

# Peter Nordlander

## List of Publications by Year in descending order

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432  
papers

75,609  
citations

416

132  
h-index

507

268  
g-index

437  
all docs

437  
docs citations

437  
times ranked

40414  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Hybridization Model for the Plasmon Response of Complex Nanostructures. <i>Science</i> , 2003, 302, 419-422.	6.0	3,531
2	The Fano resonance in plasmonic nanostructures and metamaterials. <i>Nature Materials</i> , 2010, 9, 707-715.	13.3	3,352
3	Plasmons in Strongly Coupled Metallic Nanostructures. <i>Chemical Reviews</i> , 2011, 111, 3913-3961.	23.0	2,663
4	Plasmon-induced hot carrier science and technology. <i>Nature Nanotechnology</i> , 2015, 10, 25-34.	15.6	2,564
5	Photodetection with Active Optical Antennas. <i>Science</i> , 2011, 332, 702-704.	6.0	1,760
6	Plasmon Hybridization in Nanoparticle Dimers. <i>Nano Letters</i> , 2004, 4, 899-903.	4.5	1,538
7	Unraveling Nanotubes: Field Emission from an Atomic Wire. <i>Science</i> , 1995, 269, 1550-1553.	6.0	1,525
8	Self-Assembled Plasmonic Nanoparticle Clusters. <i>Science</i> , 2010, 328, 1135-1138.	6.0	1,362
9	Hot Electrons Do the Impossible: Plasmon-Induced Dissociation of H <sub>2</sub> on Au. <i>Nano Letters</i> , 2013, 13, 240-247.	4.5	1,332
10	Surface-Enhanced Raman Scattering from Individual Au Nanoparticles and Nanoparticle Dimer Substrates. <i>Nano Letters</i> , 2005, 5, 1569-1574.	4.5	1,070
11	Solar Vapor Generation Enabled by Nanoparticles. <i>ACS Nano</i> , 2013, 7, 42-49.	7.3	1,053
12	Aluminum for Plasmonics. <i>ACS Nano</i> , 2014, 8, 834-840.	7.3	1,018
13	Diverse Applications of Nanomedicine. <i>ACS Nano</i> , 2017, 11, 2313-2381.	7.3	976
14	Symmetry Breaking in Plasmonic Nanocavities: Subradiant LSPR Sensing and a Tunable Fano Resonance. <i>Nano Letters</i> , 2008, 8, 3983-3988.	4.5	954
15	Plasmon Resonances of a Gold Nanostar. <i>Nano Letters</i> , 2007, 7, 729-732.	4.5	838
16	Bridging quantum and classical plasmonics with a quantum-corrected model. <i>Nature Communications</i> , 2012, 3, 825.	5.8	797
17	Quantum Description of the Plasmon Resonances of a Nanoparticle Dimer. <i>Nano Letters</i> , 2009, 9, 887-891.	4.5	781
18	Quantifying hot carrier and thermal contributions in plasmonic photocatalysis. <i>Science</i> , 2018, 362, 69-72.	6.0	756

