scattering sensor. *Analytical Chemistry*, **2014**, 86, 10437-44	7.8	56
35	Alumina-coated Ag nanocrystal monolayers as surfaceenhanced Raman spectroscopy platforms for the direct spectroscopic detection of water splitting reaction intermediates. *Nano Research*, **2014**, 7, 132-143	10	33
34	Synthesis of Spiky AgAu Octahedral Nanoparticles and Their Tunable Optical Properties. *Journal of Physical Chemistry C*, **2013**, 117, 16640-16649	3.8	42
33	Bimetallic platonic Janus nanocrystals. *Langmuir*, **2013**, 29, 12844-51	4	15
32	Layer-by-layer assembly of Ag nanowires into 3D woodpile-like structures to achieve high density "hot spots" for surface-enhanced Raman scattering. *Langmuir*, **2013**, 29, 7061-9	4	106
31	Vertically aligned gold nanorod monolayer on arbitrary substrates: self-assembly and femtomolar detection of food contaminants. *ACS Nano*, **2013**, 7, 5993-6000	16.7	197
30	Using the Langmuir-Schaefer technique to fabricate large-area dense SERS-active Au nanoprism monolayer films. *Nanoscale*, **2013**, 5, 6404-12	7.7	63
29	Superhydrophobic surface-enhanced Raman scattering platform fabricated by assembly of Ag nanocubes for trace molecular sensing. *ACS Applied Materials & Interfaces*, **2013**, 5, 11409-18	9.5	93
28	Oriented assembly of polyhedral plasmonic nanoparticle clusters. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 6640-5	11.5	108
27	A chemical route to increase hot spots on silver nanowires for surface-enhanced Raman spectroscopy application. *Langmuir*, **2012**, 28, 14441-9	4	78
26	Atomic force microscopy of the morphology and mechanical behaviour of barnacle cyprid footprint proteins at the nanoscale. *Journal of the Royal Society Interface*, **2010**, 7, 285-96	4.1	24
25	Chemically directed immobilization of nanoparticles onto gold substrates for orthogonal assembly using dithiocarbamate bond formation. *ACS Applied Materials & Interfaces*, **2010**, 2, 795-9	9.5	24
24	Anisotropic etching of silver nanoparticles for plasmonic structures capable of single-particle SERS. *Journal of the American Chemical Society*, **2010**, 132, 268-74	16.4	537
23	3D ordered nanostructures fabricated by nanosphere lithography using an organometallic etch mask. *Nanoscale*, **2010**, 2, 1455-60	7.7	17
22	Chemically Directed Self-Assembly of Nanoparticle Structures on Surfaces **2010**, 405-431		1
21	Chemistry-Specific Interfacial Forces Between Barnacle (Semibalanus Balanoides) Cyprid Footprint Proteins and Chemically Functionalised AFM Tips **2009**, 85, 616-630		8

20	Fabrication of Freestanding Nanoporous Polyethersulfone Membranes Using Organometallic Polymer Resists Patterned by Nanosphere Lithography. *Advanced Materials*, **2009**, 21, 2064-2067	24	41
19	Free-standing 3D supramolecular hybrid particle structures. *Angewandte Chemie - International Edition*, **2009**, 48, 983-7	16.4	39
18	Janus particles with controllable patchiness and their chemical functionalization and supramolecular assembly. *Angewandte Chemie - International Edition*, **2009**, 48, 7677-82	16.4	108
17	Freestanding 3D supramolecular particle bridges: fabrication and mechanical behavior. *Small*, **2009**, 5, 1428-35	11	24
16	Stable and transparent superhydrophobic nanoparticle films. *Langmuir*, **2009**, 25, 3260-3	4	158
15	Transfer-printing and host-guest properties of 3D supramolecular particle structures. *ACS Applied Materials & Interfaces*, **2009**, 1, 960-8	9.5	17
14	From supramolecular chemistry to nanotechnology: Assembly of 3D nanostructures. *Pure and Applied Chemistry*, **2009**, 81, 2225-2233	2.1	48
13	Microcontact printing of dendrimers, proteins, and nanoparticles by porous stamps. *Journal of the American Chemical Society*, **2009**, 131, 797-803	16.4	57
12	Fabrication of 3D supramolecular hybrid particle microstructures with controllable morphology and dimensions. *Chemical Communications*, **2009**, 5521-3	5.8	8
11	Free-standing porous supramolecular assemblies of nanoparticles made using a double-templating strategy. *Faraday Discussions*, **2009**, 143, 117-27; discussion 169-86	3.6	7
10	Reversible Attachment of Nanostructures at Molecular Printboards through Supramolecular Glue. *Chemistry of Materials*, **2008**, 20, 3574-3578	9.6	49
9	Supramolecular layer-by-layer assembly of 3D multicomponent nanostructures via multivalent molecular recognition. *International Journal of Molecular Sciences*, **2008**, 9, 486-97	6.3	25
8	Multivalent binding of small guest molecules and proteins to molecular printboards inside microchannels. *Chemistry - A European Journal*, **2008**, 14, 136-42	4.8	22
7	An in situ study of the adsorption behavior of functionalized particles on self-assembled monolayers via different chemical interactions. *Langmuir*, **2007**, 23, 9990-9	4	33
6	Patterning the molecular printboard: patterning cyclodextrin monolayers on silicon oxide using nanoimprint lithography and its application in 3D multilayer nanostructuring. *Nanotechnology*, **2007**, 18, 044007	3.4	38
5	Pt and PtRu nanoparticles deposited on single-wall carbon nanotubes for methanol electro-oxidation. *Journal of Power Sources*, **2007**, 167, 272-280	8.9	73
4	Ferrocenyl-functionalized silica nanoparticles: preparation, characterization, and molecular recognition at interfaces. *Langmuir*, **2006**, 22, 8777-83	4	55
3	Preparation and characterization of Pt/C and PtRu/C electrocatalysts for direct ethanol fuel cells. *Journal of Power Sources*, **2005**, 149, 1-7	8.9	123

2	Carbon-Supported Pt and PtRu Nanoparticles as Catalysts for a Direct Methanol Fuel Cell. *Journal of Physical Chemistry B*, **2004**, 108, 8234-8240	3.4	599
1	Nanosized Pt and PtRu colloids as precursors for direct methanol fuel cell catalysts. *Journal of Materials Chemistry*, **2003**, 13, 3049		63