

# Sergei I Bozhevolnyi

## List of Publications by Year in Descending Order

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**Version:** 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

482  
papers

26,153  
citations

72  
h-index

147  
g-index

556  
ext. papers

30,208  
ext. citations

4.9  
avg, IF

7.62  
L-index

#	Paper	IF	Citations
482	Room-temperature on-chip orbital angular momentum single-photon sources.. <i>Science Advances</i> , <b>2022</b> , 8, eabk3075	14.3	8
481	Full-range birefringence control with piezoelectric MEMS-based metasurfaces.. <i>Nature Communications</i> , <b>2022</b> , 13, 2071	17.4	8
480	Gold Metasurfaces as Saturable Absorbers for All-normal-dispersion Ytterbium-doped Mode-locked Fiber Laser. <i>IEEE Photonics Journal</i> , <b>2022</b> , 1-1	1.8	
479	Functional Metasurface Quarter-Wave Plates for Simultaneous Polarization Conversion and Beam Steering. <i>ACS Nano</i> , <b>2021</b> ,	16.7	5
478	Dielectric-loading approach for extra electric field enhancement and spatially transferring plasmonic hot-spots. <i>Nanotechnology</i> , <b>2021</b> , 32, 035205	3.4	2
477	Dual-Functional Optical Waveplates Based on Gap-Surface Plasmon Metasurfaces. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2002253	8.1	5
476	Recent Advances in Polarization-Encoded Optical Metasurfaces. <i>Advanced Photonics Research</i> , <b>2021</b> , 2, 2000173	1.9	13
475	High-Speed Plasmonic Electro-Optic Beam Deflectors. <i>Nano Letters</i> , <b>2021</b> , 21, 4051-4056	11.5	0
474	Unprecedented Thermal Stability of Plasmonic Titanium Nitride Films up to 1400 °C. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2100323	8.1	6
473	Electrical Tuning of Fresnel Lens in Reflection. <i>ACS Photonics</i> , <b>2021</b> , 8, 1576-1581	6.3	4
472	Dynamic piezoelectric MEMS-based optical metasurfaces. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	24
471	Generation of Radially Polarized Single Photons with Plasmonic Bullseye Antennas. <i>ACS Photonics</i> , <b>2021</b> , 8, 2190-2196	6.3	3
470	Fluorescence enhancement of a single germanium vacancy center in a nanodiamond by a plasmonic Bragg cavity. <i>Journal of Chemical Physics</i> , <b>2021</b> , 154, 044303	3.9	6
469	Anisotropic second-harmonic generation from monocrystalline gold flakes. <i>Optics Letters</i> , <b>2021</b> , 46, 833-836		2
468	Single Photon Emitters Coupled to Plasmonic Waveguides: A Review. <i>Advanced Quantum Technologies</i> , <b>2021</b> , 4, 2100057	4.3	1
467	On-Chip Ge Photodetector Efficiency Enhancement by Local Laser-Induced Crystallization. <i>Nano Letters</i> , <b>2021</b> , 21, 7472-7478	11.5	1
466	Spectrally selective emitters based on 3D Mo nanopillars for thermophotovoltaic energy harvesting. <i>Materials Today Physics</i> , <b>2021</b> , 21, 100503	8	4