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19	Nanorice: A Hybrid Plasmonic Nanostructure. <i>Nano Letters</i> , 2006, 6, 827-832.	4.5	742
20	Metallic Nanoparticle Arrays: A Common Substrate for Both Surface-Enhanced Raman Scattering and Surface-Enhanced Infrared Absorption. <i>ACS Nano</i> , 2008, 2, 707-718.	7.3	730
21	Fano Resonances in Individual Coherent Plasmonic Nanocavities. <i>Nano Letters</i> , 2009, 9, 1663-1667.	4.5	665
22	Substrate-Induced Fano Resonances of a Plasmonic Nanocube: A Route to Increased-Sensitivity Localized Surface Plasmon Resonance Sensors Revealed. <i>Nano Letters</i> , 2011, 11, 1657-1663.	4.5	649
23	Plasmon-Induced Hot Carriers in Metallic Nanoparticles. <i>ACS Nano</i> , 2014, 8, 7630-7638.	7.3	638
24	Plasmonic Nanostructures: Artificial Molecules. <i>Accounts of Chemical Research</i> , 2007, 40, 53-62.	7.6	635
25	Gated Tunability and Hybridization of Localized Plasmons in Nanostructured Graphene. <i>ACS Nano</i> , 2013, 7, 2388-2395.	7.3	622
26	Plasmonic colour generation. <i>Nature Reviews Materials</i> , 2017, 2, .	23.3	620
27	Graphene-Antenna Sandwich Photodetector. <i>Nano Letters</i> , 2012, 12, 3808-3813.	4.5	615
28	Quantum mechanical effects in plasmonic structures with subnanometre gaps. <i>Nature Communications</i> , 2016, 7, 11495.	5.8	605
29	Fano Resonances in Plasmonic Nanoclusters: Geometrical and Chemical Tunability. <i>Nano Letters</i> , 2010, 10, 3184-3189.	4.5	601
30	Active Tunable Absorption Enhancement with Graphene Nanodisk Arrays. <i>Nano Letters</i> , 2014, 14, 299-304.	4.5	565
31	Narrowband photodetection in the near-infrared with a plasmon-induced hot electron device. <i>Nature Communications</i> , 2013, 4, 1643.	5.8	552
32	Plexcitonic Nanoparticles: Plasmon-Exciton Coupling in Nanoshell-Aggregate Complexes. <i>Nano Letters</i> , 2008, 8, 3481-3487.	4.5	523
33	Plasmonic Hot Electron Induced Structural Phase Transition in a MoS <sub>2</sub> Monolayer. <i>Advanced Materials</i> , 2014, 26, 6467-6471.	11.1	516
34	Plasmon hybridization in spherical nanoparticles. <i>Journal of Chemical Physics</i> , 2004, 120, 5444-5454.	1.2	498
35	Aluminum Plasmonic Nanoantennas. <i>Nano Letters</i> , 2012, 12, 6000-6004.	4.5	497
36	Tunability of Subradiant Dipolar and Fano-Type Plasmon Resonances in Metallic Ring/Disk Cavities: Implications for Nanoscale Optical Sensing. <i>ACS Nano</i> , 2009, 3, 643-652.	7.3	469

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37	Light-driven methane dry reforming with single atomic site antenna-reactor plasmonic photocatalysts. <i>Nature Energy</i> , 2020, 5, 61-70.	19.8	466
38	Close Encounters between Two Nanoshells. <i>Nano Letters</i> , 2008, 8, 1212-1218.	4.5	462
39	Hot-Electron-Induced Dissociation of H <sub>2</sub> on Gold Nanoparticles Supported on SiO <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 2014, 136, 64-67.	6.6	458
40	Near-Field Mediated Plexcitonic Coupling and Giant Rabi Splitting in Individual Metallic Dimers. <i>Nano Letters</i> , 2013, 13, 3281-3286.	4.5	445
41	Plasmonic Nanoclusters: Near Field Properties of the Fano Resonance Interrogated with SERS. <i>Nano Letters</i> , 2012, 12, 1660-1667.	4.5	442
42	Quantum Plasmonics: Nonlinear Effects in the Field Enhancement of a Plasmonic Nanoparticle Dimer. <i>Nano Letters</i> , 2012, 12, 1333-1339.	4.5	424
43	Heterodimers: Plasmonic Properties of Mismatched Nanoparticle Pairs. <i>ACS Nano</i> , 2010, 4, 819-832.	7.3	422
44	Compact solar autoclave based on steam generation using broadband light-harvesting nanoparticles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11677-11681.	3.3	421
45	Substrates Matter: Influence of an Adjacent Dielectric on an Individual Plasmonic Nanoparticle. <i>Nano Letters</i> , 2009, 9, 2188-2192.	4.5	414
46	Hydrogen adsorption on metal surfaces. <i>Surface Science</i> , 1984, 136, 59-81.	0.8	400
47	Evolution of Light-Induced Vapor Generation at a Liquid-Immersed Metallic Nanoparticle. <i>Nano Letters</i> , 2013, 13, 1736-1742.	4.5	394
48	Experimental Realization of Subradiant, Superradiant, and Fano Resonances in Ring/Disk Plasmonic Nanocavities. <i>ACS Nano</i> , 2010, 4, 1664-1670.	7.3	390
49	Heterometallic antenna-reactor complexes for photocatalysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8916-8920.	3.3	381
50	Nanoparticles Heat through Light Localization. <i>Nano Letters</i> , 2014, 14, 4640-4645.	4.5	379
51	Plasmon-Induced Doping of Graphene. <i>ACS Nano</i> , 2012, 6, 10222-10228.	7.3	356
52	Quantum Plexcitonics: Strongly Interacting Plasmons and Excitons. <i>Nano Letters</i> , 2011, 11, 2318-2323.	4.5	354
53	Nanophotonics-enabled solar membrane distillation for off-grid water purification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6936-6941.	3.3	348
54	Fano-like Interference in Self-Assembled Plasmonic Quadrumer Clusters. <i>Nano Letters</i> , 2010, 10, 4680-4685.	4.5	343

