

Kjeld Pedersen

List of Publications by Year in descending order

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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	Experimental investigation on spectrum beam splitting photovoltaic-thermoelectric generator under moderate solar concentrations. <i>Energy</i> , 2022, 238, 121988.	8.8	38
2	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
3	Recent Health Diagnosis Methods for Lithium-Ion Batteries. <i>Batteries</i> , 2022, 8, 72.	4.5	7
4	Fourier transform second harmonic generation for high-resolution nonlinear spectroscopy. <i>Optics Communications</i> , 2021, 482, 126593.	2.1	2
5	Unprecedented Thermal Stability of Plasmonic Titanium Nitride Films up to 1400 Å°C. <i>Advanced Optical Materials</i> , 2021, 9, 2100323.	7.3	34
6	Spectrally selective emitters based on 3D Mo nanopillars for thermophotovoltaic energy harvesting. <i>Materials Today Physics</i> , 2021, 21, 100503.	6.0	20
7	An Experimental Study on Transient Response of a Hybrid Thermoelectric-Photovoltaic System with Beam Splitter. <i>Energies</i> , 2021, 14, 8129.	3.1	6
8	Two-dimensional electron gas at the AlGaIn/GaN interface: Layer thickness dependence. <i>Journal of Applied Physics</i> , 2020, 127, .	2.5	5
9	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
10	Plasmon enhanced light scattering into semiconductors by aperiodic metal nanowire arrays. <i>Optics Express</i> , 2019, 27, 14308.	3.4	2
11	Structural Characterization of Mopve Grown Algan/Gan for Hemt Formation. <i>Reviews on Advanced Materials Science</i> , 2018, 57, 72-81.	3.3	5
12	Optical characterization of SiC films grown on Si(111). <i>Applied Physics B: Lasers and Optics</i> , 2018, 124, 1.	2.2	0
13	Engineering 3D Multi-Branched Nanostructures for Ultra- Sensing Applications. , 2018, , .		0
14	Ultra-thin titanium nitride films for refractory spectral selectivity [Invited]. <i>Optical Materials Express</i> , 2018, 8, 3717.	3.0	26
15	Growth of aluminum oxide on silicon carbide with an atomically sharp interface. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2017, 35, 01B142.	2.1	2
16	Hot-Spot Engineering in 3D Multi-Branched Nanostructures: Ultrasensitive Substrates for Surface-Enhanced Raman Spectroscopy. <i>Advanced Optical Materials</i> , 2017, 5, 1600836.	7.3	32
17	Two-photon photoluminescence and second-harmonic generation from unintentionally doped and semi-insulating GaN crystals. <i>Applied Physics B: Lasers and Optics</i> , 2017, 123, 1.	2.2	2
18	Large-Area Ultrabroadband Absorber for Solar Thermophotovoltaics Based on 3D Titanium Nitride Nanopillars. <i>Advanced Optical Materials</i> , 2017, 5, 1700552.	7.3	126

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19	Metal organic vapor phase epitaxy growth of (Al)GaN heterostructures on SiC/Si(111) templates synthesized by topochemical method of atoms substitution. Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1700190.	1.8	5
20	Vce as early indicator of IGBT module failure mode. , 2017, , .		12
21	Wire bond degradation under thermo- and pure mechanical loading. Microelectronics Reliability, 2017, 76-77, 373-377.	1.7	14
22	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
23	Power cycling test of a 650 V discrete GaN-on-Si power device with a laminated packaging embedding technology. , 2017, , .		11
24	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
25	Optics of multiple grooves in metal: transition from high scattering to strong absorption. , 2017, , .		0
26	Field enhancement at silicon surfaces by gold ellipsoids probed by optical second-harmonic generation spectroscopy. Journal of Applied Physics, 2016, 120, .	2.5	6
27	Multilayer tungsten-alumina-based broadband light absorbers for high-temperature applications. Optical Materials Express, 2016, 6, 2704.	3.0	101
28	Comprehensive physical analysis of bond wire interfaces in power modules. Microelectronics Reliability, 2016, 58, 58-64.	1.7	13
29	Light extinction and scattering from individual and arrayed high-aspect-ratio trenches in metals. Physical Review B, 2016, 93, .	3.2	12
30	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
31	Dynamic Modeling Method of Electro-Thermo-Mechanical Degradation in IGBT Modules. IEEE Transactions on Power Electronics, 2016, 31, 975-986.	7.9	73
32	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
33	Second-harmonic scanning microscopy of domains in Al wire bonds in IGBT modules. Optics Express, 2015, 23, 33466.	3.4	0
34	Observation of excitonic resonances in the second harmonic spectrum of MoS_2 . Physical Review B, 2015, 92, .	3.2	18
35	Modelling and experimental verification of tip-induced polarization in Kelvin probe force microscopy measurements on dielectric surfaces. Journal of Applied Physics, 2015, 118, .	2.5	3
36	Degradation mapping in high power IGBT modules using four-point probing. Microelectronics Reliability, 2015, 55, 1196-1204.	1.7	11

