

Jwa-Min Nam

List of Publications by Year in descending order

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141
papers

16,611
citations

36303

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19087
citing authors

#	ARTICLE	IF	CITATIONS
1	Ring-in-a-Triangle Nanoframes: Integrating with Intra- and Interhotspots for Highly Amplified Near-Field Focusing. <i>Nano Letters</i> , 2022, 22, 1734-1740.	9.1	14
2	Enormous Enhancement in Single-Particle Surface-Enhanced Raman Scattering with Size-Controllable Au Double Nanorings. <i>Chemistry of Materials</i> , 2022, 34, 2197-2205.	6.7	13
3	Plasmon-Enhanced Spectroscopy. , 2022, , 135-173.		0
4	DNA Nanotechnology for Plasmonics. , 2022, , 271-323.		0
5	Multiplex SNP Genotyping Using SWITCH: Sequence-Specific Nanoparticle with Interpretative Toehold-Mediated Sequence Decoding in Hydrogel. <i>Small</i> , 2022, 18, e2105538.	10.0	7
6	Heterogeneous Component Au (Outer)-Pt (Middle)-Au (Inner) Nanorings: Synthesis and Vibrational Characterization on Middle Pt Nanorings with Surface-Enhanced Raman Scattering. <i>ACS Nano</i> , 2022, 16, 11259-11267.	14.6	11
7	Single-Particle Analysis on Plasmonic Nanogap Systems for Quantitative SERS. <i>Journal of Raman Spectroscopy</i> , 2021, 52, 375-385.	2.5	42
8	Highly Efficient Photothermal Therapy with Cell-Penetrating Peptide-Modified Bumpy Au Triangular Nanoprisms using Low Laser Power and Low Probe Dose. <i>Nano Letters</i> , 2021, 21, 731-739.	9.1	34
9	A rapid and sensitive fluorescence biosensor based on plasmonic PCR. <i>Nanoscale</i> , 2021, 13, 7348-7354.	5.6	19
10	One-Pot Heterointerfacial Metamorphosis for Synthesis and Control of Widely Varying Heterostructured Nanoparticles. <i>Journal of the American Chemical Society</i> , 2021, 143, 3383-3392.	18.7	9
11	Electrochromic response and control of plasmonic metal nanoparticles. <i>Nanoscale</i> , 2021, 13, 9541-9552.	5.6	9
12	Au nanolenses for near-field focusing. <i>Chemical Science</i> , 2021, 12, 6355-6361.	7.4	10
13	DNA-Engineerable Ultraflat-Faceted Core-Shell Nanocuboids with Strong, Quantitative Plasmon-Enhanced Fluorescence Signals for Sensitive, Reliable MicroRNA Detection. <i>Nano Letters</i> , 2021, 21, 2132-2140.	9.1	31
14	Synthesis, Assembly, Optical Properties, and Sensing Applications of Plasmonic Gap Nanostructures. <i>Advanced Materials</i> , 2021, 33, e2006966.	21.0	58
15	Controlled Assembly of Plasmonic Nanoparticles: From Static to Dynamic Nanostructures. <i>Advanced Materials</i> , 2021, 33, e2007668.	21.0	70
16	Web-Cabove-Ca-Ring (WAR) and Web-Cabove-Ca-Lens (WAL): Nanostructures for Highly Engineered Plasmonic-Field Tuning and SERS Enhancement. <i>Small</i> , 2021, 17, e2101262.	10.0	10
17	Au Nanorings with Intertwined Triple Rings. <i>Journal of the American Chemical Society</i> , 2021, 143, 15113-15119.	13.7	14
18	Nontrivial, Unconventional Electrochromic Behaviors of Plasmonic Nanocubes. <i>Nano Letters</i> , 2021, 21, 7512-7518.	9.1	10

