

# Suraj P Khanna

## List of Publications by Year in descending order

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175  
papers

3,604  
citations

159358

30  
h-index

138251

58  
g-index

177  
all docs

177  
docs citations

177  
times ranked

2568  
citing authors

#	ARTICLE	IF	CITATIONS
1	ReWORM Memory Effect in PET-Metal Fiber-Based Electroconductive Yarn. IEEE Transactions on Electron Devices, 2022, 69, 4236-4240.	1.6	1
2	Edge-contact large area hetero-structure fast photodetector utilizing two-dimensional r-GO on three-dimensional GaN material interface. Sensors and Actuators A: Physical, 2020, 303, 111720.	2.0	7
3	Direct measurement of interfacial Dzyaloshinskiiâ€Moriya interaction at the MoS <sub>2</sub> /Ni <sub>80</sub> Fe <sub>20</sub> interface. Applied Physics Letters, 2020, 116, .	1.5	12
4	Solution-Processed-2D on 3D Heterojunction UVâ€Visible Photodetector for Low-Light Applications. ACS Applied Electronic Materials, 2019, 1, 1489-1497.	2.0	17
5	Accuracy of activation energy from Arrhenius plots and temperature-dependent internal photoemission spectroscopy. Infrared Physics and Technology, 2019, 102, 103026.	1.3	4
6	Longâ€Term, Highâ€Voltage, and Highâ€Temperature Stable Dualâ€Mode, Low Dark Current Broadband Ultraviolet Photodetector Based on Solutionâ€Cast râ€GO on MBEâ€Grown Highly Resistive GaN. Advanced Optical Materials, 2019, 7, 1900340.	3.6	19
7	Enhanced Photodetection in Visible Region in rGO/GaN Based Hybrid Photodetector. Springer Proceedings in Physics, 2019, , 3-6.	0.1	0
8	Broadband Photodetector with Lateral n-rGO/p+Si Heterojunction. Springer Proceedings in Physics, 2019, , 99-104.	0.1	0
9	Analysis of Extended Threshold Wavelength Photoresponse in Nonsymmetrical p-GaAs/AlGaAs Heterostructure Photodetectors. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-7.	1.9	5
10	Large bandgap reduced graphene oxide (rGO) based n-p heterojunction photodetector with improved NIR performance. Semiconductor Science and Technology, 2018, 33, 045012.	1.0	17
11	Exploration of Trap Levels in GaN and Al <sub>0.2</sub> Ga <sub>0.8</sub> N Layers by Temperature-Dependent Photoconductivity Measurement. Materials Today: Proceedings, 2018, 5, 2132-2138.	0.9	2
12	Mixed Phase Compositions of MoS <sub>2</sub> Ultra Thin Film Grown by Pulsed Laser Deposition. Materials Today: Proceedings, 2018, 5, 2241-2245.	0.9	9
13	Electronic structure of the PLD grown mixed phase MoS <sub>2</sub> /GaN interface and its thermal annealing effect. Current Applied Physics, 2018, 18, 170-177.	1.1	17
14	Determining Ethanol Content of Liquid Solutions Using Laser Feedback Interferometry with a Terahertz Quantum Cascade Laser. , 2018, 2, 1-4.		9
15	Binary Multifunctional Ultrabroadband Selfâ€Powered gâ€C <sub>3</sub> N <sub>4</sub> /Si Heterojunction Highâ€Performance Photodetector. Advanced Optical Materials, 2018, 6, 1800191.	3.6	40
16	Extended wavelength infrared photodetectors. Optical Engineering, 2017, 56, 091605.	0.5	9
17	Emerging photoluminescence from bilayer large-area 2D MoS <sub>2</sub> films grown by pulsed laser deposition on different substrates. Journal of Applied Physics, 2017, 122, .	1.1	36
18	FOCUSED BEAM BROFILING FROM A TERAHERTZ QUANTUM CASCADE LASER. Jurnal Teknologi (Sciences) Tj ETQq0.0.0 rgBT 0/Overlock .		0.3