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37	Degradation Assessment in IGBT Modules Using Four-Point Probing Approach. IEEE Transactions on Power Electronics, 2015, 30, 2405-2412.	7.9	74
38	Optimization of TiAlN/TiAlON/Si ₃ N ₄ solar absorber coatings. Solar Energy, 2015, 118, 410-418.	6.1	17
39	Tunable local excitation of surface plasmon polaritons by sum-frequency generation in ZnO nanowires. Optics Communications, 2015, 356, 109-112.	2.1	1
40	Compact wavelength add-drop multiplexers using Bragg gratings in coupled dielectric-loaded plasmonic waveguides. Optics Letters, 2015, 40, 2429.	3.3	12
41	Surface plasmon polariton excitation by second harmonic generation in single organic nanofibers. Optics Express, 2015, 23, 16356.	3.4	11
42	Near-infrared tailored thermal emission from wafer-scale continuous-film resonators. Optics Express, 2015, 23, A1111.	3.4	24
43	Electric field mapping inside metallized film capacitors. , 2015, , .		1
44	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
45	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
46	Rapid fabrication and trimming of nanostructured backside reflectors for enhanced optical absorption in a-Si:H solar cells. Applied Physics A: Materials Science and Processing, 2015, 120, 417-425.	2.3	6
47	Light trapping in guided modes of thin-film silicon-on-silver waveguides by scattering from a nanostrip. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 2036.	2.1	6
48	Interaction between O ₂ and ZnO films probed by time-dependent second-harmonic generation. Applied Physics Letters, 2014, 104, .	3.3	8
49	Light trapping in thin-film solar cells: the role of guided modes. , 2014, , .		0
50	Extremely confined gap surface-plasmon modes excited by electrons. Nature Communications, 2014, 5, 4125.	12.8	72
51	Interface structure and strength of ultrasonically wedge bonded heavy aluminium wires in Si-based power modules. Journal of Materials Science: Materials in Electronics, 2014, 25, 2863-2871.	2.2	17
52	Plasmonic black metal polarizers for ultra-short laser pulses. Proceedings of SPIE, 2014, , .	0.8	0
53	Plasmonic black metals via radiation absorption by two-dimensional arrays of ultra-sharp convex grooves. Scientific Reports, 2014, 4, 6904.	3.3	16
54	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

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55	Micro-sectioning approach for quality and reliability assessment of wire bonding interfaces in IGBT modules. <i>Microelectronics Reliability</i> , 2013, 53, 1422-1426.	1.7	24
56	Plasmonic black gold based broadband polarizers for ultra-short laser pulses. <i>Applied Physics Letters</i> , 2013, 103, 211102.	3.3	9
57	Plasmonic black metals by broadband light absorption in ultra-sharp convex grooves. <i>New Journal of Physics</i> , 2013, 15, 073007.	2.9	30
58	Growth direction of oblique angle electron beam deposited silicon monoxide thin films identified by optical second-harmonic generation. <i>Applied Physics Letters</i> , 2013, 103, 231906.	3.3	2
59	Pore size dependence of diffuse light scattering from anodized aluminum solar cell backside reflectors. <i>Optics Express</i> , 2013, 21, A84.	3.4	30
60	Interface resonances in optical second-harmonic generation from oxide-covered Ge(111) and Ge(100). <i>Journal of the Optical Society of America B: Optical Physics</i> , 2013, 30, 2758.	2.1	1
61	Second-harmonic generation from electron beam deposited SiO films. <i>Optics Express</i> , 2012, 20, 13857.	3.4	7
62	Surface plasmon polariton generation by light scattering off aligned organic nanofibers. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2012, 29, 249.	2.1	14
63	Polarization-resolved two-photon luminescence microscopy of V-groove arrays. <i>Optics Express</i> , 2012, 20, 654.	3.4	9
64	Local excitation of surface plasmon polaritons by second-harmonic generation in crystalline organic nanofibers. <i>Optics Express</i> , 2012, 20, 16715.	3.4	11
65	Surface plasmon polaritons excitation by second-harmonic generation in KNbO ₃ nanowires deposited on thin Ag and Au films. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0
66	Plasmonic black gold by adiabatic nanofocusing and absorption of light in ultra-sharp convex grooves. <i>Nature Communications</i> , 2012, 3, 969.	12.8	274
67	Bond wire lift-off in IGBT modules due to thermomechanical induced stress. , 2012, , .		27
68	Plasmonic black gold and black metals. , 2012, , .		0
69	Optical transmission through two-dimensional arrays of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mi} \rangle \hat{I}^2 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Sn nanoparticles. <i>Physical Review B</i> , 2011, 84, .	3.2	10
70	Dyadic Green's functions of thin films: Applications within plasmonic solar cells. <i>Physical Review B</i> , 2011, 83, .	3.2	18
71	Indirect near-field absorption mediated by localized surface plasmons. <i>Physical Review B</i> , 2011, 84, .	3.2	12
72	Localized field enhancements in two-dimensional V-groove metal arrays. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2011, 28, 372.	2.1	14