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19	Synthesis of morphology controlled PtAu@Ag nanorings through concentric and eccentric growth pathways. <i>Chemical Communications</i> , 2021, 57, 10616-10619.	4.1	4
20	Synthesis, Assembly, Optical Properties, and Sensing Applications of Plasmonic Gap Nanostructures (Adv. Mater. 46/2021). <i>Advanced Materials</i> , 2021, 33, 2170360.	21.0	13
21	Programmable Materials. <i>Advanced Materials</i> , 2021, 33, e2107344.	21.0	8
22	Polysorbate- and DNA-Mediated Synthesis and Strong, Stable, and Tunable Near-Infrared Photoluminescence of Plasmonic Long-Body Nanosnowmen. <i>ACS Nano</i> , 2021, 15, 19853-19863.	14.6	6
23	Present and Future of Surface-Enhanced Raman Scattering. <i>ACS Nano</i> , 2020, 14, 28-117.	14.6	2,153
24	Three-Dimensional Gold Nanosphere Hexamers Linked with Metal Bridges: Near-Field Focusing for Single Particle Surface Enhanced Raman Scattering. <i>Journal of the American Chemical Society</i> , 2020, 142, 15412-15419.	13.7	26
25	Cyclodextrin-Based Synthesis and Host-Guest Chemistry of Plasmonic Nanogap Particles with Strong, Quantitative, and Highly Multiplexable Surface-Enhanced Raman Scattering Signals. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 8358-8364.	4.6	18
26	Nanoparticle-based computing architecture for nanoparticle neural networks. <i>Science Advances</i> , 2020, 6, eabb3348.	10.3	15
27	Synthesis and Surface Plasmonic Characterization of Asymmetric Au Split Nanorings. <i>Nano Letters</i> , 2020, 20, 7774-7782.	9.1	27
28	Synthesis and Single-Particle Surface-Enhanced Raman Scattering Study of Plasmonic Tripod Nanoframes with Y-Shaped Hot-Zones. <i>Nano Letters</i> , 2020, 20, 4362-4369.	9.1	38
29	Silver Double Nanorings with Circular Hot Zone. <i>Journal of the American Chemical Society</i> , 2020, 142, 12341-12348.	13.7	31
30	Detection of Viruses: A Lipid-Nanopillar-Array-Based Immunosorbent Assay (Adv. Mater. 26/2020). <i>Advanced Materials</i> , 2020, 32, 2070195.	21.0	2
31	A sensitive and specific nanosensor for monitoring extracellular potassium levels in the brain. <i>Nature Nanotechnology</i> , 2020, 15, 321-330.	31.5	83
32	A Lipid-Nanopillar-Array-Based Immunosorbent Assay. <i>Advanced Materials</i> , 2020, 32, e2001360.	21.0	18
33	Plasmonic Photothermal Nanoparticles for Biomedical Applications. <i>Advanced Science</i> , 2019, 6, 1900471.	11.2	420
34	Statistical Modeling of Ligand-Mediated Multimeric Nanoparticle Assembly. <i>Journal of Physical Chemistry C</i> , 2019, 123, 21195-21206.	3.1	4
35	Plasmonic colloidosomes of black gold for solar energy harvesting and hotspots directed catalysis for CO ₂ to fuel conversion. <i>Chemical Science</i> , 2019, 10, 6594-6603.	7.4	89
36	Plasmonic Nanoparticle-Interfaced Lipid Bilayer Membranes. <i>Accounts of Chemical Research</i> , 2019, 52, 2793-2805.	15.6	15

