

Peter Nordlander

List of Publications by Citations

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405 papers	63,909 citations	126 h-index	248 g-index
437 ext. papers	70,535 ext. citations	10.2 avg, IF	8.02 L-index

#	Paper	IF	Citations
405	A hybridization model for the plasmon response of complex nanostructures. <i>Science</i> , 2003 , 302, 419-22	33.3	3073
404	The Fano resonance in plasmonic nanostructures and metamaterials. <i>Nature Materials</i> , 2010 , 9, 707-15	27	2834
403	Plasmons in strongly coupled metallic nanostructures. <i>Chemical Reviews</i> , 2011 , 111, 3913-61	68.1	2348
402	Plasmon-induced hot carrier science and technology. <i>Nature Nanotechnology</i> , 2015 , 10, 25-34	28.7	1903
401	Photodetection with active optical antennas. <i>Science</i> , 2011 , 332, 702-4	33.3	1465
400	Unraveling nanotubes: field emission from an atomic wire. <i>Science</i> , 1995 , 269, 1550-3	33.3	1381
399	Plasmon Hybridization in Nanoparticle Dimers. <i>Nano Letters</i> , 2004 , 4, 899-903	11.5	1357
398	Self-assembled plasmonic nanoparticle clusters. <i>Science</i> , 2010 , 328, 1135-8	33.3	1223
397	Hot electrons do the impossible: plasmon-induced dissociation of H ₂ on Au. <i>Nano Letters</i> , 2013 , 13, 240-7	11.5	1091
396	Surface-enhanced Raman scattering from individual au nanoparticles and nanoparticle dimer substrates. <i>Nano Letters</i> , 2005 , 5, 1569-74	11.5	978
395	Solar vapor generation enabled by nanoparticles. <i>ACS Nano</i> , 2013 , 7, 42-9	16.7	882
394	Symmetry breaking in plasmonic nanocavities: subradiant LSPR sensing and a tunable Fano resonance. <i>Nano Letters</i> , 2008 , 8, 3983-8	11.5	847
393	Aluminum for plasmonics. <i>ACS Nano</i> , 2014 , 8, 834-40	16.7	827
392	Plasmon resonances of a gold nanostar. <i>Nano Letters</i> , 2007 , 7, 729-32	11.5	732
391	Diverse Applications of Nanomedicine. <i>ACS Nano</i> , 2017 , 11, 2313-2381	16.7	714
390	Quantum description of the plasmon resonances of a nanoparticle dimer. <i>Nano Letters</i> , 2009 , 9, 887-91	11.5	688
389	Bridging quantum and classical plasmonics with a quantum-corrected model. <i>Nature Communications</i> , 2012 , 3, 825	17.4	675

388	Metallic nanoparticle arrays: a common substrate for both surface-enhanced Raman scattering and surface-enhanced infrared absorption. <i>ACS Nano</i> , 2008 , 2, 707-18	16.7	665
387	Nanorice: a hybrid plasmonic nanostructure. <i>Nano Letters</i> , 2006 , 6, 827-32	11.5	661
386	Fano resonances in individual coherent plasmonic nanocavities. <i>Nano Letters</i> , 2009 , 9, 1663-7	11.5	594
385	Plasmonic nanostructures: artificial molecules. <i>Accounts of Chemical Research</i> , 2007 , 40, 53-62	24.3	580
384	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, 1657-63	11.5	556
383	Graphene-antenna sandwich photodetector. <i>Nano Letters</i> , 2012 , 12, 3808-13	11.5	540
382	Fano resonances in plasmonic nanoclusters: geometrical and chemical tunability. <i>Nano Letters</i> , 2010 , 10, 3184-9	11.5	538
381	Gated tunability and hybridization of localized plasmons in nanostructured graphene. <i>ACS Nano</i> , 2013 , 7, 2388-95	16.7	534
380	Plasmon-induced hot carriers in metallic nanoparticles. <i>ACS Nano</i> , 2014 , 8, 7630-8	16.7	499
379	Quantifying hot carrier and thermal contributions in plasmonic photocatalysis. <i>Science</i> , 2018 , 362, 69-72	33.3	494
378	Active tunable absorption enhancement with graphene nanodisk arrays. <i>Nano Letters</i> , 2014 , 14, 299-304	11.5	477
377	Plexcitonic nanoparticles: plasmon-exciton coupling in nanoshell-J-aggregate complexes. <i>Nano Letters</i> , 2008 , 8, 3481-7	11.5	457
376	Quantum mechanical effects in plasmonic structures with subnanometre gaps. <i>Nature Communications</i> , 2016 , 7, 11495	17.4	453
375	Plasmon hybridization in spherical nanoparticles. <i>Journal of Chemical Physics</i> , 2004 , 120, 5444-54	3.9	440
374	Plasmonic colour generation. <i>Nature Reviews Materials</i> , 2017 , 2,	73.3	435
373	Aluminum plasmonic nanoantennas. <i>Nano Letters</i> , 2012 , 12, 6000-4	11.5	430
372	Plasmonic hot electron induced structural phase transition in a MoS2 monolayer. <i>Advanced Materials</i> , 2014 , 26, 6467-71	24	429
371	Narrowband photodetection in the near-infrared with a plasmon-induced hot electron device. <i>Nature Communications</i> , 2013 , 4, 1643	17.4	425