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73	Compact lens with circular spot profile for square die LEDs in multi-LED projectors. Applied Optics, 2011, 50, 4860.	2.1	9
74	Reliability of point source approximations in compact LED lens designs. Optics Express, 2011, 19, A1190.	3.4	21
75	Nanoparticle plasmon resonances in the near-static limit. Optics Letters, 2011, 36, 713.	3.3	7
76	Oxidation of the surface of a thin amorphous silicon film. Thin Solid Films, 2011, 520, 697-699.	1.8	5
77	High output LED-based profile lighting fixture. , 2011, , .		6
78	Second harmonic response of the Si(111)7Å-7 surface. Surface Science, 2011, 605, 941-946.	1.9	2
79	Optical properties and size/shape dependence of In-Sn nanocrystals by tight binding. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 1002-1005.	0.8	10
80	Er sensitization by a thin Si layer: Interaction-distance dependence. Physical Review B, 2011, 84, .	3.2	6
81	Efficient channel-plasmon excitation by nano-mirrors. Applied Physics Letters, 2011, 99, 213109.	3.3	15
82	Electrostatic plasmon resonances of metal nanoparticles in stratified geometries. , 2010, , .		0
83	On localized surface plasmons of metallic tin nanoparticles in silicon. Physica Status Solidi - Rapid Research Letters, 2010, 4, 292-294.	2.4	11
84	Second harmonic generation spectroscopy on Si surfaces and interfaces. Physica Status Solidi (B): Basic Research, 2010, 247, 2002-2011.	1.5	6
85	Electrostatic plasmon resonances of metal nanospheres in layered geometries. Physical Review B, 2010, 81, .	3.2	15
86	Erbium diffusion in silicon dioxide. Applied Physics Letters, 2010, 97, 141903.	3.3	19
87	Guidelines for 1D-periodic surface microstructures for antireflective lenses. Optics Express, 2010, 18, 26245.	3.4	9
88	Systematic tight-binding study of optical second-harmonic generation in carbon nanotubes. Physical Review B, 2009, 79, .	3.2	20
89	Second-harmonic generation spectroscopy on organic nanofibers. Applied Physics B: Lasers and Optics, 2009, 96, 821-826.	2.2	23
90	Spectroscopic second-harmonic generation from silicon-on-insulator wafers. Journal of the Optical Society of America B: Optical Physics, 2009, 26, 917.	2.1	5

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91	Optical response and excitons in gapped graphene. <i>Physical Review B</i> , 2009, 79, .	3.2	72
92	Ab initio calculation of electronic and optical properties of metallic tin. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 115502.	1.8	19
93	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
94	Optical properties of graphene antidot lattices. <i>Physical Review B</i> , 2008, 77, .	3.2	109
95	Graphene Antidot Lattices: Designed Defects and Spin Qubits. <i>Physical Review Letters</i> , 2008, 100, 136804.	7.8	451
96	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
97	Plasma assisted growth of ultrathin nitrides on Si surfaces under ultrahigh vacuum conditions. <i>Journal of Physics: Conference Series</i> , 2007, 86, 012019.	0.4	8
98	Epitaxial growth of Al on Si(111) with Cu buffer layers. <i>Surface Science</i> , 2006, 600, 610-616.	1.9	3
99	Growth of a stacked silicon nitride/silicon oxide dielectric on Si(100). <i>Journal of Vacuum Science & Technology B</i> , 2006, 24, 2119.	1.3	20
100	Surface and interface resonances in second harmonic generation from metallic quantum wells on Si(111). <i>Physical Review B</i> , 2006, 73, .	3.2	4
101	Nanostructured Films on Silicon Surfaces. <i>NATO Science Series Series II, Mathematics, Physics and Chemistry</i> , 2006, , 229-255.	0.1	3
102	EXCITATION OF MULTIPOLE PLASMON IN OPTICAL SECOND-HARMONIC GENERATION. , 2006, , .		0
103	Diffusion voltage in polymer light emitting diodes measured with electric field induced second harmonic generation. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005, 2, 3993-3996.	0.8	0
104	Roads to ultrathin silicon oxides. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2005, 23, 201-207.	2.1	28
105	Stability and Signatures of Biexcitons in Carbon Nanotubes. <i>Nano Letters</i> , 2005, 5, 291-294.	9.1	63
106	Oxidation Properties of Al-Nanostructures on Si Surfaces. <i>Physica Scripta</i> , 2004, T114, 164-166.	2.5	1
107	Second-harmonic generation pulse splitting in quartz observed by frequency-domain interferometry. <i>Optics Communications</i> , 2004, 233, 219-223.	2.1	3
108	SECOND-HARMONIC GENERATION AND PHOTOEMISSION FROM AL QUANTUM WELLS ON Si(111). , 2004, , .		0