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37	Hierarchic Interfacial Nanocube Assembly for Sensitive, Selective, and Quantitative DNA Detection with Surface-Enhanced Raman Scattering. <i>Analytical Chemistry</i> , 2019, 91, 10467-10476.	6.5	31
38	Biocomputing with Nanostructures on Lipid Bilayers. <i>Small</i> , 2019, 15, e1900998.	10.0	10
39	Nano-bio-computing lipid nanotablet. <i>Science Advances</i> , 2019, 5, eaau2124.	10.3	28
40	Chemical Nanoplasmonics: Emerging Interdisciplinary Research Field at Crossroads between Nanoscale Chemistry and Plasmonics. <i>Accounts of Chemical Research</i> , 2019, 52, 2995-2996.	15.6	14
41	Surface-enhanced Raman scattering-based detection of hazardous chemicals in various phases and matrices with plasmonic nanostructures. <i>Nanoscale</i> , 2019, 11, 20379-20391.	5.6	42
42	Multicomponent Plasmonic Nanoparticles: From Heterostructured Nanoparticles to Colloidal Composite Nanostructures. <i>Chemical Reviews</i> , 2019, 119, 12208-12278.	47.7	289
43	Metal alloy hybrid nanoparticles with enhanced catalytic activities in fuel cell applications. <i>Journal of Solid State Chemistry</i> , 2019, 270, 295-303.	2.9	26
44	Nonnobleâ€Metalâ€Based Plasmonic Nanomaterials: Recent Advances and Future Perspectives. <i>Advanced Materials</i> , 2018, 30, e1704528.	21.0	160
45	Dealloyed Intra-Nanogap Particles with Highly Robust, Quantifiable Surface-Enhanced Raman Scattering Signals for Biosensing and Bioimaging Applications. <i>ACS Central Science</i> , 2018, 4, 277-287.	11.3	54
46	Plasmonic Nanomaterials: Nonnobleâ€Metalâ€Based Plasmonic Nanomaterials: Recent Advances and Future Perspectives (<i>Adv. Mater.</i> 42/2018). <i>Advanced Materials</i> , 2018, 30, 1870320.	21.0	19
47	Water-soluble, lignin-derived carbon dots with high fluorescent emissions and their applications in bioimaging. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 66, 387-395.	5.8	50
48	Precisely Shaped, Uniformly Formed Gold Nanocubes with Ultrahigh Reproducibility in Single-Particle Scattering and Surface-Enhanced Raman Scattering. <i>Nano Letters</i> , 2018, 18, 6475-6482.	9.1	138
49	Quantitative Nanoplasmonics. <i>ACS Central Science</i> , 2018, 4, 1303-1314.	11.3	38
50	Optokinetically Encoded Nanoprobe-Based Multiplexing Strategy for MicroRNA Profiling. <i>Journal of the American Chemical Society</i> , 2017, 139, 3558-3566.	13.7	59
51	Golden Opportunities: Plasmonic Gold Nanostructures for Biomedical Applications based on the Second Nearâ€Infrared Window. <i>Small Methods</i> , 2017, 1, 1600032.	8.6	99
52	Hotâ€Electronâ€Mediated Photochemical Reactions: Principles, Recent Advances, and Challenges. <i>Advanced Optical Materials</i> , 2017, 5, 1700004.	7.3	142
53	Associating and Dissociating Nanodimer Analysis for Quantifying Ultrasmall Amounts of DNA. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9877-9880.	13.8	22
54	Emerging plasmonic nanostructures for controlling and enhancing photoluminescence. <i>Chemical Science</i> , 2017, 8, 4696-4704.	7.4	78