370	Close encounters between two nanoshells. <i>Nano Letters</i> , 2008 , 8, 1212-8	11.5	421
369	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, 643-52	16.7	416
368	Plasmonic nanoclusters: near field properties of the Fano resonance interrogated with SERS. <i>Nano Letters</i> , 2012 , 12, 1660-7	11.5	392
367	Quantum plasmonics: nonlinear effects in the field enhancement of a plasmonic nanoparticle dimer. <i>Nano Letters</i> , 2012 , 12, 1333-9	11.5	378
366	Hot-electron-induced dissociation of H ₂ on gold nanoparticles supported on SiO ₂ . <i>Journal of the American Chemical Society</i> , 2014 , 136, 64-7	16.4	375
365	Heterodimers: plasmonic properties of mismatched nanoparticle pairs. <i>ACS Nano</i> , 2010 , 4, 819-32	16.7	375
364	Hydrogen adsorption on metal surfaces. <i>Surface Science</i> , 1984 , 136, 59-81	1.8	373
363	Substrates matter: influence of an adjacent dielectric on an individual plasmonic nanoparticle. <i>Nano Letters</i> , 2009 , 9, 2188-92	11.5	372
362	Near-field mediated plexcitonic coupling and giant Rabi splitting in individual metallic dimers. <i>Nano Letters</i> , 2013 , 13, 3281-6	11.5	365
361	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, 11677-81	11.5	352
360	Evolution of light-induced vapor generation at a liquid-immersed metallic nanoparticle. <i>Nano Letters</i> , 2013 , 13, 1736-42	11.5	346
359	Experimental realization of subradiant, superradiant, and fano resonances in ring/disk plasmonic nanocavities. <i>ACS Nano</i> , 2010 , 4, 1664-70	16.7	344
358	Nanoparticles heat through light localization. <i>Nano Letters</i> , 2014 , 14, 4640-5	11.5	320
357	Plasmon-induced doping of graphene. <i>ACS Nano</i> , 2012 , 6, 10222-8	16.7	317
356	Fano-like interference in self-assembled plasmonic quadrumer clusters. <i>Nano Letters</i> , 2010 , 10, 4680-5	11.5	314
355	Quantum plexcitonics: strongly interacting plasmons and excitons. <i>Nano Letters</i> , 2011 , 11, 2318-23	11.5	313
354	Magnetic-plasmonic core-shell nanoparticles. <i>ACS Nano</i> , 2009 , 3, 1379-88	16.7	303
353	Light-induced release of DNA from gold nanoparticles: nanoshells and nanorods. <i>Journal of the American Chemical Society</i> , 2011 , 133, 12247-55	16.4	299