465	Fractal Shaped Periodic Metal Nanostructures Atop Dielectric-Metal Substrates for SERS Applications. <i>ACS Photonics</i> , <b>2020</b> , 7, 1708-1715	6.3	9
464	Optical Gap-Surface Plasmon Metasurfaces for Spin-Controlled Surface Plasmon Excitation and Anomalous Beam Steering. <i>ACS Photonics</i> , <b>2020</b> , 7, 1849-1856	6.3	21
463	Metasurface-enabled broadband beam splitters integrated with quarter-wave plate functionality. <i>Nanoscale</i> , <b>2020</b> , 12, 14106-14111	7.7	20
462	On the applicability of quantum-optical concepts in strong-coupling nanophotonics. <i>Reports on Progress in Physics</i> , <b>2020</b> , 83, 082401	14.4	23
461	Efficient Coupling of Single Organic Molecules to Channel Plasmon Polaritons Supported by V-Grooves in Monocrystalline Gold. <i>ACS Photonics</i> , <b>2020</b> , 7, 2211-2218	6.3	5
460	Plasmonic monolithic lithium niobate directional coupler switches. <i>Nature Communications</i> , <b>2020</b> , 11, 748	17.4	18
459	Engineering Nanoparticles with Pure High-Order Multipole Scattering. <i>ACS Photonics</i> , <b>2020</b> , 7, 1067-1075	6.3	14
458	Metasurface-Enabled Generation of Circularly Polarized Single Photons. <i>Advanced Materials</i> , <b>2020</b> , 32, e1907832	24	36
457	Ultrafast quantum photonics enabled by coupling plasmonic nanocavities to strongly radiative antennas. <i>Optica</i> , <b>2020</b> , 7, 463	8.6	31
456	Gap-surface plasmon metasurfaces for linear-polarization conversion, focusing, and beam splitting. <i>Photonics Research</i> , <b>2020</b> , 8, 707	6	29
455	Ultrabright single-photon emission from germanium-vacancy zero-phonon lines: deterministic emitter-waveguide interfacing at plasmonic hot spots. <i>Nanophotonics</i> , <b>2020</b> , 9, 953-962	6.3	12
454	Focused vortex-beam generation using gap-surface plasmon metasurfaces. <i>Nanophotonics</i> , <b>2020</b> , 9, 371-378	6.3	28
453	Dual-Band Metasurfaces Using Multiple Gap-Surface Plasmon Resonances. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 1250-1256	9.5	12
452	Maximizing absorption and scattering by spherical nanoparticles. <i>Optics Letters</i> , <b>2020</b> , 45, 1531-1534	3	2
451	Demonstration of > 2 $\pi$ reflection phase range in optical metasurfaces based on detuned gap-surface plasmon resonators. <i>Scientific Reports</i> , <b>2020</b> , 10, 19031	4.9	6
450	Spin-Orbit Controlled Excitation of Quantum Emitters in Hybrid Plasmonic Nanocircuits. <i>Advanced Optical Materials</i> , <b>2020</b> , 8, 2000854	8.1	12
449	Versatile Polarization Generation and Manipulation Using Dielectric Metasurfaces. <i>Laser and Photonics Reviews</i> , <b>2020</b> , 14, 2000116	8.3	49
448	Characterization of gap-plasmon based metasurfaces using scanning differential heterodyne microscopy. <i>Scientific Reports</i> , <b>2020</b> , 10, 13524	4.9	2

447	Directional off-Normal Photon Streaming from Hybrid Plasmon-Emitter Coupled Metasurfaces. <i>ACS Photonics</i> , <b>2020</b> , 7, 1111-1116	6.3	5
446	Novel Terahertz Sources in the Form of Multispectral Resonators Boosted by Both Pump Light Local Field Enhancement and Terahertz Purcell Effect. <i>ACS Photonics</i> , <b>2019</b> , 6, 2223-2230	6.3	
445	Nonradiating anapole states in nanophotonics: from fundamentals to applications. <i>Nanotechnology</i> , <b>2019</b> , 30, 204001	3.4	67
444	Active control of anapole states by structuring the phase-change alloy GeSbTe. <i>Nature Communications</i> , <b>2019</b> , 10, 396	17.4	107
443	On-Chip Detection of Optical Spin-Orbit Interactions in Plasmonic Nanocircuits. <i>Nano Letters</i> , <b>2019</b> , 19, 1166-1171	11.5	34
442	A Review of Unidirectional Surface Plasmon Polariton Metacouplers. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2019</b> , 25, 1-11	3.8	26
441	Plasmon Metasurfaces: Gap-Surface Plasmon Metasurfaces for Broadband Circular-to-Linear Polarization Conversion and Vector Vortex Beam Generation (Advanced Optical Materials 9/2019). <i>Advanced Optical Materials</i> , <b>2019</b> , 7, 1970033	8.1	1
440	Dynamic Metasurfaces Using Phase-Change Chalcogenides. <i>Advanced Optical Materials</i> , <b>2019</b> , 7, 1801703	8.1	77
439	Gap-Surface Plasmon Metasurfaces for Broadband Circular-to-Linear Polarization Conversion and Vector Vortex Beam Generation. <i>Advanced Optical Materials</i> , <b>2019</b> , 7, 1801414	8.1	32
438	Multifunctional Metamirrors for Broadband Focused Vector-Beam Generation. <i>Advanced Optical Materials</i> , <b>2019</b> , 7, 1900724	8.1	14
437	Topological nanophotonics. <i>Nanophotonics</i> , <b>2019</b> , 8, 1315-1317	6.3	7
436	Excitation of Hybrid Plasmonic Waveguide Modes by Colloidal Quantum Dots. <i>ACS Photonics</i> , <b>2019</b> , 6, 1587-1593	6.3	17
435	Efficient broadband infrared absorbers based on core-shell nanostructures. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2019</b> , 36, 2643	1.7	7
434	Core-shell particles as efficient broadband absorbers in infrared optical range. <i>Optics Express</i> , <b>2019</b> , 27, 17474-17481	3.3	12
433	Polarization control of colors in resonant evanescent field scattering by silicon nanodisks [Invited]. <i>Optical Materials Express</i> , <b>2019</b> , 9, 151	2.6	3
432	Plasmonic color printing based on third-order gap surface plasmons [Invited]. <i>Optical Materials Express</i> , <b>2019</b> , 9, 717	2.6	3
431	Use of monocrystalline gold flakes for gap plasmon-based metasurfaces operating in the visible. <i>Optical Materials Express</i> , <b>2019</b> , 9, 4209	2.6	9
430	Plasmonic directional couplers using channel waveguides in random arrays of metal nanoparticles. <i>Optics Express</i> , <b>2019</b> , 27, 22753-22763	3.3	0

