

Kjeld Pedersen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5666904/publications.pdf>

Version: 2024-02-01

165
papers

3,232
citations

257450

24
h-index

189892

50
g-index

167
all docs

167
docs citations

167
times ranked

3675
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene Antidot Lattices: Designed Defects and Spin Qubits. Physical Review Letters, 2008, 100, 136804.	7.8	451
2	Plasmonic black gold by adiabatic nanofocusing and absorption of light in ultra-sharp convex grooves. Nature Communications, 2012, 3, 969.	12.8	274
3	Large Area Ultrabroadband Absorber for Solar Thermophotovoltaics Based on 3D Titanium Nitride Nanopillars. Advanced Optical Materials, 2017, 5, 1700552.	7.3	126
4	Optical properties of graphene antidot lattices. Physical Review B, 2008, 77, .	3.2	109
5	Multilayer tungsten-alumina-based broadband light absorbers for high-temperature applications. Optical Materials Express, 2016, 6, 2704.	3.0	101
6	Optical matrix elements in tight-binding calculations. Physical Review B, 2001, 63, .	3.2	93
7	Second-harmonic imaging of ferroelectric domain walls. Applied Physics Letters, 1998, 73, 1814-1816.	3.3	77
8	Degradation Assessment in IGBT Modules Using Four-Point Probing Approach. IEEE Transactions on Power Electronics, 2015, 30, 2405-2412.	7.9	74
9	Dynamic Modeling Method of Electro-Thermo-Mechanical Degradation in IGBT Modules. IEEE Transactions on Power Electronics, 2016, 31, 975-986.	7.9	73
10	Optical response and excitons in gapped graphene. Physical Review B, 2009, 79, .	3.2	72
11	Extremely confined gap surface-plasmon modes excited by electrons. Nature Communications, 2014, 5, 4125.	12.8	72
12	Stability and Signatures of Biexcitons in Carbon Nanotubes. Nano Letters, 2005, 5, 291-294.	9.1	63
13	Dispersion and anisotropy of the optical second-harmonic response of single-crystal Al surfaces. Physical Review B, 1991, 44, 3943-3954.	3.2	62
14	Observation of excitonic resonances in the second harmonic spectrum of MoS_2 . Physical Review B, 2015, 92, .	12.8	62
15	Far- and near-field second-harmonic imaging of ferroelectric domain walls. Optics Communications, 1998, 152, 221-224.	2.1	44
16	Dispersion of optical second-harmonic generation from $\text{Si}(111)7\text{Å}-7$. Physical Review B, 1995, 52, R2277-R2280.	3.2	40
17	Experimental investigation on spectrum beam splitting photovoltaic-thermoelectric generator under moderate solar concentrations. Energy, 2022, 238, 121988.	8.8	38
18	Unprecedented Thermal Stability of Plasmonic Titanium Nitride Films up to 1400 Å°C. Advanced Optical Materials, 2021, 9, 2100323.	7.3	34

#	ARTICLE	IF	CITATIONS
19	Near-field optical microscopy of nonlinear susceptibilities. Optics Communications, 1998, 150, 49-55.	2.1	33
20	Hot-Spot Engineering in 3D Multi-Branched Nanostructures: Ultrasensitive Substrates for Surface-Enhanced Raman Spectroscopy. Advanced Optical Materials, 2017, 5, 1600836.	7.3	32
21	Plasmonic black metals by broadband light absorption in ultra-sharp convex grooves. New Journal of Physics, 2013, 15, 073007.	2.9	30
22	Pore size dependence of diffuse light scattering from anodized aluminum solar cell backside reflectors. Optics Express, 2013, 21, A84.	3.4	30
23	Optical second-harmonic generation spectroscopy on Si(111)7 Å– 7. Surface Science, 1997, 377-379, 393-397.	1.9	28
24	Roads to ultrathin silicon oxides. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2005, 23, 201-207.	2.1	28
25	Bond wire lift-off in IGBT modules due to thermomechanical induced stress. , 2012, , .		27
26	Ultra-thin titanium nitride films for refractory spectral selectivity [Invited]. Optical Materials Express, 2018, 8, 3717.	3.0	26
27	Poling of silica with silver-containing electrodes. Electronics Letters, 2000, 36, 1635.	1.0	25
28	Second-harmonic imaging of poled silica waveguides. Applied Physics Letters, 2000, 76, 25-27.	3.3	25
29	Micro-sectioning approach for quality and reliability assessment of wire bonding interfaces in IGBT modules. Microelectronics Reliability, 2013, 53, 1422-1426.	1.7	24
30	Near-infrared tailored thermal emission from wafer-scale continuous-film resonators. Optics Express, 2015, 23, A1111.	3.4	24
31	Second-harmonic generation spectroscopy on organic nanofibers. Applied Physics B: Lasers and Optics, 2009, 96, 821-826.	2.2	23
32	Reliability of point source approximations in compact LED lens designs. Optics Express, 2011, 19, A1190.	3.4	21
33	Optical second-harmonic generation and photoemission from quantum well states in thin Ag films on Si(1 1 1). Surface Science, 2001, 482-485, 735-739.	1.9	20
34	Growth of a stacked silicon nitride/silicon oxide dielectric on Si(100). Journal of Vacuum Science & Technology B, 2006, 24, 2119.	1.3	20
35	Systematic tight-binding study of optical second-harmonic generation in carbon nanotubes. Physical Review B, 2009, 79, .	3.2	20
36	Spectrally selective emitters based on 3D Mo nanopillars for thermophotovoltaic energy harvesting. Materials Today Physics, 2021, 21, 100503.	6.0	20