#	ARTICLE	IF	CITATIONS
19	Laser Feedback Interferometry as a Tool for Analysis of Granular Materials at Terahertz Frequencies: Towards Imaging and Identification of Plastic Explosives. <i>Sensors</i> , 2016, 16, 352.	2.1	27
20	Model for a pulsed terahertz quantum cascade laser under optical feedback. <i>Optics Express</i> , 2016, 24, 20554.	1.7	16
21	Ultrasensitive self-powered large area planar GaN UV-photodetector using reduced graphene oxide electrodes. <i>Applied Physics Letters</i> , 2016, 109, .	1.5	85
22	Low-frequency noise properties of p-type GaAs/AlGaAs heterojunction detectors. <i>Infrared Physics and Technology</i> , 2016, 78, 99-104.	1.3	0
23	Terahertz frequency quantum cascade lasers: Optical feedback effects and applications. , 2016, , .		1
24	Effect of substrate nitridation temperature on the persistent photoconductivity of unintentionally-doped GaN layer grown by PAMBE. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	0
25	Infrared photodetector with wavelength extension beyond the spectral limit. <i>Proceedings of SPIE</i> , 2016, , .	0.8	1
26	Mid-infrared photodetectors operating over an extended wavelength range up to 90 $\mu$ m. <i>Optics Letters</i> , 2016, 41, 285.	1.7	3
27	Diffuse-Reflectance Spectroscopy Using a Frequency-Switchable Terahertz Quantum Cascade Laser. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2016, 6, 341-347.	2.0	4
28	The impact of RF-plasma power in carrier relaxation dynamics of unintentional doped GaN epitaxial layers grown by MBE. <i>Optical Materials</i> , 2016, 54, 26-31.	1.7	3
29	Terahertz radar cross-section characterisation using laser feedback interferometry with quantum cascade laser. <i>Electronics Letters</i> , 2015, 51, 1774-1776.	0.5	12
30	Switching circuit to improve the frequency modulation difference-intensity THz quantum cascade laser imaging. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	0
31	Efficient prediction of terahertz quantum cascade laser dynamics from steady-state simulations. <i>Applied Physics Letters</i> , 2015, 106, .	1.5	32
32	Tunable hot-carrier photodetector. , 2015, , .		0
33	Terahertz quantum cascade laser bandwidth prediction. , 2015, , .		0
34	A QCL model with integrated thermal and stark rollover mechanisms. , 2014, , .		0
35	High-contrast coherent terahertz imaging of porcine tissue via swept-frequency feedback interferometry. <i>Biomedical Optics Express</i> , 2014, 5, 3981.	1.5	41
36	Terahertz inverse synthetic aperture radar imaging using self-mixing interferometry with a quantum cascade laser. <i>Optics Letters</i> , 2014, 39, 2629.	1.7	36

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37	Electrically pumped semiconductor laser with monolithic control of circular polarization. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E5623-32.	3.3	25
38	Terahertz imaging using quantum cascade lasers—a review of systems and applications. Journal Physics D: Applied Physics, 2014, 47, 374008.	1.3	141
39	Non-universality of scaling exponents in quantum Hall transitions. Journal of Physics Condensed Matter, 2014, 26, 475801.	0.7	7
40	Tunable hot-carrier photodetection beyond the bandgap spectral limit. Nature Photonics, 2014, 8, 412-418.	15.6	66
41	Wavelength-extended photovoltaic infrared photodetectors. Applied Physics Letters, 2014, 104, .	1.5	6
42	Growth and Characterization of Plasma Assisted MBE Grown GaN Films at Different Plasma Powers. Advanced Science Letters, 2014, 20, 1401-1405.	0.2	2
43	Coherent THz imaging using the self-mixing effect in quantum cascade lasers. , 2014, , .		0
44	Time-resolved measurement of pulse-to-pulse heating effects in a terahertz quantum cascade laser using an NbN superconducting detector. Applied Physics Letters, 2013, 103, .	1.5	5
45	Terahertz and mid-infrared photoexpansion nanospectroscopy. Proceedings of SPIE, 2013, , .	0.8	0
46	Spectral Properties of THz Quantum-Cascade Lasers: Frequency Noise, Phase-Locking and Absolute Frequency Measurement. Journal of Infrared, Millimeter, and Terahertz Waves, 2013, 34, 342-356.	1.2	9
47	Transient Analysis of THz-QCL Pulses Using NbN and YBCO Superconducting Detectors. IEEE Transactions on Terahertz Science and Technology, 2013, 3, 172-179.	2.0	11
48	Direct observation of spin-orbit splitting and phonon-assisted optical transitions in the valence band by internal photoemission spectroscopy. Physical Review B, 2013, 88, .	1.1	6
49	Photothermoelastic response of zincblende crystals to radiation from a THz-frequency quantum cascade laser. , 2013, , .		0
50	Transient analysis of substrate heating effects in a terahertz quantum cascade laser using an ultrafast NbN superconducting detector. , 2013, , .		0
51	Phase-locked arrays of surface-emitting terahertz distributed feedback quantum cascade lasers. , 2013, , .		0
52	Self-Mixing Interferometry With Terahertz Quantum Cascade Lasers. IEEE Sensors Journal, 2013, 13, 37-43.	2.4	46
53	Stabilization and mode locking of terahertz quantum cascade lasers. IEEE Journal of Selected Topics in Quantum Electronics, 2013, 19, 8501011-8501011.	1.9	10
54	Terahertz quantum cascade lasers with thin resonant-phonon depopulation active regions and surface-plasmon waveguides. Journal of Applied Physics, 2013, 113, 113110.	1.1	14