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55	A Plasmonic Fano Switch. <i>Nano Letters</i> , 2012, 12, 4977-4982.	4.5	342
56	Magnetic <sup>2</sup> Plasmonic Core <sup>2</sup> Shell Nanoparticles. <i>ACS Nano</i> , 2009, 3, 1379-1388.	7.3	337
57	Light-Induced Release of DNA from Gold Nanoparticles: Nanoshells and Nanorods. <i>Journal of the American Chemical Society</i> , 2011, 133, 12247-12255.	6.6	334
58	Plasmon Hybridization in Nanoparticles near Metallic Surfaces. <i>Nano Letters</i> , 2004, 4, 2209-2213.	4.5	332
59	Electron Energy-Loss Spectroscopy (EELS) of Surface Plasmons in Single Silver Nanoparticles and Dimers: Influence of Beam Damage and Mapping of Dark Modes. <i>ACS Nano</i> , 2009, 3, 3015-3022.	7.3	322
60	On the Energy Shift between Near-Field and Far-Field Peak Intensities in Localized Plasmon Systems. <i>Nano Letters</i> , 2011, 11, 1280-1283.	4.5	321
61	Distinguishing between plasmon-induced and photoexcited carriers in a device geometry. <i>Nature Communications</i> , 2015, 6, 7797.	5.8	311
62	Plasmon-induced selective carbon dioxide conversion on earth-abundant aluminum-cuprous oxide antenna-reactor nanoparticles. <i>Nature Communications</i> , 2017, 8, 27.	5.8	308
63	Mechanisms of Fano Resonances in Coupled Plasmonic Systems. <i>ACS Nano</i> , 2013, 7, 4527-4536.	7.3	304
64	Fano Resonances in Plasmonic Nanoparticle Aggregates. <i>Journal of Physical Chemistry A</i> , 2009, 113, 4028-4034.	1.1	302
65	Optical Properties of Metallo-dielectric Nanostructures Calculated Using the Finite Difference Time Domain Method. <i>Journal of Physical Chemistry B</i> , 2004, 108, 17740-17747.	1.2	296
66	Electromigrated Nanoscale Gaps for Surface-Enhanced Raman Spectroscopy. <i>Nano Letters</i> , 2007, 7, 1396-1400.	4.5	295
67	Aluminum Nanocrystals as a Plasmonic Photocatalyst for Hydrogen Dissociation. <i>Nano Letters</i> , 2016, 16, 1478-1484.	4.5	294
68	Fanoshells: Nanoparticles with Built-in Fano Resonances. <i>Nano Letters</i> , 2010, 10, 2694-2701.	4.5	288
69	Embedding Plasmonic Nanostructure Diodes Enhances Hot Electron Emission. <i>Nano Letters</i> , 2013, 13, 1687-1692.	4.5	283
70	Symmetry breaking in individual plasmonic nanoparticles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 10856-10860.	3.3	270
71	Simultaneous Measurements of Electronic Conduction and Raman Response in Molecular Junctions. <i>Nano Letters</i> , 2008, 8, 919-924.	4.5	270
72	Manipulating Coherent Plasmon <sup>2</sup> Exciton Interaction in a Single Silver Nanorod on Monolayer WSe <sub>2</sub> . <i>Nano Letters</i> , 2017, 17, 3809-3814.	4.5	270