#	ARTICLE	IF	CITATIONS
37	Molecular oxygen on the Si(111)-7 \times 7 surface. <i>Physical Review B</i> , 2001, 64, .	3.2	19
38	Ab initio calculation of electronic and optical properties of metallic tin. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 115502.	1.8	19
39	Erbium diffusion in silicon dioxide. <i>Applied Physics Letters</i> , 2010, 97, 141903.	3.3	19
40	Second harmonic generation due to surface plasmon localization. <i>Surface Science</i> , 1997, 377-379, 384-387.	1.9	18
41	Dyadic Green's functions of thin films: Applications within plasmonic solar cells. <i>Physical Review B</i> , 2011, 83, .	3.2	18
42	Optical second-harmonic generation from Ag quantum wells on Si(111)-7 \times 7: Experiment and theory. <i>Physical Review B</i> , 1999, 60, R13997-R14000.	3.2	17
43	Second-harmonic generation from ZnO nanowires. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2008, 5, 2671-2674.	0.8	17
44	Interface structure and strength of ultrasonically wedge bonded heavy aluminium wires in Si-based power modules. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 2863-2871.	2.2	17
45	Optimization of TiAlN/TiAlON/Si ₃ N ₄ solar absorber coatings. <i>Solar Energy</i> , 2015, 118, 410-418.	6.1	17
46	Second-harmonic generation spectroscopy on quantum wells: Au on Si(111). <i>Applied Physics B: Lasers and Optics</i> , 1999, 68, 637-640.	2.2	16
47	High-resolution second-harmonic microscopy of poled silica waveguides. <i>Optics Communications</i> , 2003, 221, 295-300.	2.1	16
48	Plasmonic black metals via radiation absorption by two-dimensional arrays of ultra-sharp convex grooves. <i>Scientific Reports</i> , 2014, 4, 6904.	3.3	16
49	Experimental study of the phenomenological parameters describing optical second-harmonic generation in centrosymmetric metals. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1989, 6, 2412.	2.1	15
50	Second-harmonic imaging of semiconductor quantum dots. <i>Applied Physics Letters</i> , 2000, 77, 806-808.	3.3	15
51	Electrostatic plasmon resonances of metal nanospheres in layered geometries. <i>Physical Review B</i> , 2010, 81, .	3.2	15
52	Efficient channel-plasmon excitation by nano-mirrors. <i>Applied Physics Letters</i> , 2011, 99, 213109.	3.3	15
53	Dispersion of optical second-harmonic generation of Si(111) 7 \times 7 during oxygen adsorption. <i>Physical Review B</i> , 1996, 53, 9544-9547.	3.2	14
54	Room temperature adsorption of Cs on Si(111)-(7 \times 7) studied by optical second-harmonic generation. <i>Surface Science</i> , 1997, 391, 252-259.	1.9	14