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55	Continuous-wave coherent imaging with terahertz quantum cascade lasers using electro-optic harmonic sampling. Applied Physics Letters, 2013, 102, .	1.5	23
56	Laser-seeding dynamics with few-cycle pulses: Maxwell-Bloch finite-difference time-domain simulations of terahertz quantum cascade lasers. Physical Review A, 2013, 87, .	1.0	30
57	Self-mixing effect in THz quantum cascade lasers: Applications in sensing and imaging. , 2013, , .		1
58	Swept-frequency feedback interferometry using terahertz frequency QCLs: a method for imaging and materials analysis. Optics Express, 2013, 21, 22194.	1.7	91
59	Detection of terahertz frequency radiation via the photothermoelastic response of zincblende crystals. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 3151.	0.9	0
60	Comparative optical study of epitaxial InGaAs quantum rods grown with As[sub 2] and As[sub 4] sources. , 2013, , .		0
61	Mode-locked terahertz quantum cascade laser by direct phase synchronization. AIP Conference Proceedings, 2013, , .	0.3	1
62	Photoreflectance and photoluminescence study of InAs dots-in-a-well nanostructures. , 2013, , .		0
63	Low-frequency noise properties of beryllium $\delta$ -doped GaAs/AlAs quantum wells near the Mott transition. Journal of Applied Physics, 2013, 113, 083707.	1.1	5
64	Single-mode surface-emitting concentric-circular-grating terahertz quantum cascade lasers. Applied Physics Letters, 2013, 102, 031119.	1.5	29
65	Hot-carrier photodetector beyond spectral limit. , 2013, , .		1
66	Spectroscopic analysis of powders through diffuse-reflectance imaging using a frequency-switchable terahertz quantum cascade laser. , 2013, , .		0
67	Phase-locking of surface-emitting THz quantum cascade laser arrays. Proceedings of SPIE, 2013, , .	0.8	1
68	Integrated injection seeded terahertz source and amplifier for time-domain spectroscopy. Optics Letters, 2012, 37, 731.	1.7	5
69	Measuring the sampling coherence of a terahertz quantum cascade laser. Optics Express, 2012, 20, 16662.	1.7	21
70	Mode-locking of a terahertz laser by direct phase synchronization. Optics Express, 2012, 20, 20855.	1.7	25
71	Photovoltaic infrared detection with p-type graded barrier heterostructures. Journal of Applied Physics, 2012, 111, .	1.1	11
72	Ultra-fast sampling of terahertz pulses from a quantum cascade laser using superconducting antenna-coupled NbN and YBCO detectors. , 2012, , .		0

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73	Thermo-optic detection of quantum cascade laser radiation in the range 2.2-2.9THz using a ZnTe crystal. , 2012, , .		0
74	Single-mode narrow beam divergence surface-emitting concentric-circular-grating terahertz quantum cascade lasers. , 2012, , .		0
75	Measurement of the intrinsic linewidth of terahertz quantum cascade lasers using a near-infrared frequency comb. Optics Express, 2012, 20, 25654.	1.7	68
76	Phase Modelocking of a Terahertz quantum cascade laser. , 2012, , .		0
77	High power extraction in (THz) surface-emitting lasers using type-II photonic heterostructures. , 2012, , .		0
78	Limiting Factors to the Temperature Performance of THz Quantum Cascade Lasers Based on the Resonant-Phonon Depopulation Scheme. IEEE Transactions on Terahertz Science and Technology, 2012, 2, 83-92.	2.0	59
79	Graded-barrier heterostructures for photovoltaic split-off infrared detection. , 2012, , .		0
80	Time domain measurements of the sampling coherence of a terahertz quantum cascade laser. , 2012, , .		0
81	Injection seeding dynamics of THz quantum cascade lasers. , 2012, , .		0
82	Efficient power extraction in surface-emitting semiconductor lasers using graded photonic heterostructures. Nature Communications, 2012, 3, 952.	5.8	120
83	Polarized photoreflectance and photoluminescence spectroscopy of InGaAs/GaAs quantum rods grown with As <sub>2</sub> and As <sub>4</sub> sources. Nanoscale Research Letters, 2012, 7, 609.	3.1	11
84	Self-mixing signals in terahertz lasers. , 2012, , .		0
85	Resonant-phonon depopulation terahertz quantum cascade lasers and their application in spectroscopic imaging. Semiconductor Science and Technology, 2012, 27, 094004.	1.0	6
86	Electronic structure and optical anisotropy of InGaAs quantum rods studied by photoreflectance and photoluminescence. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 1640-1642.	0.8	1
87	Integrated injection seeded THz source and amplifier for time-domain spectroscopy. , 2012, , .		0
88	Optical wavelength shifting using resonant non-linearities in THz quantum cascade lasers. , 2012, , .		0
89	Time-domain measurements of the sampling coherence of a quantum cascade laser. , 2012, , .		0
90	GaAs/Al <sub>0.15</sub> Ga <sub>0.85</sub> As terahertz quantum cascade lasers with double-phonon resonant depopulation operating up to 172 K. , 2011, , .		0