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73	Vivid, full-color aluminum plasmonic pixels. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14348-14353.	3.3	269
74	Polarization Dependence of Surface-Enhanced Raman Scattering in Gold Nanoparticle~Nanowire Systems. Nano Letters, 2008, 8, 2497-2502.	4.5	268
75	Quantum Dot-Based Local Field Imaging Reveals Plasmon-Based Interferometric Logic in Silver Nanowire Networks. Nano Letters, 2011, 11, 471-475.	4.5	267
76	Branched Silver Nanowires as Controllable Plasmon Routers. Nano Letters, 2010, 10, 1950-1954.	4.5	264
77	Coherent anti-Stokes Raman scattering with single-molecule sensitivity using a plasmonic Fano resonance. Nature Communications, 2014, 5, 4424.	5.8	252
78	Electronic Structure and Optical Properties of Gold Nanoshells. Nano Letters, 2003, 3, 1411-1415.	4.5	248
79	Structural Tunability of the Plasmon Resonances in Metallic Nanoshells. Nano Letters, 2003, 3, 543-547.	4.5	245
80	Plasmon Modes of Nanosphere Trimers and Quadrumers. Journal of Physical Chemistry B, 2006, 110, 12302-12310.	1.2	236
81	Two-Dimensional Active Tuning of an Aluminum Plasmonic Array for Full-Spectrum Response. Nano Letters, 2017, 17, 6034-6039.	4.5	235
82	Fan-Shaped Gold Nanoantennas above Reflective Substrates for Surface-Enhanced Infrared Absorption (SEIRA). Nano Letters, 2015, 15, 1272-1280.	4.5	227
83	Chiral Surface Plasmon Polaritons on Metallic Nanowires. Physical Review Letters, 2011, 107, 096801.	2.9	225
84	Quantum Plasmonics: Optical Properties and Tunability of Metallic Nanorods. ACS Nano, 2010, 4, 5269-5276.	7.3	224
85	Energy shifts and broadening of atomic levels near metal surfaces. Physical Review B, 1990, 42, 5564-5578.	1.1	223
86	Optical Spectroscopy of Conductive Junctions in Plasmonic Cavities. Nano Letters, 2010, 10, 3090-3095.	4.5	221
87	Shedding light on dark plasmons in gold nanorings. Chemical Physics Letters, 2008, 458, 262-266.	1.2	215
88	Nanosphere-in-a-Nanoshell: A Simple Nanomatryushka. Journal of Physical Chemistry C, 2010, 114, 7378-7383.	1.5	214
89	Finite-difference Time-domain Studies of the Optical Properties of Nanoshell Dimers. Journal of Physical Chemistry B, 2005, 109, 10042-10051.	1.2	213
90	Surface-Enhanced Infrared Absorption Using Individual Cross Antennas Tailored to Chemical Moieties. Journal of the American Chemical Society, 2013, 135, 3688-3695.	6.6	212