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109	High-resolution second-harmonic microscopy of poled silica waveguides. Optics Communications, 2003, 221, 295-300.	2.1	16
110	Characterisation of Au films on Si(111)-Au by photoemission and optical second-harmonic generation. Surface Science, 2003, 523, 21-29.	1.9	13
111	Second-harmonic generation spectroscopy on reconstructed Si(111) surfaces. Physica Status Solidi C: Current Topics in Solid State Physics, 2003, 0, 3065-3069.	0.8	3
112	Optical second-harmonic generation and photoemission from Al quantum wells on Si(111) 7Å-7. Thin Solid Films, 2003, 443, 78-83.	1.8	4
113	Epitaxial growth of thin Ag and Au films on Si(111) using thin copper silicide buffer layers. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2003, 21, 1431-1435.	2.1	7
114	Reply to "Comment on "Molecular oxygen on the Si(111)-(7Å-7) surface" Physical Review B, 2002, 66, 2		1
115	MOS Properties of Ultra Thin Oxides on Silicon. Physica Scripta, 2002, T101, 26.	2.5	2
116	Optimum Cu buffer layer thickness for growth of metal overlayers on Si (111). Physical Review B, 2002, 66, .	3.2	14
117	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
118	Theoretical and experimental studies of photoemission from Al quantum wells on Si(111). Surface Science, 2002, 516, 127-133.	1.9	10
119	Optical matrix elements in tight-binding calculations. Physical Review B, 2001, 63, .	3.2	93
120	From oxygen adsorption to the growth of thin oxides on silicon surfaces. Computational Materials Science, 2001, 21, 481-487.	3.0	10
121	Optical second-harmonic generation and photoemission from quantum well states in thin Ag films on Si(111). Surface Science, 2001, 482-485, 735-739.	1.9	20
122	Second-harmonic scanning optical microscopy of semiconductor quantum dots. Optics Communications, 2001, 189, 305-311.	2.1	11
123	Molecular oxygen on the Si(111)-7Å-7 surface. Physical Review B, 2001, 64, .	3.2	19
124	Optical second-harmonic generation as a probe of quantum well states in ultrathin Au and Ag films deposited on Si(111). Thin Solid Films, 2000, 364, 86-90.	1.8	6
125	Poling of silica with silver-containing electrodes. Electronics Letters, 2000, 36, 1635.	1.0	25
126	Second-harmonic imaging of semiconductor quantum dots. Applied Physics Letters, 2000, 77, 806-808.	3.3	15

