

Peter Uhd Jepsen

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156
papers

8,460
citations

45
h-index

90
g-index

224
ext. papers

10,183
ext. citations

3.8
avg, IF

6.14
L-index

#	Paper	IF	Citations
156	Terahertz spectroscopy and imaging [Modern techniques and applications. <i>Laser and Photonics Reviews</i> , 2011 , 5, 124-166	8.3	1074
155	Generation and detection of terahertz pulses from biased semiconductor antennas. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1996 , 13, 2424	1.7	420
154	Far-infrared vibrational modes of DNA components studied by terahertz time-domain spectroscopy. <i>Physics in Medicine and Biology</i> , 2002 , 47, 3807-14	3.8	393
153	Bendable, low-loss Topas fibers for the terahertz frequency range. <i>Optics Express</i> , 2009 , 17, 8592-601	3.3	303
152	Noncovalent intermolecular forces in polycrystalline and amorphous saccharides in the far infrared. <i>Chemical Physics</i> , 2003 , 288, 261-268	2.3	274
151	Far-infrared vibrational spectra of all-trans, 9-cis and 13-cis retinal measured by THz time-domain spectroscopy. <i>Chemical Physics Letters</i> , 2000 , 332, 389-395	2.5	272
150	Dynamic range in terahertz time-domain transmission and reflection spectroscopy. <i>Optics Letters</i> , 2005 , 30, 29-31	3	248
149	THz reflection spectroscopy of liquid water. <i>Chemical Physics Letters</i> , 1995 , 240, 330-333	2.5	242
148	Collective vibrational modes in biological molecules investigated by terahertz time-domain spectroscopy. <i>Biopolymers</i> , 2002 , 67, 310-3	2.2	229
147	Flexible metamaterial absorbers for stealth applications at terahertz frequencies. <i>Optics Express</i> , 2012 , 20, 635-43	3.3	225
146	Metal-insulator phase transition in a VO ₂ thin film observed with terahertz spectroscopy. <i>Physical Review B</i> , 2006 , 74,	3.3	221
145	Chemical recognition in terahertz time-domain spectroscopy and imaging. <i>Semiconductor Science and Technology</i> , 2005 , 20, S246-S253	1.8	185
144	Investigation of aqueous alcohol and sugar solutions with reflection terahertz time-domain spectroscopy. <i>Optics Express</i> , 2007 , 15, 14717-37	3.3	182
143	Production and processing of graphene and related materials. <i>2D Materials</i> , 2020 , 7, 022001	5.9	179
142	Terahertz time-domain spectroscopy and imaging of artificial RNA. <i>Optics Express</i> , 2005 , 13, 5205-15	3.3	149
141	Precise ab-initio prediction of terahertz vibrational modes in crystalline systems. <i>Chemical Physics Letters</i> , 2007 , 442, 275-280	2.5	132
140	Electro-optic detection of THz radiation in LiTaO ₃ , LiNbO ₃ and ZnTe. <i>Applied Physics Letters</i> , 1997 , 70, 3069-3071	3.4	128

139	Fundamental and second-order phonon processes in CdTe and ZnTe. <i>Physical Review B</i> , 2001 , 64,	3.3	118
138	Graphene conductance uniformity mapping. <i>Nano Letters</i> , 2012 , 12, 5074-81	11.5	112
137	Fabrication and characterization of porous-core honeycomb bandgap THz fibers. <i>Optics Express</i> , 2012 , 20, 29507-17	3.3	107
136	Terahertz reflection spectroscopy of Debye relaxation in polar liquids [Invited]. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2009 , 26, A113	1.7	106
135	Detection of THz pulses by phase retardation in lithium tantalate. <i>Physical Review E</i> , 1996 , 53, R3052-R3054	14.3	106
134	Radiation patterns from lens-coupled terahertz antennas. <i>Optics Letters</i> , 1995 , 20, 807-9	3	103
133	Experimental observation of plasmons in a graphene monolayer resting on a two-dimensional subwavelength silicon grating. <i>Applied Physics Letters</i> , 2013 , 102, 131101	3.4	97
132	Chemical Recognition With Broadband THz Spectroscopy. <i>Proceedings of the IEEE</i> , 2007 , 95, 1592-1604	14.3	97
131	Ultrafast carrier trapping in microcrystalline silicon observed in optical pump-terahertz probe measurements. <i>Applied Physics Letters</i> , 2001 , 79, 1291-1293	3.4	84
130	Photoexcited GaAs surfaces studied by transient terahertz time-domain spectroscopy. <i>Optics Letters</i> , 2000 , 25, 13-5	3	82
129	Porous-core honeycomb bandgap THz fiber. <i>Optics Letters</i> , 2011 , 36, 666-8	3	77
128	Characterization of aqueous alcohol solutions in bottles with THz reflection spectroscopy. <i>Optics Express</i> , 2008 , 16, 9318-31	3.3	76
127	Graphene mobility mapping. <i>Scientific Reports</i> , 2015 , 5, 12305	4.9	75
126	Mapping the electrical properties of large-area graphene. <i>2D Materials</i> , 2017 , 4, 042003	5.9	75
125	Terahertz Imaging Systems With Aperture Synthesis Techniques. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2010 , 58, 2027-2039	4.1	73
124	Dielectric tube waveguides with absorptive cladding for broadband, low-dispersion and low loss THz guiding. <i>Scientific Reports</i> , 2015 , 5, 7620	4.9	66
123	Direct observation of sub-100 fs mobile charge generation in a polymer-fullerene film. <i>Physical Review Letters</i> , 2012 , 108, 056603	7.4	66
122	Ultrafast local field dynamics in photoconductive THz antennas. <i>Applied Physics Letters</i> , 1993 , 62, 1265-1267	3.7	66