352	A plasmonic Fano switch. <i>Nano Letters</i> , 2012 , 12, 4977-82	11.5	291
351	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, 3015-22	16.7	286
350	On the energy shift between near-field and far-field peak intensities in localized plasmon systems. <i>Nano Letters</i> , 2011 , 11, 1280-3	11.5	284
349	Plasmon Hybridization in Nanoparticles near Metallic Surfaces. <i>Nano Letters</i> , 2004 , 4, 2209-2213	11.5	282
348	Electromigrated nanoscale gaps for surface-enhanced Raman spectroscopy. <i>Nano Letters</i> , 2007 , 7, 1396-1400	11.5	280
347	Fano resonances in plasmonic nanoparticle aggregates. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 4028-4034	11.5	273
346	Optical Properties of Metallodielectric Nanostructures Calculated Using the Finite Difference Time Domain Method. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 17740-17747	3.4	273
345	Heterometallic antenna-reactor complexes for photocatalysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 8916-20	11.5	272
344	Fanoshells: nanoparticles with built-in Fano resonances. <i>Nano Letters</i> , 2010 , 10, 2694-701	11.5	271
343	Mechanisms of Fano resonances in coupled plasmonic systems. <i>ACS Nano</i> , 2013 , 7, 4527-36	16.7	264
342	Simultaneous measurements of electronic conduction and Raman response in molecular junctions. <i>Nano Letters</i> , 2008 , 8, 919-24	11.5	256
341	Distinguishing between plasmon-induced and photoexcited carriers in a device geometry. <i>Nature Communications</i> , 2015 , 6, 7797	17.4	252
340	Symmetry breaking in individual plasmonic nanoparticles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 10856-60	11.5	246
339	Polarization dependence of surface-enhanced Raman scattering in gold nanoparticle-nanowire systems. <i>Nano Letters</i> , 2008 , 8, 2497-502	11.5	245
338	Embedding plasmonic nanostructure diodes enhances hot electron emission. <i>Nano Letters</i> , 2013 , 13, 1687-92	11.5	244
337	Vivid, full-color aluminum plasmonic pixels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 14348-53	11.5	243
336	Branched silver nanowires as controllable plasmon routers. <i>Nano Letters</i> , 2010 , 10, 1950-4	11.5	237
335	Aluminum Nanocrystals as a Plasmonic Photocatalyst for Hydrogen Dissociation. <i>Nano Letters</i> , 2016 , 16, 1478-84	11.5	234

- 334 Nanophotonics-enabled solar membrane distillation for off-grid water purification. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 6936-6941 11.5 227
- 333 Quantum dot-based local field imaging reveals plasmon-based interferometric logic in silver nanowire networks. *Nano Letters*, **2011**, 11, 471-5 11.5 226
- 332 Electronic Structure and Optical Properties of Gold Nanoshells. *Nano Letters*, **2003**, 3, 1411-1415 11.5 226
- 331 Plasmon-induced selective carbon dioxide conversion on earth-abundant aluminum-cuprous oxide antenna-reactor nanoparticles. *Nature Communications*, **2017**, 8, 27 17.4 220
- 330 Plasmon modes of nanosphere trimers and quadrumers. *Journal of Physical Chemistry B*, **2006**, 110, 12303-12310 11.5 220
- 329 Energy shifts and broadening of atomic levels near metal surfaces. *Physical Review B*, **1990**, 42, 5564-5573 11.5 219
- 328 Structural Tunability of the Plasmon Resonances in Metallic Nanoshells. *Nano Letters*, **2003**, 3, 543-547 11.5 218
- 327 Light-driven methane dry reforming with single atomic site antenna-reactor plasmonic photocatalysts. *Nature Energy*, **2020**, 5, 61-70 62.3 213
- 326 Quantum plasmonics: optical properties and tunability of metallic nanorods. *ACS Nano*, **2010**, 4, 5269-76 16.7 207
- 325 Coherent anti-Stokes Raman scattering with single-molecule sensitivity using a plasmonic Fano resonance. *Nature Communications*, **2014**, 5, 4424 17.4 201
- 324 Nanosphere-in-a-Nanoshell: A Simple Nanomatryushka. *Journal of Physical Chemistry C*, **2010**, 114, 7378-7383 17.3 197
- 323 Finite-difference time-domain studies of the optical properties of nanoshell dimers. *Journal of Physical Chemistry B*, **2005**, 109, 10042-51 3.4 197
- 322 Energy shifts and broadening of excited hydrogen-atom levels in the vicinity of a metal surface. *Physical Review Letters*, **1988**, 61, 990-993 7.4 196
- 321 Shedding light on dark plasmons in gold nanorings. *Chemical Physics Letters*, **2008**, 458, 262-266 2.5 193
- 320 Chiral surface plasmon polaritons on metallic nanowires. *Physical Review Letters*, **2011**, 107, 096801 7.4 191
- 319 Nanoparticle-mediated coupling of light into a nanowire. *Nano Letters*, **2007**, 7, 2346-50 11.5 191
- 318 Designing and deconstructing the Fano lineshape in plasmonic nanoclusters. *Nano Letters*, **2012**, 12, 1058-62 11.5 187
- 317 Optical spectroscopy of conductive junctions in plasmonic cavities. *Nano Letters*, **2010**, 10, 3090-5 11.5 187

