Xing Yi Ling

List of Publications by Year
in descending order

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		38742	32842
127	10,654	50	100
papers	citations	h-index	g-index

132	132	132	13182
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanoplasmonic materials for surface-enhanced Raman scattering. , 2022, , 33-79.		1
2	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, 2629-2639.	14.6	71
3	Tunable Plasmonic Metacrystals: Self-assembly, Plasmonic Properties, and Applications in Surface-enhanced Raman Scattering. , 2022, , 175-232.		0
4	Incorporating plasmonic featurization with machine learning to achieve accurate and bidirectional prediction of nanoparticle size and size distribution. Nanoscale Horizons, 2022, 7, 626-633.	8.0	6
5	Inducing Ring Complexation for Efficient Capture and Detection of Small Gaseous Molecules Using SERS for Environmental Surveillance. Angewandte Chemie, 2022, 134, .	2.0	6
6	Inducing Ring Complexation for Efficient Capture and Detection of Small Gaseous Molecules Using SERS for Environmental Surveillance. Angewandte Chemie - International Edition, 2022, 61, .	13.8	15
7	Intensifying Heat Using MOFâ€Isolated Graphene for Solarâ€Driven Seawater Desalination at 98% Solarâ€toâ€Thermal Efficiency. Advanced Functional Materials, 2021, 31, 2008904.	14.9	87
8	Enantiospecific Molecular Fingerprinting Using Potential-Modulated Surface-Enhanced Raman Scattering to Achieve Label-Free Chiral Differentiation. ACS Nano, 2021, 15, 1817-1825.	14.6	29
9	Surface-Enhanced Raman Scattering (SERS) Taster: A Machine-Learning-Driven Multireceptor Platform for Multiplex Profiling of Wine Flavors. Nano Letters, 2021, 21, 2642-2649.	9.1	66
10	Plasmonic Nanoparticle-Metalâ€“Organic Framework (NPâ€“MOF) Nanohybrid Platforms for Emerging Plasmonic Applications. , 2021, 3, 557-573.		45
11	Introduction to advances in plasmonics and its applications. Nanoscale, 2021, 13, 5935-5936.	5.6	2
12	Present and Future of Surface-Enhanced Raman Scattering. ACS Nano, 2020, 14, 28-117.	14.6	2,153
13	Modulating Orientational Order to Organize Polyhedral Nanoparticles into Plastic Crystals and Uniform Metacrystals. Angewandte Chemie - International Edition, 2020, 59, 21183-21189.	13.8	7
14	Modulating Orientational Order to Organize Polyhedral Nanoparticles into Plastic Crystals and Uniform Metacrystals. Angewandte Chemie, 2020, 132, 21369-21375.	2.0	3
15	ZIFâ€Induced dâ€Band Modification in a Bimetallic Nanocatalyst: Achieving Over 44â€‰% Efficiency in the Ambient Nitrogen Reduction Reaction. Angewandte Chemie, 2020, 132, 17145-17151.	2.0	31
16	ZIFâ€Induced dâ€Band Modification in a Bimetallic Nanocatalyst: Achieving Over 44â€‰% Efficiency in the Ambient Nitrogen Reduction Reaction. Angewandte Chemie - International Edition, 2020, 59, 16997-17003.	13.8	116
17	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.	13.7	26
18	A wearable solar-thermal-pyroelectric harvester: Achieving high power output using modified rGO-PEI and polarized PVDF. Nano Energy, 2020, 73, 104723.	16.0	40

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19	In Situ Differentiation of Multiplex Noncovalent Interactions Using SERS and Chemometrics. ACS Applied Materials & Interfaces, 2020, 12, 33421-33427.	8.0	10
20	Two-Photon-Assisted Polymerization and Reduction: Emerging Formulations and Applications. ACS Applied Materials & Interfaces, 2020, 12, 10061-10079.	8.0	47