#	ARTICLE	IF	CITATIONS
55	Optimum Cu buffer layer thickness for growth of metal overlayers on Si (111). Physical Review B, 2002, 66, .	3.2	14
56	Localized field enhancements in two-dimensional V-groove metal arrays. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 372.	2.1	14
57	Surface plasmon polariton generation by light scattering off aligned organic nanofibers. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 249.	2.1	14
58	Wire bond degradation under thermo- and pure mechanical loading. Microelectronics Reliability, 2017, 76-77, 373-377.	1.7	14
59	Structural transformations in adsorbed oxygen layers on Al surfaces observed using optical second-harmonic generation. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1991, 9, 1506-1510.	2.1	13
60	Characterisation of Au films on Si(100)-Au by photoemission and optical second-harmonic generation. Surface Science, 2003, 523, 21-29.	1.9	13
61	Comprehensive physical analysis of bond wire interfaces in power modules. Microelectronics Reliability, 2016, 58, 58-64.	1.7	13
62	Second-order optical nonlinearities in dilute melt proton exchange waveguides in LiNbO_3 . Applied Physics Letters, 1996, 69, 2333-2335.	3.3	12
63	Second-Harmonic Generation Scanning Microscopy on Domains in Al Surfaces. Physica Status Solidi A, 1999, 175, 201-206.	1.7	12
64	Second-harmonic scanning optical microscopy of poled silica waveguides. Journal of Applied Physics, 2000, 88, 3872.	2.5	12
65	Indirect near-field absorption mediated by localized surface plasmons. Physical Review B, 2011, 84, .	3.2	12
66	Compact wavelength add-drop multiplexers using Bragg gratings in coupled dielectric-loaded plasmonic waveguides. Optics Letters, 2015, 40, 2429.	3.3	12
67	Light extinction and scattering from individual and arrayed high-aspect-ratio trenches in metals. Physical Review B, 2016, 93, .	3.2	12
68	Vce as early indicator of IGBT module failure mode. , 2017, , .		12
69	Second-harmonic scanning optical microscopy of semiconductor quantum dots. Optics Communications, 2001, 189, 305-311.	2.1	11
70	On localized surface plasmons of metallic tin nanoparticles in silicon. Physica Status Solidi - Rapid Research Letters, 2010, 4, 292-294.	2.4	11
71	Local excitation of surface plasmon polaritons by second-harmonic generation in crystalline organic nanofibers. Optics Express, 2012, 20, 16715.	3.4	11
72	Degradation mapping in high power IGBT modules using four-point probing. Microelectronics Reliability, 2015, 55, 1196-1204.	1.7	11

#	ARTICLE	IF	CITATIONS
73	Surface plasmon polariton excitation by second harmonic generation in single organic nanofibers. Optics Express, 2015, 23, 16356.	3.4	11
74	Power cycling test of a 650 V discrete GaN-on-Si power device with a laminated packaging embedding technology. , 2017, , .		11
75	Photoelastic properties of metals measured by off-null ellipsometry. Applied Optics, 1986, 25, 226.	2.1	10
76	Surface-enhanced second-harmonic generation in C60-coated silver island films. Physics Letters, Section A: General, Atomic and Solid State Physics, 1993, 179, 149-153.	2.1	10
77	From oxygen adsorption to the growth of thin oxides on silicon surfaces. Computational Materials Science, 2001, 21, 481-487.	3.0	10
78	Theoretical and experimental studies of photoemission from Al quantum wells on Si(). Surface Science, 2002, 516, 127-133.	1.9	10
79	Optical transmission through two-dimensional arrays of Sn nanoparticles. Physical Review B, 2011, 84, .	3.2	10
80	Optical properties and size/shape dependence of Sn nanocrystals by tight binding. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 1002-1005.	0.8	10
81	Experimental evidence of the origin of rotational anisotropy in second harmonic generation from vicinal Al surfaces. Surface Science, 1996, 369, 265-276.	1.9	9
82	Guidelines for 1D-periodic surface microstructures for antireflective lenses. Optics Express, 2010, 18, 26245.	3.4	9
83	Compact lens with circular spot profile for square die LEDs in multi-LED projectors. Applied Optics, 2011, 50, 4860.	2.1	9
84	Polarization-resolved two-photon luminescence microscopy of V-groove arrays. Optics Express, 2012, 20, 654.	3.4	9
85	Plasmonic black gold based broadband polarizers for ultra-short laser pulses. Applied Physics Letters, 2013, 103, 211102.	3.3	9
86	Directly patterned TiO ₂ nanostructures for efficient light harvesting in thin film solar cells. Journal Physics D: Applied Physics, 2015, 48, 365101.	2.8	9
87	Degradation evolution in high power IGBT modules subjected to sinusoidal current load. Journal of Materials Science: Materials in Electronics, 2016, 27, 1938-1945.	2.2	9
88	Spectral Dispersion of Third-Harmonic Generation in Thin Films Containing Transition Metal Complexes. Journal of Physical Chemistry B, 1997, 101, 10625-10630.	2.6	8
89	Plasma assisted growth of ultrathin nitrides on Si surfaces under ultrahigh vacuum conditions. Journal of Physics: Conference Series, 2007, 86, 012019.	0.4	8
90	Interaction between O ₂ and ZnO films probed by time-dependent second-harmonic generation. Applied Physics Letters, 2014, 104, .	3.3	8