316	Unidirectional broadband light emission from supported plasmonic nanowires. <i>Nano Letters</i> , 2011 , 11, 706-11	11.5	186
315	Remote-excitation surface-enhanced Raman scattering using propagating Ag nanowire plasmons. <i>Nano Letters</i> , 2009 , 9, 2049-53	11.5	186
314	Effects of symmetry breaking and conductive contact on the plasmon coupling in gold nanorod dimers. <i>ACS Nano</i> , 2010 , 4, 4657-66	16.7	186
313	Fan-shaped gold nanoantennas above reflective substrates for surface-enhanced infrared absorption (SEIRA). <i>Nano Letters</i> , 2015 , 15, 1272-80	11.5	182
312	Removing a wedge from a metallic nanodisk reveals a fano resonance. <i>Nano Letters</i> , 2011 , 11, 4475-9	11.5	181
311	Coherent Fano resonances in a plasmonic nanocluster enhance optical four-wave mixing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 9215-9	11.5	180
310	Surface enhanced infrared absorption (SEIRA) spectroscopy on nanoshell aggregate substrates. <i>Chemical Physics Letters</i> , 2008 , 452, 115-119	2.5	179
309	Manipulating Coherent Plasmon-Exciton Interaction in a Single Silver Nanorod on Monolayer WSe. <i>Nano Letters</i> , 2017 , 17, 3809-3814	11.5	178
308	Two-Dimensional Active Tuning of an Aluminum Plasmonic Array for Full-Spectrum Response. <i>Nano Letters</i> , 2017 , 17, 6034-6039	11.5	175
307	Surface-enhanced infrared absorption using individual cross antennas tailored to chemical moieties. <i>Journal of the American Chemical Society</i> , 2013 , 135, 3688-95	16.4	175
306	Robust subnanometric plasmon ruler by rescaling of the nonlocal optical response. <i>Physical Review Letters</i> , 2013 , 110, 263901	7.4	173
305	Influence of dielectric function properties on the optical response of plasmon resonant metallic nanoparticles. <i>Chemical Physics Letters</i> , 2004 , 399, 167-171	2.5	173
304	Fano Resonant Aluminum Nanoclusters for Plasmonic Colorimetric Sensing. <i>ACS Nano</i> , 2015 , 9, 10628-36	16.7	172
303	Efficient dielectric function for FDTD simulation of the optical properties of silver and gold nanoparticles. <i>Chemical Physics Letters</i> , 2007 , 446, 115-118	2.5	164
302	Fluorescence enhancement of molecules inside a gold nanomatrix. <i>Nano Letters</i> , 2014 , 14, 2926-33	11.5	163
301	Derivation of a master equation for charge-transfer processes in atom-surface collisions. <i>Physical Review B</i> , 1991 , 43, 2541-2557	3.3	163
300	Breaking individual chemical bonds via STM-induced excitations. <i>Surface Science</i> , 1996 , 363, 368-377	1.8	161
299	Balancing Near-Field Enhancement, Absorption, and Scattering for Effective Antenna-Reactor Plasmonic Photocatalysis. <i>Nano Letters</i> , 2017 , 17, 3710-3717	11.5	155