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91	Effects of Symmetry Breaking and Conductive Contact on the Plasmon Coupling in Gold Nanorod Dimers. ACS Nano, 2010, 4, 4657-4666.	7.3	211
92	Nanoparticle-Mediated Coupling of Light into a Nanowire. Nano Letters, 2007, 7, 2346-2350.	4.5	210
93	Surface enhanced infrared absorption (SEIRA) spectroscopy on nanoshell aggregate substrates. Chemical Physics Letters, 2008, 452, 115-119.	1.2	210
94	Remote-Excitation Surface-Enhanced Raman Scattering Using Propagating Ag Nanowire Plasmons. Nano Letters, 2009, 9, 2049-2053.	4.5	209
95	Fano Resonant Aluminum Nanoclusters for Plasmonic Colorimetric Sensing. ACS Nano, 2015, 9, 10628-10636.	7.3	209
96	Unidirectional Broadband Light Emission from Supported Plasmonic Nanowires. Nano Letters, 2011, 11, 706-711.	4.5	205
97	Designing and Deconstructing the Fano Lineshape in Plasmonic Nanoclusters. Nano Letters, 2012, 12, 1058-1062.	4.5	205
98	Energy Shifts and Broadening of Excited Hydrogen-Atom Levels in the Vicinity of a Metal Surface. Physical Review Letters, 1988, 61, 990-993.	2.9	203
99	Balancing Near-Field Enhancement, Absorption, and Scattering for Effective Antenna-Reactor Plasmonic Photocatalysis. Nano Letters, 2017, 17, 3710-3717.	4.5	202
100	Efficient dielectric function for FDTD simulation of the optical properties of silver and gold nanoparticles. Chemical Physics Letters, 2007, 446, 115-118.	1.2	201
101	Robust Subnanometric Plasmon Ruler by Rescaling of the Nonlocal Optical Response. Physical Review Letters, 2013, 110, 263901.	2.9	198
102	Al-Pd Nanodisk Heterodimers as Antenna-Reactor Photocatalysts. Nano Letters, 2016, 16, 6677-6682.	4.5	196
103	Influence of dielectric function properties on the optical response of plasmon resonant metallic nanoparticles. Chemical Physics Letters, 2004, 399, 167-171.	1.2	190
104	Removing a Wedge from a Metallic Nanodisk Reveals a Fano Resonance. Nano Letters, 2011, 11, 4475-4479.	4.5	190
105	Coherent Fano resonances in a plasmonic nanocluster enhance optical four-wave mixing. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9215-9219.	3.3	190
106	Active Light Control of the MoS <sub>2</sub> Monolayer Exciton Binding Energy. ACS Nano, 2015, 9, 10158-10164.	7.3	190
107	Fluorescence Enhancement of Molecules Inside a Gold Nanomatryoshka. Nano Letters, 2014, 14, 2926-2933.	4.5	188
108	Nanogapped Au Antennas for Ultrasensitive Surface-Enhanced Infrared Absorption Spectroscopy. Nano Letters, 2017, 17, 5768-5774.	4.5	187

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109	Breaking individual chemical bonds via STM-induced excitations. <i>Surface Science</i> , 1996, 363, 368-377.	0.8	182
110	Color-selective and CMOS-compatible Photodetection Based on Aluminum Plasmonics. <i>Advanced Materials</i> , 2014, 26, 6318-6323.	11.1	178
111	Derivation of a master equation for charge-transfer processes in atom-surface collisions. <i>Physical Review B</i> , 1991, 43, 2541-2557.	1.1	174
112	Aluminum Nanocrystals: A Sustainable Substrate for Quantitative SERS-Based DNA Detection. <i>Nano Letters</i> , 2017, 17, 5071-5077.	4.5	173
113	Aluminum Nanocrystals. <i>Nano Letters</i> , 2015, 15, 2751-2755.	4.5	169
114	Three-Dimensional Plasmonic Nanoclusters. <i>Nano Letters</i> , 2013, 13, 4399-4403.	4.5	168
115	Porous Au Nanoparticles with Tunable Plasmon Resonances and Intense Field Enhancements for Single-Particle SERS. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 370-374.	2.1	166
116	The effect of a dielectric core and embedding medium on the polarizability of metallic nanoshells. <i>Chemical Physics Letters</i> , 2002, 360, 325-332.	1.2	165
117	Controlled Texturing Modifies the Surface Topography and Plasmonic Properties of Au Nanoshells. <i>Journal of Physical Chemistry B</i> , 2005, 109, 11083-11087.	1.2	163
118	Tunable Plasmonic Nanoparticles with Catalytically Active High-Index Facets. <i>Nano Letters</i> , 2014, 14, 3674-3682.	4.5	153
119	High Chromaticity Aluminum Plasmonic Pixels for Active Liquid Crystal Displays. <i>ACS Nano</i> , 2016, 10, 1108-1117.	7.3	153
120	A classical treatment of optical tunneling in plasmonic gaps: extending the quantum corrected model to practical situations. <i>Faraday Discussions</i> , 2015, 178, 151-183.	1.6	151
121	Plasmons in the Metallic Nanoparticle-Film System as a Tunable Impurity Problem. <i>Nano Letters</i> , 2005, 5, 2009-2013.	4.5	149
122	A single molecule immunoassay by localized surface plasmon resonance. <i>Nanotechnology</i> , 2010, 21, 255503.	1.3	149
123	Quantum effects and nonlocality in strongly coupled plasmonic nanowire dimers. <i>Optics Express</i> , 2013, 21, 27306.	1.7	149
124	Pronounced Linewidth Narrowing of an Aluminum Nanoparticle Plasmon Resonance by Interaction with an Aluminum Metallic Film. <i>Nano Letters</i> , 2015, 15, 6946-6951.	4.5	149
125	The Surprising <i>In Vivo</i> Instability of Near-IR-Absorbing Hollow Au-Ag Nanoshells. <i>ACS Nano</i> , 2014, 8, 3222-3231.	7.3	148
126	Multipolar Plasmon Resonances in Individual Ag Nanorods. <i>ACS Nano</i> , 2010, 4, 2649-2654.	7.3	146