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55	Myoglobin and Polydopamine-Engineered Raman Nanoprobes for Detecting, Imaging, and Monitoring Reactive Oxygen Species in Biological Samples and Living Cells. <i>Small</i> , 2017, 13, 1701584.	10.0	44
56	Transformative Heterointerface Evolution and Plasmonic Tuning of Anisotropic Trimetallic Nanoparticles. <i>Journal of the American Chemical Society</i> , 2017, 139, 10180-10183.	13.7	53
57	Associating and Dissociating Nanodimer Analysis for Quantifying Ultrasmall Amounts of DNA. <i>Angewandte Chemie</i> , 2017, 129, 10009-10012.	2.0	2
58	Hot-Electron-Mediated Reactions: Hot-Electron-Mediated Photochemical Reactions: Principles, Recent Advances, and Challenges (<i>Advanced Optical Materials</i> 15/2017). <i>Advanced Optical Materials</i> , 2017, 5, .	7.3	4
59	Sensitive, Quantitative Naked-Eye Biodetection with Polyhedral Cu Nanoshells. <i>Advanced Materials</i> , 2017, 29, 1702945.	21.0	33
60	Frontiers in Nanointerfaces Research. <i>Small</i> , 2017, 13, 1703364.	10.0	2
61	Assembling and Powering Up Nanostructures!. <i>ChemNanoMat</i> , 2017, 3, 668-669.	2.8	0
62	Mitochondrial oxidative phosphorylation complexes exist in the sarcolemma of skeletal muscle. <i>BMB Reports</i> , 2016, 49, 116-121.	2.4	12
63	Synthesis, Optical Properties, and Multiplexed Raman Bio-Imaging of Surface Roughness-Controlled Nanobridged Nanogap Particles. <i>Small</i> , 2016, 12, 4726-4734.	10.0	54
64	Protein-Nanoparticle Interaction-Induced Changes in Protein Structure and Aggregation. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1869-1877.	3.3	45
65	How Do the Size, Charge and Shape of Nanoparticles Affect Amyloid β Aggregation on Brain Lipid Bilayer?. <i>Scientific Reports</i> , 2016, 6, 19548.	3.3	88
66	Dealloying-based facile synthesis and highly catalytic properties of Au core/porous shell nanoparticles. <i>Nanoscale</i> , 2016, 8, 11707-11717.	5.6	38
67	Plasmonically Engineered Nanoprobes for Biomedical Applications. <i>Journal of the American Chemical Society</i> , 2016, 138, 14509-14525.	13.7	183
68	Metal Nanoparticles for Virus Detection. <i>ChemNanoMat</i> , 2016, 2, 927-936.	2.8	22
69	Sub-one-nanometer gap (SONG) for nanogap-enhanced Raman scattering (NERS). <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
70	Plasmonic Nanogap-Enhanced Raman Scattering with Nanoparticles. <i>Accounts of Chemical Research</i> , 2016, 49, 2746-2755.	15.6	331
71	Highly Controlled Synthesis and Super-Radiant Photoluminescence of Plasmonic Cube-in-Cube Nanoparticles. <i>Nano Letters</i> , 2016, 16, 7962-7967.	9.1	45
72	Thermally Controlled, Patterned Graphene Transfer Printing for Transparent and Wearable Electronic/Optoelectronic System. <i>Advanced Functional Materials</i> , 2015, 25, 7109-7118.	14.9	155