298	Al-Pd Nanodisk Heterodimers as Antenna-Reactor Photocatalysts. <i>Nano Letters</i> , 2016 , 16, 6677-6682	11.5	154
297	Active Light Control of the MoS ₂ Monolayer Exciton Binding Energy. <i>ACS Nano</i> , 2015 , 9, 10158-64	16.7	153
296	Three-dimensional plasmonic nanoclusters. <i>Nano Letters</i> , 2013 , 13, 4399-403	11.5	148
295	Controlled texturing modifies the surface topography and plasmonic properties of Au nanoshells. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 11083-7	3.4	148
294	The effect of a dielectric core and embedding medium on the polarizability of metallic nanoshells. <i>Chemical Physics Letters</i> , 2002 , 360, 325-332	2.5	147
293	Porous Au Nanoparticles with Tunable Plasmon Resonances and Intense Field Enhancements for Single-Particle SERS. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 370-4	6.4	146
292	Aluminum nanocrystals. <i>Nano Letters</i> , 2015 , 15, 2751-5	11.5	144
291	Color-selective and CMOS-compatible photodetection based on aluminum plasmonics. <i>Advanced Materials</i> , 2014 , 26, 6318-23	24	144
290	A single molecule immunoassay by localized surface plasmon resonance. <i>Nanotechnology</i> , 2010 , 21, 2555-6	5.3	140
289	Plasmons in the metallic nanoparticle-film system as a tunable impurity problem. <i>Nano Letters</i> , 2005 , 5, 2009-13	11.5	140
288	Aluminum Nanocrystals: A Sustainable Substrate for Quantitative SERS-Based DNA Detection. <i>Nano Letters</i> , 2017 , 17, 5071-5077	11.5	133
287	High Chromaticity Aluminum Plasmonic Pixels for Active Liquid Crystal Displays. <i>ACS Nano</i> , 2016 , 10, 1108-17	16.7	131
286	The surprising in vivo instability of near-IR-absorbing hollow Au-Ag nanoshells. <i>ACS Nano</i> , 2014 , 8, 3222-36	16.7	131
285	Tunable plasmonic nanoparticles with catalytically active high-index facets. <i>Nano Letters</i> , 2014 , 14, 3674-82	11.5	131
284	Nanogapped Au Antennas for Ultrasensitive Surface-Enhanced Infrared Absorption Spectroscopy. <i>Nano Letters</i> , 2017 , 17, 5768-5774	11.5	131
283	Plasmonic nanoclusters: a path towards negative-index metafluids. <i>Optics Express</i> , 2007 , 15, 14129-45	3.3	130
282	DNA-enabled self-assembly of plasmonic nanoclusters. <i>Nano Letters</i> , 2011 , 11, 4859-64	11.5	128
281	From tunable core-shell nanoparticles to plasmonic drawbridges: Active control of nanoparticle optical properties. <i>Science Advances</i> , 2015 , 1, e1500988	14.3	127

280	Quantum effects and nonlocality in strongly coupled plasmonic nanowire dimers. <i>Optics Express</i> , 2013 , 21, 27306-25	3.3	127
279	Optical properties of a nanosized hole in a thin metallic film. <i>ACS Nano</i> , 2008 , 2, 25-32	16.7	126
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277	Multipolar plasmon resonances in individual ag nanorice. <i>ACS Nano</i> , 2010 , 4, 2649-54	16.7	125
276	Plasmonic focusing in symmetry broken nanocorrals. <i>Nano Letters</i> , 2011 , 11, 893-7	11.5	124
275	Directional light emission from propagating surface plasmons of silver nanowires. <i>Nano Letters</i> , 2009 , 9, 4383-6	11.5	122
274	Correlation between incident and emission polarization in nanowire surface plasmon waveguides. <i>Nano Letters</i> , 2010 , 10, 1831-5	11.5	122
273	A classical treatment of optical tunneling in plasmonic gaps: extending the quantum corrected model to practical situations. <i>Faraday Discussions</i> , 2015 , 178, 151-83	3.6	119
272	Noble metal nanowires: from plasmon waveguides to passive and active devices. <i>Accounts of Chemical Research</i> , 2012 , 45, 1887-95	24.3	119
271	Fano resonances in planar silver nanosphere clusters. <i>Applied Physics A: Materials Science and Processing</i> , 2010 , 100, 333-339	2.6	119
270	Real-space mapping of Fano interference in plasmonic metamolecules. <i>Nano Letters</i> , 2011 , 11, 3922-6	11.5	117
269	How Long Does It Take for the Kondo Effect to Develop?. <i>Physical Review Letters</i> , 1999 , 83, 808-811	7.4	116
268	Enhanced tunability and linewidth sharpening of plasmon resonances in hybridized metallic ring/disk nanocavities. <i>Physical Review B</i> , 2007 , 76,	3.3	115
267	Electronic structure of small GaAs clusters. <i>Journal of Chemical Physics</i> , 1991 , 94, 8015-8020	3.9	115
266	Tunable wide-angle plasmonic perfect absorber at visible frequencies. <i>Physical Review B</i> , 2012 , 85,	3.3	114
265	Probing the plasmonic near-field of gold nanocrescent antennas. <i>ACS Nano</i> , 2010 , 4, 6639-50	16.7	113
264	Hot Hole Photoelectrochemistry on Au@SiO@Au Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 2060-2067	6.4	110
263	Magnetic plasmon formation and propagation in artificial aromatic molecules. <i>Nano Letters</i> , 2012 , 12, 364-9	11.5	107