429	Ultra-broadband microwave metasurfaces for polarizer and beam splitting. <i>Europhysics Letters</i> , <b>2019</b> , 128, 47003	1.6	4
428	Extremely Confined Gap-Plasmon Waveguide Modes Excited by Nitrogen-Vacancy Centers in Diamonds. <i>ACS Photonics</i> , <b>2019</b> , 6, 23-29	6.3	19
427	Laser Writing of Bright Colors on Near-Percolation Plasmonic Reflector Arrays. <i>ACS Nano</i> , <b>2019</b> , 13, 71-77	6.7	32
426	Anapole-Assisted Strong Field Enhancement in Individual All-Dielectric Nanostructures. <i>ACS Photonics</i> , <b>2018</b> , 5, 1960-1966	6.3	101
425	Vanadium Dioxide Integrated Metasurfaces with Switchable Functionalities at Terahertz Frequencies. <i>Advanced Optical Materials</i> , <b>2018</b> , 6, 1701204	8.1	114
424	Roadmap on plasmonics. <i>Journal of Optics (United Kingdom)</i> , <b>2018</b> , 20, 043001	1.7	174
423	Hybrid Plasmonic Bullseye Antennas for Efficient Photon Collection. <i>ACS Photonics</i> , <b>2018</b> , 5, 692-698	6.3	39
422	Dynamics of a quantum emitter resonantly coupled to both external field and localized surface plasmon. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	4
421	On-Chip Spectropolarimetry by Fingerprinting with Random Surface Arrays of Nanoparticles. <i>ACS Photonics</i> , <b>2018</b> , 5, 1703-1710	6.3	10
420	Multifunctional Metamirror: Polarization Splitting and Focusing. <i>ACS Photonics</i> , <b>2018</b> , 5, 1648-1653	6.3	64
419	Gradient metasurfaces: a review of fundamentals and applications. <i>Reports on Progress in Physics</i> , <b>2018</b> , 81, 026401	14.4	256
418	Flexible long-range surface plasmon polariton single-mode waveguide for optical interconnects. <i>Optical Materials Express</i> , <b>2018</b> , 8, 469	2.6	14
417	Scanning differential microscopy for characterization of reflecting phase-gradient metasurfaces. <i>Optics Communications</i> , <b>2018</b> , 427, 603-608	2	2
416	Plasmon-Enhanced Generation of Nonclassical Light. <i>ACS Photonics</i> , <b>2018</b> , 5, 3447-3451	6.3	49
415	Ultra-compact branchless plasmonic interferometers. <i>Nanoscale</i> , <b>2018</b> , 10, 16178-16183	7.7	3
414	Interference in edge-scattering from monocrystalline gold flakes [Invited]. <i>Optical Materials Express</i> , <b>2018</b> , 8, 3688	2.6	11
413	Ultra-thin titanium nitride films for refractory spectral selectivity [Invited]. <i>Optical Materials Express</i> , <b>2018</b> , 8, 3717	2.6	18
412	Suppression of near-field coupling in plasmonic antennas on epsilon-near-zero substrates. <i>Optica</i> , <b>2018</b> , 5, 1557	8.6	18