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73	Controlled Co-Assembly of Nanoparticles and Polymer into Ultralong and Continuous One-Dimensional Nanochains. <i>Journal of the American Chemical Society</i> , 2015, 137, 8030-8033.	13.7	35
74	Transparent, Nanoporous, and Transferable Membrane-Based Cell-Cell Paracrine Signaling Assay. <i>Advanced Materials</i> , 2015, 27, 1893-1899.	21.0	11
75	Quantitative Plasmon Mode and Surface-Enhanced Raman Scattering Analyses of Strongly Coupled Plasmonic Nanotrimers with Diverse Geometries. <i>Nano Letters</i> , 2015, 15, 4628-4636.	9.1	51
76	Radionuclide-labeled nanostructures for In Vivo imaging of cancer. <i>Nano Convergence</i> , 2015, 2, .	12.1	13
77	Membranes: Transparent, Nanoporous, and Transferable Membrane-Based Cell-Cell Paracrine Signaling Assay (<i>Adv. Mater.</i> 11/2015). <i>Advanced Materials</i> , 2015, 27, 1802-1802.	21.0	0
78	Dark-Field-Based Observation of Single-Nanoparticle Dynamics on a Supported Lipid Bilayer for In Situ Analysis of Interacting Molecules and Nanoparticles. <i>ChemPhysChem</i> , 2015, 16, 77-84.	2.1	4
79	Supported lipid bilayers as dynamic platforms for tethered particles. <i>Nanoscale</i> , 2015, 7, 66-76.	5.6	13
80	Correlation studies between localized surface plasmons and surface-enhanced Raman scattering of Gold-Silver NanoDumbbells (GSNDs) at the single-particle and single-molecule level. , 2014, , .		0
81	Oxidative Nanopeeling Chemistry-Based Synthesis and Photodynamic and Photothermal Therapeutic Applications of Plasmonic Core-Petal Nanostructures. <i>Journal of the American Chemical Society</i> , 2014, 136, 16317-16325.	13.7	152
82	Amyloid- β Aggregation with Gold Nanoparticles on Brain Lipid Bilayer. <i>Small</i> , 2014, 10, 1779-1789.	10.0	25
83	Thiolated DNA-Based Chemistry and Control in the Structure and Optical Properties of Plasmonic Nanoparticles with Ultrasmall Interior Nanogap. <i>Journal of the American Chemical Society</i> , 2014, 136, 14052-14059.	13.7	122
84	Plasmonic Nanosnowmen with a Conductive Junction as Highly Tunable Nanoantenna Structures and Sensitive, Quantitative and Multiplexable Surface-Enhanced Raman Scattering Probes. <i>Nano Letters</i> , 2014, 14, 6217-6225.	9.1	127
85	Massively Parallel and Highly Quantitative Single-Particle Analysis on Interactions between Nanoparticles on Supported Lipid Bilayer. <i>Journal of the American Chemical Society</i> , 2014, 136, 4081-4088.	13.7	48
86	Bio-barcode gel assay for microRNA. <i>Nature Communications</i> , 2014, 5, 3367.	12.8	85
87	Surface Passivation for Single-molecule Protein Studies. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	153
88	High-precision measurement-based correlation studies among atomic force microscopy, Rayleigh scattering, and surface-enhanced Raman scattering at the single-molecule level. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 4243.	2.8	11
89	Natural Polypeptide-Based Supramolecular Nanogels for Stable Noncovalent Encapsulation. <i>Biomacromolecules</i> , 2013, 14, 3515-3522.	5.4	49
90	Protein-coated nanofibers for promotion of T cell activity. <i>Chemical Communications</i> , 2013, 49, 3949.	4.1	7