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261	Nanooptics of Plasmonic Nanomatryoshkas: Shrinking the Size of a Core-Shell Junction to Subnanometer. <i>Nano Letters</i> , 2015 , 15, 6419-28	11.5	106
260	Effects of dielectric screening on the optical properties of metallic nanoshells. <i>Chemical Physics Letters</i> , 2003 , 368, 94-101	2.5	105
259	Electronic structure of small GaAs clusters. II. <i>Journal of Chemical Physics</i> , 1992 , 97, 1858-1864	3.9	103
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256	The interaction of helium with smooth metal surfaces. <i>Journal of Physics C: Solid State Physics</i> , 1984 , 17, 1141-1152		102
255	Theoretical examination of the trapping of ion-implanted hydrogen in metals. <i>Physical Review B</i> , 1986 , 33, 854-863	3.3	99
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253	Charge Transfer Plasmons: Optical Frequency Conductances and Tunable Infrared Resonances. <i>ACS Nano</i> , 2015 , 9, 6428-35	16.7	96
252	Individual nanoantennas loaded with three-dimensional optical nanocircuits. <i>Nano Letters</i> , 2013 , 13, 1421-1.5	1.5	94
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246	Fullerene nanotubes in electric fields. <i>Physical Review B</i> , 1995 , 52, 1429-1432	3.3	90
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244	The Morphology of Narrow Gaps Modifies the Plasmonic Response. <i>ACS Photonics</i> , 2015 , 2, 295-305	6.3	89
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242	Multiple deuterium occupancy of vacancies in Pd and related metals. <i>Physical Review B</i> , 1989 , 40, 1990-1992	3.9	89
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240	Manipulating magnetic plasmon propagation in metallic nanocluster networks. <i>ACS Nano</i> , 2012 , 6, 5482-5486	16.7	85
239	Angle- and spectral-dependent light scattering from plasmonic nanocups. <i>ACS Nano</i> , 2011 , 5, 7254-62	16.7	85
238	Plasmon hybridization in nanoshell dimers. <i>Journal of Chemical Physics</i> , 2005 , 123, 24701	3.9	84
237	Quantum mechanical study of the coupling of plasmon excitations to atomic-scale electron transport. <i>Journal of Chemical Physics</i> , 2011 , 134, 074701	3.9	80
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235	Photoluminescence of Gold Nanorods: Purcell Effect Enhanced Emission from Hot Carriers. <i>ACS Nano</i> , 2018 , 12, 976-985	16.7	79
234	Quantum plasmonics: optical properties of a nanomatryushka. <i>Nano Letters</i> , 2013 , 13, 5873-9	11.5	79
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231	A plethora of plasmonics from the laboratory for nanophotonics at Rice University. <i>Advanced Materials</i> , 2012 , 24, 4842-77, 4774	24	76
230	Plasmonic structure and electromagnetic field enhancements in the metallic nanoparticle-film system. <i>Applied Physics B: Lasers and Optics</i> , 2006 , 84, 35-41	1.9	76
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