21	Multiplex Surface-Enhanced Raman Scattering Identification and Quantification of Urine Metabolites in Patient Samples within 30 min. ACS Nano, 2020, 14, 2542-2552.	14.6	87
22	Turning Water from a Hindrance to the Promotor of Preferential Electrochemical Nitrogen Reduction. Chemistry of Materials, 2020, 32, 1674-1683.	6.7	35
23	Triboelectrically boosted SERS on sea-urchin-like gold clusters facilitated by a high dielectric substrate. Nano Energy, 2019, 64, 103959.	16.0	23
24	Tracking Airborne Molecules from Afar: Three-Dimensional Metalâ€“Organic Framework-Surface-Enhanced Raman Scattering Platform for Stand-Off and Real-Time Atmospheric Monitoring. ACS Nano, 2019, 13, 12090-12099.	14.6	87
25	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.	15.6	94
26	Graphene/graphene nanoribbon aerogels decorated with S-doped MoSe₂ nanosheets as an efficient electrocatalyst for hydrogen evolution. Inorganic Chemistry Frontiers, 2019, 6, 1209-1216.	6.0	17
27	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.	3.0	4
28	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.	7.1	29
29	Stimulated electron energy loss and gain in an electron microscope without a pulsed electron gun. Ultramicroscopy, 2019, 203, 44-51.	1.9	36
30	Energy level engineering in transition-metal doped spinel-structured nanosheets for efficient overall water splitting. Journal of Materials Chemistry A, 2019, 7, 827-833.	10.3	52
31	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.	38.1	468
32	Favoring the unfavored: Selective electrochemical nitrogen fixation using a reticular chemistry approach. Science Advances, 2018, 4, eaar3208.	10.3	333
33	Plasmonic Hotspots in Air: An Omnidirectional Threeâ€Dimensional Platform for Standâ€Off Inâ€Air SERS Sensing of Airborne Species. Angewandte Chemie - International Edition, 2018, 57, 5792-5796.	13.8	41
34	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.	4.1	104
35	Plasmonic Hotspots in Air: An Omnidirectional Threeâ€Dimensional Platform for Standâ€Off Inâ€Air SERS Sensing of Airborne Species. Angewandte Chemie, 2018, 130, 5894-5898.	2.0	5
36	Aluminum nanostructures with strong visible-range SERS activity for versatile micropatterning of molecular security labels. Nanoscale, 2018, 10, 575-581.	5.6	47

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37	Probing Plasmon-NV⁰ Coupling at the Nanometer Scale with Photons and Fast Electrons. ACS Photonics, 2018, 5, 324-328.	6.6	24
38	Concentrating Immiscible Molecules at Solid@MOF Interfacial Nanocavities to Drive an Inert Gasâ€“Liquid Reaction at Ambient Conditions. Angewandte Chemie, 2018, 130, 17304-17308.	2.0	7
39	Concentrating Immiscible Molecules at Solid@MOF Interfacial Nanocavities to Drive an Inert Gasâ€“Liquid Reaction at Ambient Conditions. Angewandte Chemie - International Edition, 2018, 57, 17058-17062.	13.8	43
40	A live bacteria SERS platform for the in situ monitoring of nitric oxide release from a single MRSA. Chemical Communications, 2018, 54, 7022-7025.	4.1	24
41	Self-supported MoS2@NHCF fiber-in-tube composites with tunable voids for efficient hydrogen evolution reaction. Composites Communications, 2018, 9, 86-91.	6.3	34
42	Creating two self-assembly micro-environments to achieve supercrystals with dual structures using polyhedral nanoparticles. Nature Communications, 2018, 9, 2769.	12.8	46
43	Shape-dependent thermo-plasmonic effect of nanoporous gold at the nanoscale for ultrasensitive heat-mediated remote actuation. Nanoscale, 2018, 10, 16005-16012.	5.6	19