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91	Tuning and assembling metal nanostructures with DNA. <i>Chemical Communications</i> , 2013, 49, 2597.	4.1	49
92	Glutathione Dimerization-Based Plasmonic Nanoswitch for Biodetection of Reactive Oxygen and Nitrogen Species. <i>ACS Nano</i> , 2013, 7, 2221-2230.	14.6	48
93	Lipid-nanostructure hybrids and their applications in nanobiotechnology. <i>NPG Asia Materials</i> , 2013, 5, e48-e48.	7.9	46
94	Single-Molecule and Single-Particle-Based Correlation Studies between Localized Surface Plasmons of Dimeric Nanostructures with ~ 1 nm Gap and Surface-Enhanced Raman Scattering. <i>Nano Letters</i> , 2013, 13, 6113-6121.	9.1	76
95	DNA-tailored plasmonic nanoparticles for biosensing applications. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2013, 5, 96-109.	6.1	14
96	Directional Synthesis and Assembly of Bimetallic Nanosnowmen with DNA. <i>Journal of the American Chemical Society</i> , 2012, 134, 5456-5459.	13.7	107
97	Engineered Nanostructures for the Ultrasensitive DNA Detection. <i>Soft and Biological Matter</i> , 2012, , 67-87.	0.3	2
98	Tuning and Maximizing the Single-Molecule Surface-Enhanced Raman Scattering from DNA-Tethered Nanodumbbells. <i>ACS Nano</i> , 2012, 6, 9574-9584.	14.6	134
99	Electrofluidic Lipid Membrane Biosensor. <i>Small</i> , 2012, 8, 832-837.	10.0	16
100	Fabrication and verification of DNA functionalized nanopore with gold layer embedded structure for bio-molecular sensing. , 2011, , .		0
101	Highly stable, amphiphilic DNA-encoded nanoparticle conjugates for DNA encoding/decoding applications. <i>Journal of Materials Chemistry</i> , 2011, 21, 9467.	6.7	10
102	Nanoparticle-Functionalized Polymer Platform for Controlling Metastatic Cancer Cell Adhesion, Shape, and Motility. <i>ACS Nano</i> , 2011, 5, 5444-5456.	14.6	31
103	Responsive nematic gels from the self-assembly of aqueous nanofibres. <i>Nature Communications</i> , 2011, 2, 459.	12.8	105
104	UV/Ozone-Oxidized Large-Scale Graphene Platform with Large Chemical Enhancement in Surface-Enhanced Raman Scattering. <i>ACS Nano</i> , 2011, 5, 9799-9806.	14.6	350
105	Highly uniform and reproducible surface-enhanced Raman scattering from DNA-tailorable nanoparticles with 1-nm interior gap. <i>Nature Nanotechnology</i> , 2011, 6, 452-460.	31.5	1,009
106	Fibronectin-Carbon-Nanotube Hybrid Nanostructures for Controlled Cell Growth. <i>Small</i> , 2011, 7, 56-61.	10.0	71
107	Minimally Stable Nanoparticle-Based Colorimetric Assay for Simple, Rapid, and Sensitive Antibody Structure and Activity Evaluation. <i>Small</i> , 2011, 7, 648-655.	10.0	15
108	Hybrid Nanostructures: Fibronectin-Carbon-Nanotube Hybrid Nanostructures for Controlled Cell Growth (<i>Small</i> 1/2011). <i>Small</i> , 2011, 7, 55-55.	10.0	0

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109	Tumor Targeting and Imaging Using Cyclic RGD-PEGylated Gold Nanoparticle Probes with Directly Conjugated Iodine-125. <i>Small</i> , 2011, 7, 2052-2060.	10.0	173
110	Biomimetic Nanopatterns as Enabling Tools for Analysis and Control of Live Cells. <i>Advanced Materials</i> , 2010, 22, 4551-4566.	21.0	149
111	Multifunctional nanocomposite membrane for chemomechanical transducer. <i>Sensors and Actuators B: Chemical</i> , 2010, 147, 691-696.	7.8	14
112	Nanogap-engineerable Raman-active nanodumbbells for single-molecule detection. <i>Nature Materials</i> , 2010, 9, 60-67.	27.5	1,083
113	Restriction-Enzyme-Coded Gold Nanoparticle Probes for Multiplexed DNA Detection. <i>Small</i> , 2009, 5, 2665-2668.	10.0	31
114	Tunable Layer-by-Layer Polyelectrolyte Platforms for Comparative Cell Assays. <i>Biomacromolecules</i> , 2009, 10, 2254-2260.	5.4	26
115	Single Nanoparticle Tracking-Based Detection of Membrane Receptor-Ligand Interactions. <i>Analytical Chemistry</i> , 2009, 81, 2564-2568.	6.5	35
116	Functional nanomaterial-based amplified bio-detection strategies. <i>Journal of Materials Chemistry</i> , 2009, 19, 2107.	6.7	16
117	Direct-Write Nanoparticle Microarrays for Cell Assays. <i>Small</i> , 2008, 4, 1930-1935.	10.0	10
118	Lipid-Gold Nanoparticle Hybrid-Based Gene Delivery. <i>Small</i> , 2008, 4, 1651-1655.	10.0	60
119	Ultrasensitive optical biodiagnostic methods using metallic nanoparticles. <i>Nanomedicine</i> , 2008, 3, 215-232.	3.3	58
120	DNA-embedded Au/Ag core-shell nanoparticles. <i>Chemical Communications</i> , 2008, , 5312.	4.1	84
121	Stepwise silver-staining-based immunosorbent assay for amyloid- β autoantibody detection. <i>Nanomedicine</i> , 2008, 3, 485-493.	3.3	5
122	Carbon Nanotube Monolayer Patterns for Directed Growth of Mesenchymal Stem Cells. <i>Advanced Materials</i> , 2007, 19, 2530-2534.	21.0	75
123	Detection of proteins using a colorimetric bio-barcode assay. <i>Nature Protocols</i> , 2007, 2, 1438-1444.	12.0	113
124	A bio-barcode assay for on-chip attomolar-sensitivity protein detection. <i>Lab on A Chip</i> , 2006, 6, 1293.	6.0	199
125	A Fluorophore-Based Bio-Barcode Amplification Assay for Proteins. <i>Small</i> , 2006, 2, 103-108.	10.0	131
126	A Fluid Membrane-Based Soluble Ligand-Display System for Live-Cell Assays. <i>ChemBioChem</i> , 2006, 7, 436-440.	2.6	35