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127	Second-harmonic imaging of poled silica waveguides. Applied Physics Letters, 2000, 76, 25-27.	3.3	25
128	Theory of second-harmonic generation from quantum well states in ultrathin metal films on semiconductors. Physical Review B, 2000, 61, 10255-10266.	3.2	4
129	Second-harmonic scanning optical microscopy of poled silica waveguides. Journal of Applied Physics, 2000, 88, 3872.	2.5	12
130	Optical second-harmonic generation from Ag quantum wells on Si(111)7 \AA -7: Experiment and theory. Physical Review B, 1999, 60, R13997-R14000.	3.2	17
131	Second-harmonic generation spectroscopy on quantum wells: Au on Si(111). Applied Physics B: Lasers and Optics, 1999, 68, 637-640.	2.2	16
132	Optical Second-Harmonic Generation from an Au Wedge on Si(111). Physica Status Solidi A, 1999, 175, 195-200.	1.7	2
133	Second-Harmonic Generation Scanning Microscopy on Domains in Al Surfaces. Physica Status Solidi A, 1999, 175, 201-206.	1.7	12
134	Image Formation in Second-Harmonic Near-Field Microscopy. Physica Status Solidi A, 1999, 175, 331-336.	1.7	5
135	Second-Harmonic Generation Scanning Microscopy on Domains in Al Surfaces. Physica Status Solidi A, 1999, 175, 201-206.	1.7	1
136	Weakly Polarization Dependent Electro-Optic Effect in Poled Silica. , 1999, , .		0
137	Plasmon Excitations in Thin Alkali Metal Films on Si(111)7 \AA - 7. Physica Status Solidi A, 1998, 170, 411-416.	1.7	7
138	Deposition and growth of Ag on Si(111) surfaces studied by optical second-harmonic generation. Surface and Interface Analysis, 1998, 26, 872-875.	1.8	4
139	Near-field optical microscopy of nonlinear susceptibilities. Optics Communications, 1998, 150, 49-55.	2.1	33
140	Far- and near-field second-harmonic imaging of ferroelectric domain walls. Optics Communications, 1998, 152, 221-224.	2.1	44
141	Second-harmonic imaging of ferroelectric domain walls. Applied Physics Letters, 1998, 73, 1814-1816.	3.3	77
142	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
143	Room-temperature deposition and growth of Au on clean and oxygen passivated Si(111) surfaces investigated by optical second-harmonic generation. Journal of Physics Condensed Matter, 1997, 9, 9497-9506.	1.8	7
144	Optical second-harmonic generation spectroscopy on Si(111)7 \AA - 7. Surface Science, 1997, 377-379, 393-397.	1.9	28

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145	Second harmonic generation due to surface plasmon localization. <i>Surface Science</i> , 1997, 377-379, 384-387.	1.9	18
146	Room temperature adsorption of Cs on Si(111)-(7 Å ⁻¹ × 7) studied by optical second-harmonic generation. <i>Surface Science</i> , 1997, 391, 252-259.	1.9	14
147	Experiments with extrinsic Si(111) surfaces: Cs adsorption at room temperature on Si(111) terminated with hydrogen and oxygen. <i>Applied Surface Science</i> , 1997, 117-118, 72-76.	6.1	2
148	Experimental evidence of the origin of rotational anisotropy in second harmonic generation from vicinal Al surfaces. <i>Surface Science</i> , 1996, 369, 265-276.	1.9	9
149	Second-order optical nonlinearities in dilute melt proton exchange waveguides in LiNbO_3 . <i>Applied Physics Letters</i> , 1996, 69, 2333-2335.	3.3	12
150	Dispersion of optical second-harmonic generation of Si(111) 7 Å ⁻¹ × 7 during oxygen adsorption. <i>Physical Review B</i> , 1996, 53, 9544-9547.	3.2	14
151	Thickness dependence of optical second-harmonic generation from ultrathin niobium films. <i>Optics Communications</i> , 1995, 115, 137-144.	2.1	7
152	Dispersion of optical second-harmonic generation from Si(111)7 Å ⁻¹ × 7. <i>Physical Review B</i> , 1995, 52, R2277-R2280.	3.2	40
153	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
154	The Au/Si(111) system studied by optical second-harmonic generation. <i>Physica Scripta</i> , 1994, T54, 238-240.	2.5	7
155	Optical second-harmonic generation from vicinal Al(100) crystals. <i>Surface Science</i> , 1994, 321, 1-7.	1.9	7
156	Surface-enhanced second-harmonic generation in C60-coated silver island films. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1993, 179, 149-153.	2.1	10
157	Dispersion and anisotropy of the optical second-harmonic response of single-crystal Al surfaces. <i>Physical Review B</i> , 1991, 44, 3943-3954.	3.2	62
158	Structural transformations in adsorbed oxygen layers on Al surfaces observed using optical second-harmonic generation. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1991, 9, 1506-1510.	2.1	13
159	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
160	Nonlinear optical methods in the nondestructive testing of metal surfaces. <i>NDT International</i> , 1988, 21, 411-414.	0.0	1
161	Photoelastic properties of metals measured by off-null ellipsometry. <i>Applied Optics</i> , 1986, 25, 226.	2.1	10
162	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

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163	Nonlinear Magneto-Optical Kerr Effect in Second Harmonic Generation from Thin Co/sub x/Cu/sub 1-x/ Granular Films. , 0, , .		0
164	Scanning second-harmonic optical microscopy of self-assembled InAlGaAs quantum dots. , 0, , .		0
165	Large second-harmonic generation in thermally poled silica waveguides. , 0, , .		1