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91	Intersubband Raman laser for operation in terahertz. , 2011, , .		0
92	Terahertz sensing and imaging using a quantum cascade laser. , 2011, , .		0
93	Terahertz imaging through self-mixing in a quantum cascade laser. Optics Letters, 2011, 36, 2587.	1.7	149
94	Phase-locking of a 25 THz quantum cascade laser to a frequency comb using a GaAs photomixer. Optics Letters, 2011, 36, 3969.	1.7	62
95	Terahertz Time Domain Spectroscopy of Phonon-Depopulation Based Quantum Cascade Lasers. AIP Conference Proceedings, 2011, , .	0.3	0
96	Vertical Sub-Wavelength Mode Confinement in THz Quantum Cascade Lasers. , 2011, , .		0
97	Room temperature photovoltaic response of split-off band infrared detectors with a graded barrier. , 2011, , .		0
98	Terahertz Amplifier Based On Gain Switching In a Quantum Cascade Laser. AIP Conference Proceedings, 2011, , .	0.3	0
99	Coherent sampling of active mode-locked terahertz quantum cascade lasers and frequency synthesis. Nature Photonics, 2011, 5, 306-313.	15.6	189
100	Effects of graded barriers on the operation of split-off band infrared detectors. Infrared Physics and Technology, 2011, 54, 296-301.	1.3	1
101	Coherent detection of an active mode-locked terahertz quantum cascade laser. , 2011, , .		0
102	Demonstration of a self-mixing displacement sensor based on terahertz quantum cascade lasers. Applied Physics Letters, 2011, 99, .	1.5	63
103	Impact of disorder on frequency scaling in the integer quantum Hall effect. Physical Review B, 2011, 84, .	1.1	13
104	Low temperature near-field scanning optical microscopy on infrared and terahertz photonic-crystal quantum cascade lasers. Applied Physics Letters, 2011, 98, .	1.5	13
105	Photonic heterostructures: A new concept for high power surface emission in THz quantum cascade lasers. , 2011, , .		0
106	Vertical subwavelength mode confinement in terahertz and mid-infrared quantum cascade lasers. Applied Physics Letters, 2011, 98, .	1.5	22
107	Photoreflectance and photoluminescence studies of epitaxial InGaAs quantum rods grown with As <sub>2</sub> and As <sub>4</sub> sources. Journal of Applied Physics, 2011, 109, .	1.1	5
108	Ultrafast gain switching of THz quantum cascade lasers. Proceedings of SPIE, 2011, , .	0.8	0