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127	A modular microfluidic architecture for integrated biochemical analysis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 9745-9750.	7.1	177
128	Nanoparticle-based detection in cerebral spinal fluid of a soluble pathogenic biomarker for Alzheimer's disease. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 2273-2276.	7.1	790
129	Colorimetric Bio-Barcode Amplification Assay for Cytokines. Analytical Chemistry, 2005, 77, 6985-6988.	6.5	120
130	Cyclopentane-modified PNA improves the sensitivity of nanoparticle-based scanometric DNA detection. Chemical Communications, 2005, , 2101.	4.1	23
131	Bioactive Protein Nanoarrays on Nickel Oxide Surfaces Formed by Dip-Pen Nanolithography. Angewandte Chemie - International Edition, 2004, 43, 1246-1249.	13.8	120
132	Bio-Bar-Code-Based DNA Detection with PCR-like Sensitivity. Journal of the American Chemical Society, 2004, 126, 5932-5933.	13.7	750
133	Nanoparticle-Based Bio-Bar Codes for the Ultrasensitive Detection of Proteins. Science, 2003, 301, 1884-1886.	12.6	2,354
134	Real-Time Multicolor DNA Detection with Chemoresponsive Diffraction Gratings and Nanoparticle Probes. Journal of the American Chemical Society, 2003, 125, 13541-13547.	13.7	138
135	Living Templates for the Hierarchical Assembly of Gold Nanoparticles. Angewandte Chemie - International Edition, 2003, 42, 2306-2309.	13.8	132
136	Direct-Write Dip-Pen Nanolithography of Proteins on Modified Silicon Oxide Surfaces. Angewandte Chemie - International Edition, 2003, 42, 2309-2312.	13.8	208
137	Raman Dye-Labeled Nanoparticle Probes for Proteins. Journal of the American Chemical Society, 2003, 125, 14676-14677.	13.7	446
138	Single-Walled Carbon Nanotubes and C60 Encapsulated by a Molecular Macrocyclic. Journal of Physical Chemistry B, 2003, 107, 4705-4710.	2.6	8
139	PCR-like sensitivity for proteins with bio-bar-code amplification. Discovery Medicine, 2003, 3, 58-60.	0.5	4
140	Bio-Barcodes Based on Oligonucleotide-Modified Nanoparticles. Journal of the American Chemical Society, 2002, 124, 3820-3821.	13.7	263
141	Trends and Perspectives in Bio- and Eco-friendly Sustainable Nanomaterial Delivery Systems Through Biological Barriers. Materials Chemistry Frontiers, 0, , .	5.9	4