#	ARTICLE	IF	CITATIONS
91	Plasmon-polariton coupling in anisotropic metals in the non-local regime. <i>Journal of Physics C: Solid State Physics</i> , 1986, 19, 3631-3647.	1.5	7
92	The Au/Si(111) system studied by optical second-harmonic generation. <i>Physica Scripta</i> , 1994, T54, 238-240.	2.5	7
93	Optical second-harmonic generation from vicinal Al(100) crystals. <i>Surface Science</i> , 1994, 321, 1-7.	1.9	7
94	Thickness dependence of optical second-harmonic generation from ultrathin niobium films. <i>Optics Communications</i> , 1995, 115, 137-144.	2.1	7
95	Room-temperature deposition and growth of Au on clean and oxygen passivated Si(111) surfaces investigated by optical second-harmonic generation. <i>Journal of Physics Condensed Matter</i> , 1997, 9, 9497-9506.	1.8	7
96	Plasmon Excitations in Thin Alkali Metal Films on Si(111) 7 \AA — 7. <i>Physica Status Solidi A</i> , 1998, 170, 411-416.	1.7	7
97	Epitaxial growth of thin Ag and Au films on Si(111) using thin copper silicide buffer layers. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2003, 21, 1431-1435.	2.1	7
98	Ordered Au(111) layers on Si(111). <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2007, 25, 908-911.	2.1	7
99	Nanoparticle plasmon resonances in the near-static limit. <i>Optics Letters</i> , 2011, 36, 713.	3.3	7
100	Second-harmonic generation from electron beam deposited SiO films. <i>Optics Express</i> , 2012, 20, 13857.	3.4	7
101	Recent Health Diagnosis Methods for Lithium-Ion Batteries. <i>Batteries</i> , 2022, 8, 72.	4.5	7
102	Optical second-harmonic generation as a probe of quantum well states in ultrathin Au and Ag films deposited on Si(111). <i>Thin Solid Films</i> , 2000, 364, 86-90.	1.8	6
103	Second harmonic generation spectroscopy on Si surfaces and interfaces. <i>Physica Status Solidi (B): Basic Research</i> , 2010, 247, 2002-2011.	1.5	6
104	High output LED-based profile lighting fixture. , 2011, , .		6
105	Er sensitization by a thin Si layer: Interaction-distance dependence. <i>Physical Review B</i> , 2011, 84, .	3.2	6
106	Light trapping in guided modes of thin-film silicon-on-silver waveguides by scattering from a nanostrip. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2014, 31, 2036.	2.1	6
107	Rapid fabrication and trimming of nanostructured backside reflectors for enhanced optical absorption in a-Si:H solar cells. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 120, 417-425.	2.3	6
108	Field enhancement at silicon surfaces by gold ellipsoids probed by optical second-harmonic generation spectroscopy. <i>Journal of Applied Physics</i> , 2016, 120, .	2.5	6