411	Near-field phase characterization of gradient gap plasmon-based metasurfaces <b>2018</b> ,		1
410	Rapid characterization of metasurface unit cells using Scanning Differential Heterodyne Microscopy <b>2018</b> ,		1
409	On-chip excitation of single germanium vacancies in nanodiamonds embedded in plasmonic waveguides. <i>Light: Science and Applications</i> , <b>2018</b> , 7, 61	16.7	71
408	Metasurface-Based Polarimeters. <i>Applied Sciences (Switzerland)</i> , <b>2018</b> , 8, 594	2.6	23
407	Highly stable silver nanoparticles for SERS applications. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1092, 012098	0.3	2
406	Direct Characterization of Near-Field Coupling in Gap Plasmon-Based Metasurfaces. <i>Nano Letters</i> , <b>2018</b> , 18, 6265-6270	11.5	26
405	A review of gap-surface plasmon metasurfaces: fundamentals and applications. <i>Nanophotonics</i> , <b>2018</b> , 7, 1129-1156	6.3	155
404	Bifunctional gap-plasmon metasurfaces for visible light: polarization-controlled unidirectional surface plasmon excitation and beam steering at normal incidence. <i>Light: Science and Applications</i> , <b>2018</b> , 7, 17178	16.7	104
403	Hot-Spot Engineering in 3D Multi-Branched Nanostructures: Ultrasensitive Substrates for Surface-Enhanced Raman Spectroscopy. <i>Advanced Optical Materials</i> , <b>2017</b> , 5, 1600836	8.1	26
402	Beam-Size-Invariant Spectropolarimeters Using Gap-Plasmon Metasurfaces. <i>ACS Photonics</i> , <b>2017</b> , 4, 943-949	6.3	67
401	Detection of internal fields in double-metal terahertz resonators. <i>Applied Physics Letters</i> , <b>2017</b> , 110, 061109	10.9	9
400	Ultrabright Linearly Polarized Photon Generation from a Nitrogen Vacancy Center in a Nanocube Dimer Antenna. <i>Nano Letters</i> , <b>2017</b> , 17, 3889-3895	11.5	39
399	Coupling of Quantum Emitters to Plasmonic Nanoguides. <i>Springer Series in Solid-state Sciences</i> , <b>2017</b> , 47-71	0.4	1
398	Highly Stable Monocrystalline Silver Clusters for Plasmonic Applications. <i>Langmuir</i> , <b>2017</b> , 33, 6062-6070	4	32
397	Light Refraction by Water as a Rationale for the Poggendorff Illusion. <i>Perception</i> , <b>2017</b> , 46, 78-89	1.2	1
396	White Light Generation and Anisotropic Damage in Gold Films near Percolation Threshold. <i>ACS Photonics</i> , <b>2017</b> , 4, 1207-1215	6.3	23
395	Plasmonics for emerging quantum technologies. <i>Nanophotonics</i> , <b>2017</b> , 6, 1185-1188	6.3	58
394	Plasmonic Waveguide-Integrated Nanowire Laser. <i>Nano Letters</i> , <b>2017</b> , 17, 747-754	11.5	64