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127	From tunable core-shell nanoparticles to plasmonic drawbridges: Active control of nanoparticle optical properties. <i>Science Advances</i> , 2015, 1, e1500988.	4.7	146
128	Correlation between Incident and Emission Polarization in Nanowire Surface Plasmon Waveguides. <i>Nano Letters</i> , 2010, 10, 1831-1835.	4.5	144
129	Plasmonic nanoclusters: a path towards negative-index metafluids. <i>Optics Express</i> , 2007, 15, 14129.	1.7	143
130	Plasmonic Focusing in Symmetry Broken Nanocorrals. <i>Nano Letters</i> , 2011, 11, 893-897.	4.5	141
131	Directional Light Emission from Propagating Surface Plasmons of Silver Nanowires. <i>Nano Letters</i> , 2009, 9, 4383-4386.	4.5	139
132	Hot Hole Photoelectrochemistry on Au@SiO <sub>2</sub> @Au Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 2060-2067.	2.1	137
133	DNA-Enabled Self-Assembly of Plasmonic Nanoclusters. <i>Nano Letters</i> , 2011, 11, 4859-4864.	4.5	136
134	Plasmon-Mediated Catalytic O <sub>2</sub> Dissociation on Ag Nanostructures: Hot Electrons or Near Fields?. <i>ACS Energy Letters</i> , 2019, 4, 1803-1809.	8.8	136
135	Optical Properties of a Nanosized Hole in a Thin Metallic Film. <i>ACS Nano</i> , 2008, 2, 25-32.	7.3	133
136	Probing the Plasmonic Near-Field of Gold Nanocrescent Antennas. <i>ACS Nano</i> , 2010, 4, 6639-6650.	7.3	133
137	Noble Metal Nanowires: From Plasmon Waveguides to Passive and Active Devices. <i>Accounts of Chemical Research</i> , 2012, 45, 1887-1895.	7.6	133
138	Response to Comment on "Quantifying hot carrier and thermal contributions in plasmonic photocatalysis". <i>Science</i> , 2019, 364, .	6.0	131
139	How Long Does It Take for the Kondo Effect to Develop?. <i>Physical Review Letters</i> , 1999, 83, 808-811.	2.9	129
140	Real-Space Mapping of Fano Interference in Plasmonic Metamolecules. <i>Nano Letters</i> , 2011, 11, 3922-3926.	4.5	129
141	Enhanced tunability and linewidth sharpening of plasmon resonances in hybridized metallic ring/disk nanocavities. <i>Physical Review B</i> , 2007, 76, .	1.1	128
142	Tunable wide-angle plasmonic perfect absorber at visible frequencies. <i>Physical Review B</i> , 2012, 85, .	1.1	125
143	Fano resonances in planar silver nanosphere clusters. <i>Applied Physics A: Materials Science and Processing</i> , 2010, 100, 333-339.	1.1	123
144	Effects of dielectric screening on the optical properties of metallic nanoshells. <i>Chemical Physics Letters</i> , 2003, 368, 94-101.	1.2	121