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109	Active-mode-locked terahertz quantum cascade lasers. , 2011, , .		0
110	Measurement and analysis of the diffuse reflectance of powdered samples at terahertz frequencies using a quantum cascade laser. Journal of Chemical Physics, 2011, 134, 134304.	1.2	6
111	Photoreflectance of Epitaxial InGaAs Quantum Rods. Acta Physica Polonica A, 2011, 119, 164-166.	0.2	1
112	Terahertz Sensing Based on Impurity Transitions in delta-doped GaAs/AlAs Multiple Quantum Wells. , 2010, , .		0
113	MBE growth and transport properties of silicon $\delta$ -doped GaAs/AlAs quantum well structures for terahertz frequency detection. Journal of Crystal Growth, 2010, 312, 1761-1765.	0.7	6
114	Designer spoof surface plasmon structures collimate terahertz laser beams. Nature Materials, 2010, 9, 730-735.	13.3	260
115	Graded photonic crystal terahertz quantum cascade lasers. Applied Physics Letters, 2010, 96, .	1.5	44
116	Optimized surface-emitting photonic-crystal terahertz quantum cascade lasers with reduced resonator dimensions. Applied Physics Letters, 2010, 97, 131101.	1.5	17
117	GaAs/Al <sub>0.15</sub> Ga <sub>0.85</sub> As terahertz quantum cascade lasers with double-phonon resonant depopulation operating up to 172 K. Applied Physics Letters, 2010, 97, 131111.	1.5	31
118	Effects of using As <sub>2</sub> and As <sub>4</sub> on the optical properties of InGaAs quantum rods grown by molecular beam epitaxy. Journal of Applied Physics, 2010, 108, 103522.	1.1	6
119	Terahertz plasmonics. Electronics Letters, 2010, 46, S52.	0.5	30
120	Multiple-frequency imaging using a terahertz quantum cascade laser. , 2010, , .		0
121	Self-mixing interferometry with a terahertz Quantum Cascade Laser: Feedback induced voltage signal. , 2010, , .		0
122	Injection-locking of terahertz quantum cascade lasers up to 35GHz using RF amplitude modulation. Optics Express, 2010, 18, 20799.	1.7	103
123	Superlattice electronic devices as high-performance oscillators between 60â€“220 GHz. Applied Physics Letters, 2010, 96, 072101.	1.5	30
124	Terahertz quantum cascade lasers with angled facets for monolithic integration. , 2010, , .		0
125	Gain switching of a terahertz quantum cascade laser for THz pulse amplification. , 2010, , .		0
126	Gain studies of phonon-depopulation based terahertz quantum cascade lasers using terahertz time domain spectroscopy. , 2010, , .		0



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127	Injection-locking of terahertz quantum cascade lasers up to 35GHz via RF amplitude modulation. , 2010, , .		0
128	Phase-locking of 2.4 and 2.7 terahertz quantum cascade lasers to a femtosecond mode-locked Er-fiber laser. , 2010, , .		0
129	Terahertz Quantum Cascade Lasers with Integrated Plasmonic Collimators. , 2010, , .		2
130	Terahertz amplifier based on gain switching in a quantum cascade laser. , 2010, , .		0
131	Terahertz time domain spectroscopy of phonondepopulation based quantum cascade lasers. , 2010, , .		0
132	Terahertz goubau waveguides with integrated photoconductive emitters and mode discriminating detectors. , 2009, , .		0
133	Effect of emitter thickness on the spectral shape of heterojunction interfacial workfunction internal photoemission detectors. Journal of Applied Physics, 2009, 106, 014509.	1.1	1
134	Dual-frequency imaging using an electrically tunable terahertz quantum cascade laser. , 2009, , .		1
135	On-chip terahertz Goubau-line waveguides with integrated photoconductive emitters and mode-discriminating detectors. Applied Physics Letters, 2009, 95, .	1.5	21
136	Electrically tunable terahertz quantum-cascade laser with a heterogeneous active region. Applied Physics Letters, 2009, 95, 181101.	1.5	33
137	Terahertz time domain spectroscopy of phonon-depopulation based quantum cascade lasers. Applied Physics Letters, 2009, 94, 251108.	1.5	24
138	Electrically pumped photonic-crystal terahertz lasers controlled by boundary conditions. Nature, 2009, 457, 174-178.	13.7	334
139	Terahertz amplifier based on gain switching in a quantum cascade laser. Nature Photonics, 2009, 3, 715-719.	15.6	68
140	High-Temperature Operation of Terahertz Quantum Cascade Laser Sources. IEEE Journal of Selected Topics in Quantum Electronics, 2009, 15, 952-967.	1.9	111
141	Generation of Bessel beams using a terahertz quantum cascade laser. Optics Letters, 2009, 34, 1030.	1.7	19
142	Photonic Crystal THz Lasers with Controllable Surface Emission Patterns. Optics and Photonics News, 2009, 20, 37.	0.4	1
143	Predictable surface emission patterns in terahertz photonic-crystal quantum cascade lasers. Optics Express, 2009, 17, 9491.	1.7	30
144	Terahertz ambipolar dual-wavelength quantum cascade laser. Optics Express, 2009, 17, 19926.	1.7	23