393	Ultrabroadband super-Planckian radiative heat transfer with artificial continuum cavity states in patterned hyperbolic metamaterials. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	14
392	Chip-integrated plasmonic cavity-enhanced single nitrogen-vacancy center emission. <i>Nanoscale</i> , <b>2017</b> , 9, 17902-17908	7.7	26
391	Direct Amplitude-Phase Near-Field Observation of Higher-Order Anapole States. <i>Nano Letters</i> , <b>2017</b> , 17, 7152-7159	11.5	57
390	Efficient electro-optic modulation in low-loss graphene-plasmonic slot waveguides. <i>Nanoscale</i> , <b>2017</b> , 9, 15576-15581	7.7	72
389	Large-Area Ultrabroadband Absorber for Solar Thermophotovoltaics Based on 3D Titanium Nitride Nanopillars. <i>Advanced Optical Materials</i> , <b>2017</b> , 5, 1700552	8.1	73
388	Phase-shifted response of plasmonic nanostructures: Implications to luminescence upconversion. <i>Journal of Luminescence</i> , <b>2017</b> , 192, 595-598	3.8	3
387	Nanofabrication of Plasmonic Circuits Containing Single Photon Sources. <i>ACS Photonics</i> , <b>2017</b> , 4, 1879-1884	8.9	63
386	Optical reconfiguration and polarization control in semi-continuous gold films close to the percolation threshold. <i>Nanoscale</i> , <b>2017</b> , 9, 12014-12024	7.7	10
385	Plasmonic colour generation. <i>Nature Reviews Materials</i> , <b>2017</b> , 2,	73.3	435
384	Thermophotovoltaics: Large-Area Ultrabroadband Absorber for Solar Thermophotovoltaics Based on 3D Titanium Nitride Nanopillars (Advanced Optical Materials 22/2017). <i>Advanced Optical Materials</i> , <b>2017</b> , 5,	8.1	3
383	Hybrid plasmonic waveguides formed by metal coating of dielectric ridges. <i>Optics Express</i> , <b>2017</b> , 25, 12295-12303	9.5	109
382	Third-order gap plasmon based metasurfaces for visible light. <i>Optics Express</i> , <b>2017</b> , 25, 12508-12517	3.3	13
381	Excitation of nanowire surface plasmons by silicon vacancy centers in nanodiamonds. <i>Optical Materials Express</i> , <b>2017</b> , 7, 2586	2.6	13
380	Universal description of channel plasmons in two-dimensional materials. <i>Optica</i> , <b>2017</b> , 4, 595	8.6	12
379	Waveguide Metacouplers for In-Plane Polarimetry. <i>Physical Review Applied</i> , <b>2016</b> , 5,	4.3	31
378	Plasmonic channel waveguides in random arrays of metallic nanoparticles. <i>Optics Express</i> , <b>2016</b> , 24, 17080-17089	3.9	9
377	Optics of a single ultrasharp groove in metal. <i>Optics Letters</i> , <b>2016</b> , 41, 2903-6	3	5
376	Gap-plasmon based broadband absorbers for enhanced hot-electron and photocurrent generation. <i>Scientific Reports</i> , <b>2016</b> , 6, 30650	4.9	44

375	Random-phase metasurfaces at optical wavelengths. <i>Scientific Reports</i> , <b>2016</b> , 6, 28448	4.9	36
374	Enhanced nonresonant light transmission through subwavelength slits in metal. <i>Optics Letters</i> , <b>2016</b> , 41, 242-5	3	6
373	Light extinction and scattering from individual and arrayed high-aspect-ratio trenches in metals. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	8
372	Excitation of surface plasmon polariton modes with multiple nitrogen vacancy centers in single nanodiamonds. <i>Journal of Optics (United Kingdom)</i> , <b>2016</b> , 18, 024002	1.7	2
371	Enhancement of two-photon photoluminescence and SERS for low-coverage gold films. <i>Optics Express</i> , <b>2016</b> , 24, 16743-51	3.3	10
370	Coupling of nitrogen-vacancy centers in a nanodiamond to a silver nanocube. <i>Optical Materials Express</i> , <b>2016</b> , 6, 3394	2.6	9
369	Fundamental limitations in spontaneous emission rate of single-photon sources. <i>Optica</i> , <b>2016</b> , 3, 1418	8.6	57
368	Subwavelength-Sized Narrow-Band Anechoic Waveguide Terminations. <i>Physical Review Applied</i> , <b>2016</b> , 6,	4.3	2
367	Electron energy-loss spectroscopy of branched gap plasmon resonators. <i>Nature Communications</i> , <b>2016</b> , 7, 13790	17.4	19
366	Broadband near-infrared metamaterial absorbers utilizing highly lossy metals. <i>Scientific Reports</i> , <b>2016</b> , 6, 39445	4.9	175
365	Near-field characterization of bound plasmonic modes in metal strip waveguides. <i>Optics Express</i> , <b>2016</b> , 24, 4582-4590	3.3	11
364	Maximum modulation of plasmon-guided modes by graphene gating. <i>Optics Express</i> , <b>2016</b> , 24, 8266-79	3.3	12
363	Near-field radiative heat transfer between metasurfaces: A full-wave study based on two-dimensional grooved metal plates. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	23
362	Multilayer tungsten-alumina-based broadband light absorbers for high-temperature applications. <i>Optical Materials Express</i> , <b>2016</b> , 6, 2704	2.6	75
361	Ultracompact and Low-Power Plasmonic MZI Switch Using Cyclomer Loading. <i>IEEE Photonics Technology Letters</i> , <b>2015</b> , 27, 963-966	2.2	9
360	Nonlocal optical response in metallic nanostructures. <i>Journal of Physics Condensed Matter</i> , <b>2015</b> , 27, 183204	1.8	214
359	Gap and channeled plasmons in tapered grooves: a review. <i>Nanoscale</i> , <b>2015</b> , 7, 9355-86	7.7	98
358	Quantum plasmonics, gain and spasers: general discussion. <i>Faraday Discussions</i> , <b>2015</b> , 178, 325-34	3.6	3