44	Online Flowing Colloidosomes for Sequential Multiâ€analyte Highâ€Throughput SERS Analysis. Angewandte Chemie - International Edition, 2017, 56, 5565-5569.	13.8	35
45	Online Flowing Colloidosomes for Sequential Multiâ€analyte Highâ€Throughput SERS Analysis. Angewandte Chemie, 2017, 129, 5657-5661.	2.0	7
46	SERSâ€•and Electrochemically Active 3D Plasmonic Liquid Marbles for Molecularâ€Level Spectroelectrochemical Investigation of Microliter Reactions. Angewandte Chemie - International Edition, 2017, 56, 8813-8817.	13.8	57
47	SERSâ€•and Electrochemically Active 3D Plasmonic Liquid Marbles for Molecularâ€Level Spectroelectrochemical Investigation of Microliter Reactions. Angewandte Chemie, 2017, 129, 8939-8943.	2.0	16
48	Dynamic Rotating Liquid Marble for Directional and Enhanced Mass Transportation in Three-Dimensional Microliter Droplets. Journal of Physical Chemistry Letters, 2017, 8, 243-249.	4.6	22
49	Revealing Cation-Exchange-Induced Phase Transformations in Multielemental Chalcogenide Nanoparticles. Chemistry of Materials, 2017, 29, 9192-9199.	6.7	19
50	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.	8.0	42
51	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.	8.0	34
52	Flexible Three-Dimensional Anticounterfeiting Plasmonic Security Labels: Utilizing Z-Axis-Dependent SERS Readouts to Encode Multilayered Molecular Information. ACS Photonics, 2017, 4, 2529-2536.	6.6	44
53	Constructing Soft Substrate-less Platforms Using Particle-Assembled Fluidâ€“Fluid Interfaces and Their Prospects in Multiphasic Applications. Chemistry of Materials, 2017, 29, 6563-6577.	6.7	11
54	Driving CO₂ to a Quasi-Condensed Phase at the Interface between a Nanoparticle Surface and a Metalâ€“Organic Framework at 1 bar and 298 K. Journal of the American Chemical Society, 2017, 139, 11513-11518.	13.7	55

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55	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.	6.7	20
56	Quantitative prediction of the position and orientation for an octahedral nanoparticle at liquid/liquid interfaces. Nanoscale, 2017, 9, 11239-11248.	5.6	11
57	Assembling substrate-less plasmonic metacrystals at the oil/water interface for multiplex ultratrace analyte detection. Analyst, The, 2016, 141, 5107-5112.	3.5	6
58	Isolating Reactions at the Picoliter Scale: Parallel Control of Reaction Kinetics at the Liquidâ€“Liquid Interface. Angewandte Chemie, 2016, 128, 8444-8448.	2.0	4
59	Localized and Continuous Tuning of Monolayer MoS₂ Photoluminescence Using a Single Shapeâ€Controlled Ag Nanoantenna. Advanced Materials, 2016, 28, 701-706.	21.0	73
60	Colloidal Gold Nanocups with Orientationâ€Dependent Plasmonic Properties. Advanced Materials, 2016, 28, 6322-6331.	21.0	74
61	Isolating Reactions at the Picoliter Scale: Parallel Control of Reaction Kinetics at the Liquidâ€“Liquid Interface. Angewandte Chemie - International Edition, 2016, 55, 8304-8308.	13.8	20
62	Manipulating the d-Band Electronic Structure of Platinum-Functionalized Nanoporous Gold Bowls: Synergistic Intermetallic Interactions Enhance Catalysis. Chemistry of Materials, 2016, 28, 5080-5086.	6.7	49
63	A Chemical Approach To Break the Planar Configuration of Ag Nanocubes into Tunable Two-Dimensional Metasurfaces. Nano Letters, 2016, 16, 3872-3878.	9.1	61
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, 1501-1506.	4.6	30