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145	Plasmon hybridization in nanorod dimers. <i>Applied Physics B: Lasers and Optics</i> , 2008, 93, 209-216.	1.1	119
146	Magnetic Plasmon Formation and Propagation in Artificial Aromatic Molecules. <i>Nano Letters</i> , 2012, 12, 364-369.	4.5	119
147	Nanooptics of Plasmonic Nanomatryoshkas: Shrinking the Size of a Core-Shell Junction to Subnanometer. <i>Nano Letters</i> , 2015, 15, 6419-6428.	4.5	119
148	Electronic structure of small GaAs clusters. <i>Journal of Chemical Physics</i> , 1991, 94, 8015-8020.	1.2	118
149	Charge Transfer Plasmons: Optical Frequency Conductances and Tunable Infrared Resonances. <i>ACS Nano</i> , 2015, 9, 6428-6435.	7.3	115
150	Relaxation of Plasmon-Induced Hot Carriers. <i>ACS Photonics</i> , 2018, 5, 2584-2595.	3.2	115
151	Photoluminescence of Gold Nanorods: Purcell Effect Enhanced Emission from Hot Carriers. <i>ACS Nano</i> , 2018, 12, 976-985.	7.3	113
152	Finite-Difference Time-Domain Modeling of the Optical Properties of Nanoparticles near Dielectric Substrates. <i>Journal of Physical Chemistry C</i> , 2010, 114, 7302-7307.	1.5	111
153	Individual Nanoantennas Loaded with Three-Dimensional Optical Nanocircuits. <i>Nano Letters</i> , 2013, 13, 142-147.	4.5	111
154	Plasmonic Mode Engineering with Templated Self-Assembled Nanoclusters. <i>Nano Letters</i> , 2012, 12, 5318-5324.	4.5	108
155	Plasmonic Radiance: Probing Structure at the Ångström Scale with Visible Light. <i>Nano Letters</i> , 2013, 13, 497-503.	4.5	108
156	Electronic structure of small GaAs clusters. II. <i>Journal of Chemical Physics</i> , 1992, 97, 1858-1864.	1.2	107
157	Nanoparticle-Mediated, Light-Induced Phase Separations. <i>Nano Letters</i> , 2015, 15, 7880-7885.	4.5	107
158	Asymmetric Aluminum Antennas for Self-Calibrating Surface-Enhanced Infrared Absorption Spectroscopy. <i>ACS Photonics</i> , 2016, 3, 354-360.	3.2	107
159	Theoretical examination of the trapping of ion-implanted hydrogen in metals. <i>Physical Review B</i> , 1986, 33, 854-863.	1.1	106
160	The Ring: A Leitmotif in Plasmonics. <i>ACS Nano</i> , 2009, 3, 488-492.	7.3	106
161	Multiple hydrogen occupancy of vacancies in Fe. <i>Journal of Applied Physics</i> , 1987, 61, 1788-1794.	1.1	104
162	The interaction of helium with smooth metal surfaces. <i>Journal of Physics C: Solid State Physics</i> , 1984, 17, 1141-1152.	1.5	103

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163	Monolithic Metal Dimer-on-Film Structure: New Plasmonic Properties Introduced by the Underlying Metal. <i>Nano Letters</i> , 2020, 20, 2087-2093.	4.5	102
164	Trends in hydrogen heats of solution and vacancy trapping energies in transition metals. <i>Journal of Physics F: Metal Physics</i> , 1986, 16, 1161-1171.	1.6	101
165	Tunable Molecular Plasmons in Polycyclic Aromatic Hydrocarbons. <i>ACS Nano</i> , 2013, 7, 3635-3643.	7.3	101
166	The Morphology of Narrow Gaps Modifies the Plasmonic Response. <i>ACS Photonics</i> , 2015, 2, 295-305.	3.2	99
167	Multicolor Electrochromic Devices Based on Molecular Plasmonics. <i>ACS Nano</i> , 2017, 11, 3254-3261.	7.3	97
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