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145	Dual-frequency imaging using an electrically tunable terahertz quantum cascade laser. Optics Express, 2009, 17, 20631.	1.7	42
146	Surface-Emitting Photonic Crystal Terahertz Semiconductor Lasers. , 2009, , .		0
147	Low divergence, single-lobed, surface emission from THz photonic-crystal quantum cascade lasers. , 2009, , .		0
148	The growth and measurement of terahertz quantum cascade lasers. Physica E: Low-Dimensional Systems and Nanostructures, 2008, 40, 1859-1861.	1.3	17
149	Sub-wavelength imaging of terahertz dielectric permittivity using planar resonant circuits. , 2008, , .		0
150	Terahertz quantum cascade lasers with copper metal-metal waveguides operating up to 178 K. Optics Express, 2008, 16, 3242.	1.7	194
151	Absorption-sensitive diffuse reflection imaging of concealed powders using a terahertz quantum cascade laser. Optics Express, 2008, 16, 5997.	1.7	56
152	Dopant Migration-Induced Interface Dipole Effect in n-Doped GaAs/AlGaAs Terahertz Detectors. IEEE Electron Device Letters, 2008, 29, 1090-1093.	2.2	4
153	Terahertz vibrational absorption resonances observed using on-chip terahertz circuits. , 2008, , .		0
154	Terahertz frequency quantum cascade lasers operating up to 178 K with copper metal-metal waveguides. , 2008, , .		0
155	Impurity bound-to-unbound terahertz sensors based on beryllium and silicon $\delta$ -doped GaAs $\delta$ -AlAs multiple quantum wells. Applied Physics Letters, 2008, 92, 053503.	1.5	16
156	Radiative recombination spectra of p-type $\delta$ -doped GaAs $\delta$ -AlAs multiple quantum wells near the Mott transition. Journal of Applied Physics, 2008, 103, 123108.	1.1	14
157	Wide-ridge metal-metal terahertz quantum cascade lasers with high-order lateral mode suppression. Applied Physics Letters, 2008, 92, .	1.5	46
158	Effect of transverse mode structure on the far field pattern of metal-metal terahertz quantum cascade lasers. Journal of Applied Physics, 2008, 104, 124513.	1.1	14
159	Wide ridge low-divergence metal-metal terahertz quantum cascade lasers. , 2008, , .		0
160	Terahertz Detection with $\delta$ -Doped GaAs/AlAs Multiple Quantum Wells. Acta Physica Polonica A, 2008, 113, 909-912.	0.2	3
161	Radiative Recombination Spectra of Heavily p-Type $\delta$ -Doped GaAs/AlAs MQWs. Acta Physica Polonica A, 2008, 113, 963-966.	0.2	1
162	Terahertz quantum cascade lasers operating up to 178 K with copper metal-metal waveguides. , 2008, , .		0

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163	Cyclotron absorption in two-dimensional electron systems monitored by terahertz time-domain spectroscopy. , 2007, , .		0
164	Evanescent-field Terahertz time-domain microscopy. , 2007, , .		0
165	Monolithic integration of low-temperature-grown GaAs with a two-dimensional electron gas. Semiconductor Science and Technology, 2007, 22, 811-813.	1.0	3
166	Low-Divergence Surface-Emitting Terahertz Quantum Cascade Lasers. , 2007, , .		0
167	Diffuse reflection imaging at terahertz frequencies for security applications. Proceedings of SPIE, 2007, , .	0.8	1
168	Effect of ion implantation on quantum well infrared photodetectors. Infrared Physics and Technology, 2007, 50, 106-112.	1.3	2
169	Delta-doped GaAs/AlAs multiple quantum wells: Study by optical and terahertz techniques. AIP Conference Proceedings, 2007, , .	0.3	0
170	Surface emitting terahertz quantum cascade laser with a double-metal waveguide. Optics Express, 2006, 14, 11672.	1.7	121
171	<title>GaAs/AlAs quantum wells for selective terahertz sensing: study by differential surface photovoltage spectroscopy</title>. , 2006, , .		0
172	<title>Formation of low energy tails in silicon $\delta$ -doped GaAs/AlAs multiple quantum wells</title>. , 2006, , .		2
173	<title>Optical and terahertz spectroscopy of doped GaAs/AlAs quantum wells</title>. , 2006, , .		0
174	Spectral engineering of terahertz quantum cascade lasers using focused ion beam etched photonic lattices. Electronics Letters, 2006, 42, 404.	0.5	10
175	Modal perturbation of terahertz quantum cascade lasers. , 2006, , .		0