65	Plasmonic nanopillar arrays encoded with multiplex molecular information for anti-counterfeiting applications. Journal of Materials Chemistry C, 2016, 4, 4312-4319.	5.5	37
66	Spinning Liquid Marble and Its Dual Applications as Microcentrifuge and Miniature Localized Viscometer. ACS Applied Materials & Interfaces, 2016, 8, 23941-23946.	8.0	33
67	Gold Nanocups: Colloidal Gold Nanocups with Orientationâ€Dependent Plasmonic Properties (Adv.) Tj ETQq1 1 0.784314 rgBT /Overlo	21.0	4
68	Nanoporous Gold Bowls: A Kinetic Approach to Control Open Shell Structures and Sizeâ€Tunable Lattice Strain for Electrocatalytic Applications. Small, 2016, 12, 4531-4540.	10.0	36
69	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.	1.9	13
70	Formulating an Ideal Protein Photoresist for Fabricating Dynamic Microstructures with High Aspect Ratios and Uniform Responsiveness. ACS Applied Materials & Interfaces, 2016, 8, 8145-8153.	8.0	15
71	Plasmonic Colloidosomes as Threeâ€Dimensional SERS Platforms with Enhanced Surface Area for Multiphase Subâ€Microliter Toxin Sensing. Angewandte Chemie - International Edition, 2015, 54, 9691-9695.	13.8	93
72	Graphene Liquid Marbles as Photothermal Miniature Reactors for Reaction Kinetics Modulation. Angewandte Chemie - International Edition, 2015, 54, 3993-3996.	13.8	93

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73	Achieving Site-Specificity in Multistep Colloidal Synthesis. Journal of the American Chemical Society, 2015, 137, 7624-7627.	13.7	85
74	Nanoscale surface chemistry directs the tunable assembly of silver octahedra into three two-dimensional plasmonic superlattices. Nature Communications, 2015, 6, 6990.	12.8	137
75	Transformative Two-Dimensional Array Configurations by Geometrical Shape-Shifting Protein Microstructures. ACS Nano, 2015, 9, 9708-9717.	14.6	28
76	Special issue on surface-enhanced Raman spectroscopy. Journal of Optics (United Kingdom), 2015, 17, 110201.	2.2	2
77	Nanoporous Gold Nanoframes with Minimalistic Architectures: Lower Porosity Generates Stronger Surface-Enhanced Raman Scattering Capabilities. Chemistry of Materials, 2015, 27, 7827-7834.	6.7	56
78	Multiplex plasmonic anti-counterfeiting security labels based on surface-enhanced Raman scattering. Chemical Communications, 2015, 51, 5363-5366.	4.1	89
79	Shape-Shifting 3D Protein Microstructures with Programmable Directionality via Quantitative Nanoscale Stiffness Modulation. Small, 2015, 11, 740-748.	10.0	50
80	Plasmonic Liquid Marbles: A Miniature Substrateâ€‘less SERS Platform for Quantitative and Multiplex Ultratrace Molecular Detection. Angewandte Chemie - International Edition, 2014, 53, 5054-5058.	13.8	86
81	Superhydrophobic-Oleophobic Ag Nanowire Platform: An Analyte-Concentrating and Quantitative Aqueous and Organic Toxin Surface-Enhanced Raman Scattering Sensor. Analytical Chemistry, 2014, 86, 10437-10444.	6.5	69
82	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.	10.4	35
83	Hierarchical 3D SERS Substrates Fabricated by Integrating Photolithographic Microstructures and Selfâ€Assembly of Silver Nanoparticles. Small, 2014, 10, 2703-2711.	10.0	169
84	Graphene oxide and shape-controlled silver nanoparticle hybrids for ultrasensitive single-particle surface-enhanced Raman scattering (SERS) sensing. Nanoscale, 2014, 6, 4843-4851.	5.6	206
85	Understanding the Synthetic Pathway of a Single-Phase Quarternary Semiconductor Using Surface-Enhanced Raman Scattering: A Case of Wurtzite Cu₂ZnSnS₄ Nanoparticles. Journal of the American Chemical Society, 2014, 136, 6684-6692.	13.7	129