357	Efficient interfacing photonic and long-range dielectric-loaded plasmonic waveguides. <i>Optics Express</i> , <b>2015</b> , 23, 9100-8	3.3	8
356	Surface plasmon enhanced spectroscopies and time and space resolved methods: general discussion. <i>Faraday Discussions</i> , <b>2015</b> , 178, 253-79	3.6	2
355	Compact wavelength add-drop multiplexers using Bragg gratings in coupled dielectric-loaded plasmonic waveguides. <i>Optics Letters</i> , <b>2015</b> , 40, 2429-32	3	6
354	Surface plasmon polariton excitation by second harmonic generation in single organic nanofibers. <i>Optics Express</i> , <b>2015</b> , 23, 16356-63	3.3	9
353	Spoof surface plasmon-based stripe antennas with extreme field enhancement in the terahertz regime. <i>Optics Letters</i> , <b>2015</b> , 40, 2533-6	3	27
352	Near-infrared tailored thermal emission from wafer-scale continuous-film resonators. <i>Optics Express</i> , <b>2015</b> , 23, A11111-9	3.3	19
351	Nonlocal study of ultimate plasmon hybridization. <i>Optics Letters</i> , <b>2015</b> , 40, 839-42	3	37
350	Plasmonic metagratings for simultaneous determination of Stokes parameters. <i>Optica</i> , <b>2015</b> , 2, 716	8.6	179
349	Coupling of individual quantum emitters to channel plasmons. <i>Nature Communications</i> , <b>2015</b> , 6, 7883	17.4	117
348	Local excitation of surface plasmon polaritons using nitrogen-vacancy centers. <i>Optics Letters</i> , <b>2015</b> , 40, 3830-3	3	3
347	Slow-light plasmonic metamaterial based on dressed-state analog of electromagnetically induced transparency. <i>Optics Letters</i> , <b>2015</b> , 40, 4253-6	3	15
346	Analog computing using reflective plasmonic metasurfaces. <i>Nano Letters</i> , <b>2015</b> , 15, 791-7	11.5	150
345	On-chip detection of radiation guided by dielectric-loaded plasmonic waveguides. <i>Nano Letters</i> , <b>2015</b> , 15, 476-80	11.5	16
344	Relaxation dynamics of a quantum emitter resonantly coupled to a coherent state of a localized surface plasmon. <i>Faraday Discussions</i> , <b>2015</b> , 178, 295-306	3.6	6
343	Resonant unidirectional and elastic scattering of surface plasmon polaritons by high refractive index dielectric nanoparticles. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	42
342	Probing cytochrome c in living mitochondria with surface-enhanced Raman spectroscopy. <i>Scientific Reports</i> , <b>2015</b> , 5, 13793	4.9	69
341	Unidirectional scattering by nanoparticles near substrates: generalized Kerker conditions. <i>Optics Express</i> , <b>2015</b> , 23, 28808-28	3.3	67
340	Gap plasmon-based phase-amplitude metasurfaces: material constraints [Invited]. <i>Optical Materials Express</i> , <b>2015</b> , 5, 2448	2.6	16

339	Boosting Local Field Enhancement by on-Chip Nanofocusing and Impedance-Matched Plasmonic Antennas. <i>Nano Letters</i> , <b>2015</b> , 15, 8148-54	11.5	49
338	Hybrid graphene plasmonic waveguide modulators. <i>Nature Communications</i> , <b>2015</b> , 6, 8846	17.4	183
337	Entanglement of two qubits mediated by a localized surface plasmon. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	20
336	Highly confined gap surface plasmon modes in metal strip-gap film configurations. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2015</b> , 32, 462	1.7	6
335	Gold Photoluminescence Wavelength and Polarization Engineering. <i>ACS Photonics</i> , <b>2015</b> , 2, 432-438	6.3	35
334	Quantum Emitters near Layered Plasmonic Nanostructures: Decay Rate Contributions. <i>ACS Photonics</i> , <b>2015</b> , 2, 228-236	6.3	25
333	Optical spectroscopy of single Si nanocylinders with magnetic and electric resonances. <i>Scientific Reports</i> , <b>2014</b> , 4, 4126	4.9	59
332	Graphene-protected copper and silver plasmonics. <i>Scientific Reports</i> , <b>2014</b> , 4, 5517	4.9	143
331	Demonstration of slow sound propagation and acoustic transparency with a series of detuned resonators. <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	27
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