#	ARTICLE	IF	CITATIONS
109	An Experimental Study on Transient Response of a Hybrid Thermoelectricâ€“Photovoltaic System with Beam Splitter. <i>Energies</i> , 2021, 14, 8129.	3.1	6
110	Image Formation in Second-Harmonic Near-Field Microscopy. <i>Physica Status Solidi A</i> , 1999, 175, 331-336.	1.7	5
111	Spectroscopic second-harmonic generation from silicon-on-insulator wafers. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2009, 26, 917.	2.1	5
112	Oxidation of the surface of a thin amorphous silicon film. <i>Thin Solid Films</i> , 2011, 520, 697-699.	1.8	5
113	Metal organic vapor phase epitaxy growth of (Al)GaN heterostructures on SiC/Si(111) templates synthesized by topochemical method of atoms substitution. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2017, 214, 1700190.	1.8	5
114	Structural Characterization of Mopve Grown Algan/Gan for Hemt Formation. <i>Reviews on Advanced Materials Science</i> , 2018, 57, 72-81.	3.3	5
115	Two-dimensional electron gas at the AlGaIn/GaN interface: Layer thickness dependence. <i>Journal of Applied Physics</i> , 2020, 127, .	2.5	5
116	Which factor determines the optical losses in refractory tungsten thin films at high temperatures?. <i>Applied Surface Science</i> , 2022, 588, 152927.	6.1	5
117	Linear optical properties and second-harmonic generation from ultrathin niobium films: A search for quantization effects. <i>IEEE Journal of Quantum Electronics</i> , 1995, 31, 2044-2051.	1.9	4
118	Deposition and growth of Ag on Si(111) surfaces studied by optical second-harmonic generation. <i>Surface and Interface Analysis</i> , 1998, 26, 872-875.	1.8	4
119	Theory of second-harmonic generation from quantum well states in ultrathin metal films on semiconductors. <i>Physical Review B</i> , 2000, 61, 10255-10266.	3.2	4
120	Optical second-harmonic generation and photoemission from Al quantum wells on Si(111) 7Å–7. <i>Thin Solid Films</i> , 2003, 443, 78-83.	1.8	4
121	Surface and interface resonances in second harmonic generation from metallic quantum wells onSi(111). <i>Physical Review B</i> , 2006, 73, .	3.2	4
122	Structure and properties of Ta/Al/Ta and Ti/Al/Ti/Au multilayer metal stacks formed as ohmic contacts on n-GaN. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 18144-18152.	2.2	4
123	Second-harmonic generation spectroscopy on reconstructed Si(111) surfaces. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2003, 0, 3065-3069.	0.8	3
124	Second-harmonic generation pulse splitting in quartz observed by frequency-domain interferometry. <i>Optics Communications</i> , 2004, 233, 219-223.	2.1	3
125	Epitaxial growth of Al on Si(111) with Cu buffer layers. <i>Surface Science</i> , 2006, 600, 610-616.	1.9	3
126	Modelling and experimental verification of tip-induced polarization in Kelvin probe force microscopy measurements on dielectric surfaces. <i>Journal of Applied Physics</i> , 2015, 118, .	2.5	3

#	ARTICLE	IF	CITATIONS
127	Photoelectron spectroscopy as an in situ contact-less method for studies of MOS properties of ultrathin oxides on Si. Applied Surface Science, 2015, 353, 1208-1213.	6.1	3
128	High-output LED-based light engine for profile lighting fixtures with high color uniformity using freeform reflectors. Applied Optics, 2016, 55, 1356.	2.1	3
129	Thermophotovoltaics: Large Area Ultrabroadband Absorber for Solar Thermophotovoltaics Based on 3D Titanium Nitride Nanopillars (Advanced Optical Materials 22/2017). Advanced Optical Materials, 2017, 5, .	7.3	3
130	Nanostructured Films on Silicon Surfaces. NATO Science Series Series II, Mathematics, Physics and Chemistry, 2006, , 229-255.	0.1	3
131	Experiments with extrinsic Si(111) surfaces: Cs adsorption at room temperature on Si(111) terminated with hydrogen and oxygen. Applied Surface Science, 1997, 117-118, 72-76.	6.1	2
132	Optical Second-Harmonic Generation from an Au Wedge on Si(111). Physica Status Solidi A, 1999, 175, 195-200.	1.7	2
133	MOS Properties of Ultra Thin Oxides on Silicon. Physica Scripta, 2002, T101, 26.	2.5	2
134	Second harmonic response of the Si(111)7Å-7 surface. Surface Science, 2011, 605, 941-946.	1.9	2
135	Growth direction of oblique angle electron beam deposited silicon monoxide thin films identified by optical second-harmonic generation. Applied Physics Letters, 2013, 103, 231906.	3.3	2
136	Growth of aluminum oxide on silicon carbide with an atomically sharp interface. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2017, 35, 01B142.	2.1	2
137	Two-photon photoluminescence and second-harmonic generation from unintentionally doped and semi-insulating GaN crystals. Applied Physics B: Lasers and Optics, 2017, 123, 1.	2.2	2
138	Fourier transform second harmonic generation for high-resolution nonlinear spectroscopy. Optics Communications, 2021, 482, 126593.	2.1	2
139	Plasmon enhanced light scattering into semiconductors by aperiodic metal nanowire arrays. Optics Express, 2019, 27, 14308.	3.4	2
140	Nonlinear optical methods in the nondestructive testing of metal surfaces. NDT International, 1988, 21, 411-414.	0.0	1
141	Large second-harmonic generation in thermally poled silica waveguides. , 0, , .		1
142	Reply to "Comment on "Molecular oxygen on the Si(111)-(7Å-7) surface"™". Physical Review B, 2002, 66,2		1
143	Thin noble metal films on Si(111) investigated by optical second-harmonic generation and photoemission. Applied Physics B: Lasers and Optics, 2002, 74, 677-682.	2.2	1
144	Oxidation Properties of Al-Nanostructures on Si Surfaces. Physica Scripta, 2004, T114, 164-166.	2.5	1