86	Encoding molecular information in plasmonic nanostructures for anti-counterfeiting applications. Nanoscale, 2014, 6, 282-288.	5.6	169
87	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, 26983-26990.	2.8	45
88	Plasmonic Silver Nanowire Structures for Two-Dimensional Multiple-Digit Molecular Data Storage Application. ACS Photonics, 2014, 1, 631-637.	6.6	43
89	Catalytic liquid marbles: Ag nanowire-based miniature reactors for highly efficient degradation of methylene blue. Chemical Communications, 2014, 50, 5923-5926.	4.1	72
90	Chemical speciation of heavy metals by surface-enhanced Raman scattering spectroscopy: identification and quantification of inorganic- and methyl-mercury in water. Nanoscale, 2014, 6, 8368-8375.	5.6	92

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91	Precision Synthesis: Designing Hot Spots over Hot Spots via Selective Gold Deposition on Silver Octahedra Edges. Small, 2014, 10, 4940-4950.	10.0	36
92	Surfactant-Directed Atomic to Mesoscale Alignment: Metal Nanocrystals Encased Individually in Single-Crystalline Porous Nanostructures. Journal of the American Chemical Society, 2014, 136, 10561-10564.	13.7	157
93	One-step synthesis of zero-dimensional hollow nanoporous gold nanoparticles with enhanced methanol electrooxidation performance. Nature Communications, 2014, 5, 4947.	12.8	218
94	Synthesis of Spiky Agâ€“Au Octahedral Nanoparticles and Their Tunable Optical Properties. Journal of Physical Chemistry C, 2013, 117, 16640-16649.	3.1	44
95	Bimetallic Platonic Janus Nanocrystals. Langmuir, 2013, 29, 12844-12851.	3.5	15
96	Layer-By-Layer Assembly of Ag Nanowires into 3D Woodpile-like Structures to Achieve High Density â€œHot Spotsâ€•for Surface-Enhanced Raman Scattering. Langmuir, 2013, 29, 7061-7069.	3.5	116
97	Vertically Aligned Gold Nanorod Monolayer on Arbitrary Substrates: Self-Assembly and Femtomolar Detection of Food Contaminants. ACS Nano, 2013, 7, 5993-6000.	14.6	218
98	Using the Langmuirâ€“Schaefer technique to fabricate large-area dense SERS-active Au nanoprism monolayer films. Nanoscale, 2013, 5, 6404.	5.6	69
99	Superhydrophobic Surface-Enhanced Raman Scattering Platform Fabricated by Assembly of Ag Nanocubes for Trace Molecular Sensing. ACS Applied Materials & Interfaces, 2013, 5, 11409-11418.	8.0	110
100	Oriented assembly of polyhedral plasmonic nanoparticle clusters. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6640-6645.	7.1	124
101	A Chemical Route To Increase Hot Spots on Silver Nanowires for Surface-Enhanced Raman Spectroscopy Application. Langmuir, 2012, 28, 14441-14449.	3.5	84
102	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, 285-296.	3.4	28
103	Chemically Directed Immobilization of Nanoparticles onto Gold Substrates for Orthogonal Assembly Using Dithiocarbamate Bond Formation. ACS Applied Materials & Interfaces, 2010, 2, 795-799.	8.0	28
104	Anisotropic Etching of Silver Nanoparticles for Plasmonic Structures Capable of Single-Particle SERS. Journal of the American Chemical Society, 2010, 132, 268-274.	13.7	584
105	3D ordered nanostructures fabricated by nanosphere lithography using an organometallic etch mask. Nanoscale, 2010, 2, 1455.	5.6	19
106	Chemistry-Specific Interfacial Forces Between Barnacle (Semibalanus Balanoides) Cyprid Footprint Proteins and Chemically Functionalised AFM Tips. Journal of Adhesion, 2009, 85, 616-630.	3.0	8
107	Fabrication of Freestanding Nanoporous Polyethersulfone Membranes Using Organometallic Polymer Resists Patterned by Nanosphere Lithography. Advanced Materials, 2009, 21, 2064-2067.	21.0	43
108	Freeâ€Standing 3â€‰D Supramolecular Hybrid Particle Structures. Angewandte Chemie - International Edition, 2009, 48, 983-987.	13.8	41

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109	Janus Particles with Controllable Patchiness and Their Chemical Functionalization and Supramolecular Assembly. Angewandte Chemie - International Edition, 2009, 48, 7677-7682.	13.8	111
110	Freestanding 3D Supramolecular Particle Bridges: Fabrication and Mechanical Behavior. Small, 2009, 5, 1428-1435.	10.0	26
111	Stable and Transparent Superhydrophobic Nanoparticle Films. Langmuir, 2009, 25, 3260-3263.	3.5	166
112	Transfer-Printing and Hostâ"Guest Properties of 3D Supramolecular Particle Structures. ACS Applied Materials & Interfaces, 2009, 1, 960-968.	8.0	17
113	From supramolecular chemistry to nanotechnology: Assembly of 3D nanostructures. Pure and Applied Chemistry, 2009, 81, 2225-2233.	1.9	50
114	Microcontact Printing of Dendrimers, Proteins, and Nanoparticles by Porous Stamps. Journal of the American Chemical Society, 2009, 131, 797-803.	13.7	63
115	Fabrication of 3D supramolecular hybrid particle microstructures with controllable morphology and dimensions. Chemical Communications, 2009, , 5521.	4.1	8
116	Free-standing porous supramolecular assemblies of nanoparticles made using a double-templating strategy. Faraday Discussions, 2009, 143, 117.	3.2	7
117	Multivalent Binding of Small Guest Molecules and Proteins to Molecular Printboards inside Microchannels. Chemistry - A European Journal, 2008, 14, 136-142.	3.3	24
118	Reversible Attachment of Nanostructures at Molecular Printboards through Supramolecular Glue. Chemistry of Materials, 2008, 20, 3574-3578.	6.7	51
119	Supramolecular Layer-by-Layer Assembly of 3D Multicomponent Nanostructures via Multivalent Molecular Recognition. International Journal of Molecular Sciences, 2008, 9, 486-497.	4.1	28
120	An in Situ Study of the Adsorption Behavior of Functionalized Particles on Self-Assembled Monolayers via Different Chemical Interactions. Langmuir, 2007, 23, 9990-9999.	3.5	39
121	Patterning the molecular printboard: patterning cyclodextrin monolayers on silicon oxide using nanoimprint lithography and its application in 3D multilayer nanostructuring. Nanotechnology, 2007, 18, 044007.	2.6	41
122	Pt and PtRu nanoparticles deposited on single-wall carbon nanotubes for methanol electro-oxidation. Journal of Power Sources, 2007, 167, 272-280.	7.8	78
123	Ferrocenyl-Functionalized Silica Nanoparticles:Â Preparation, Characterization, and Molecular Recognition at Interfaces. Langmuir, 2006, 22, 8777-8783.	3.5	58
124	Preparation and characterization of Pt/C and PtRu/C electrocatalysts for direct ethanol fuel cells. Journal of Power Sources, 2005, 149, 1-7.	7.8	134
125	Carbon-Supported Pt and PtRu Nanoparticles as Catalysts for a Direct Methanol Fuel Cell. Journal of Physical Chemistry B, 2004, 108, 8234-8240.	2.6	641
126	Nanosized Pt and PtRu colloids as precursors for direct methanol fuel cell catalysts. Journal of Materials Chemistry, 2003, 13, 3049.	6.7	70

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127	Air-stable plasmonic bubbles as a versatile three-dimensional surface-enhanced Raman scattering platform for bi-directional gas sensing. Chemical Communications, 0, , .	4.1	1