#	ARTICLE	IF	CITATIONS
145	Size-effects in photoemission and optical second harmonic generation spectroscopy of Ge nano-dots on Si(111). Journal of Applied Physics, 2013, 114, .	2.5	1
146	Interface resonances in optical second-harmonic generation from oxide-covered Ge(111) and Ge(100). Journal of the Optical Society of America B: Optical Physics, 2013, 30, 2758.	2.1	1
147	Tunable local excitation of surface plasmon polaritons by sum-frequency generation in ZnO nanowires. Optics Communications, 2015, 356, 109-112.	2.1	1
148	Electric field mapping inside metallized film capacitors. , 2015, , .		1
149	Second-Harmonic Generation Scanning Microscopy on Domains in Al Surfaces. Physica Status Solidi A, 1999, 175, 201-206.	1.7	1
150	Nonlinear Magneto-Optical Kerr Effect in Second Harmonic Generation from Thin Co/sub x/Cu/sub 1-x/ Granular Films. , 0, , .		0
151	Scanning second-harmonic optical microscopy of self-assembled InAlGaAs quantum dots. , 0, , .		0
152	Diffusion voltage in polymer light emitting diodes measured with electric field induced second harmonic generation. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 3993-3996.	0.8	0
153	Electrostatic plasmon resonances of metal nanoparticles in stratified geometries. , 2010, , .		0
154	Surface plasmon polaritons excitation by second-harmonic generation in KNbO ₃ nanowires deposited on thin Ag and Au films. Proceedings of SPIE, 2012, , .	0.8	0
155	Light trapping in thin-film solar cells: the role of guided modes. , 2014, , .		0
156	Plasmonic black metal polarizers for ultra-short laser pulses. Proceedings of SPIE, 2014, , .	0.8	0
157	Second-harmonic scanning microscopy of domains in Al wire bonds in IGBT modules. Optics Express, 2015, 23, 33466.	3.4	0
158	Optical characterization of SiC films grown on Si(111). Applied Physics B: Lasers and Optics, 2018, 124, 1.	2.2	0
159	Engineering 3D Multi-Branched Nanostructures for Ultra- Sensing Applications. , 2018, , .		0
160	SECOND-HARMONIC GENERATION AND PHOTOEMISSION FROM AL QUANTUM WELLS ON SI(111)7Å–7. , 2004, , .		0
161	EXCITATION OF MULTIPOLE PLASMON IN OPTICAL SECOND-HARMONIC GENERATION. , 2006, , .		0
162	Plasmonic black gold and black metals. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
163	Weakly Polarization Dependent Electro-Optic Effect in Poled Silica. , 1999, , .		0
164	Simulation and Verification of Tip-Induced Polarization During Kelvin Probe Force Microscopy Measurements on Film Capacitors. Springer Proceedings in Physics, 2017, , 215-221.	0.2	0
165	Optics of multiple grooves in metal: transition from high scattering to strong absorption. , 2017, , .		0