121	Terahertz Plasmonic Structure With Enhanced Sensing Capabilities. <i>IEEE Sensors Journal</i> , 2016 , 16, 2484-2488	4	59
120	Electrically continuous graphene from single crystal copper verified by terahertz conductance spectroscopy and micro four-point probe. <i>Nano Letters</i> , 2014 , 14, 6348-55	11.5	59
119	Optical modulation of terahertz pulses in a parallel plate waveguide. <i>Optics Express</i> , 2008 , 16, 15123-9	3.3	55
118	Terahertz pulse propagation in the near field and the far field. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2000 , 17, 74-83	1.8	55
117	Experimental three-dimensional beam profiling and modeling of a terahertz beam generated from a two-color air plasma. <i>New Journal of Physics</i> , 2013 , 15, 075012	2.9	53
116	Femtosecond Photolysis of ClO ₂ in Aqueous Solution. <i>Journal of Physical Chemistry A</i> , 1997 , 101, 3317-3323	3	53
115	Reflection terahertz time-domain imaging for analysis of an 18th century neoclassical easel painting. <i>Applied Optics</i> , 2015 , 54, 5123-9	0.2	47
114	Ultrabroadband terahertz spectroscopy of a liquid crystal. <i>Optics Express</i> , 2012 , 20, 28249-56	3.3	47
113	Terahertz radar cross section measurements. <i>Optics Express</i> , 2010 , 18, 26399-408	3.3	46
112	Ultrabroadband terahertz spectroscopy of chalcogenide glasses. <i>Applied Physics Letters</i> , 2012 , 100, 031904	3.4	46
111	Modeling terahertz heating effects on water. <i>Optics Express</i> , 2010 , 18, 4727-39	3.3	44
110	Nitrogen plasma formation through terahertz-induced ultrafast electron field emission. <i>Optica</i> , 2015 , 2, 116	8.6	43
109	A new method for obtaining transparent electrodes. <i>Optics Express</i> , 2012 , 20, 22770-82	3.3	40
108	120 Gb/s Multi-Channel THz Wireless Transmission and THz Receiver Performance Analysis. <i>IEEE Photonics Technology Letters</i> , 2017 , 29, 310-313	2.2	38
107	Broadband terahertz fiber directional coupler. <i>Optics Letters</i> , 2010 , 35, 2879-81	3	38
106	Ultrafast polarization dynamics in biased quantum wells under strong femtosecond optical excitation. <i>Physical Review B</i> , 2003 , 68,	3.3	38
105	Terahertz wafer-scale mobility mapping of graphene on insulating substrates without a gate. <i>Optics Express</i> , 2015 , 23, 30721-9	3.3	37
104	Terahertz field enhancement to the MV/cm regime in a tapered parallel plate waveguide. <i>Optics Express</i> , 2012 , 20, 8344-55	3.3	37

103	Ultrafast release and capture of carriers in InGaAs/GaAs quantum dots observed by time-resolved terahertz spectroscopy. <i>Applied Physics Letters</i> , 2009 , 94, 262104	3.4	36
102	Non-destructive electrochemical graphene transfer from reusable thin-film catalysts. <i>Carbon</i> , 2015 , 85, 397-405	10.4	34
101	Above-band gap two-photon absorption and its influence on ultrafast carrier dynamics in ZnTe and CdTe. <i>Applied Physics Letters</i> , 2002 , 80, 4771-4773	3.4	33
100	400-GHz Wireless Transmission of 60-Gb/s Nyquist-QPSK Signals Using UTC-PD and Heterodyne Mixer. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2016 , 6, 765-770	3.4	32
99	Ultrabroadband terahertz conductivity of Si nanocrystal films. <i>Applied Physics Letters</i> , 2012 , 101, 211107	3.4	31
98	Simultaneous reference and differential waveform acquisition in time-resolved terahertz spectroscopy. <i>Optics Express</i> , 2009 , 17, 21969-76	3.3	31
97	Wall Painting Investigation by Means of Non-invasive Terahertz Time-Domain Imaging (THz-TDI): Inspection of Subsurface Structures Buried in Historical Plasters. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2016 , 37, 198-208	2.2	30
96	Ultrabroadband THz Time-Domain Spectroscopy of a Free-Flowing Water Film. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2014 , 4, 425-431	3.4	30
95	Non-resonant terahertz field enhancement in periodically arranged nanoslits. <i>Journal of Applied Physics</i> , 2012 , 112, 074318	2.5	30
94	Impact ionization in high resistivity silicon induced by an intense terahertz field enhanced by an antenna array. <i>New Journal of Physics</i> , 2015 , 17, 043002	2.9	28
93	Ultrabroadband terahertz conductivity of highly doped ZnO and ITO. <i>Optical Materials Express</i> , 2015 , 5, 566	2.6	27
92	Quality assessment of terahertz time-domain spectroscopy transmission and reflection modes for graphene conductivity mapping. <i>Optics Express</i> , 2018 , 26, 9220-9229	3.3	27
91	Terahertz-induced Kerr effect in amorphous chalcogenide glasses. <i>Applied Physics Letters</i> , 2013 , 103, 221102	3.4	27
90	Design and optimization of mechanically down-doped terahertz fiber directional couplers. <i>Optics Express</i> , 2014 , 22, 9486-97	3.3	27
89	Optical waveguide mode control by nanoslit-enhanced terahertz field. <i>Optics Letters</i> , 2012 , 37, 3903-5	3	25
88	Role of dynamical screening in excitation kinetics of biased quantum wells: Nonlinear absorption and ultrabroadband terahertz emission. <i>Journal of Applied Physics</i> , 2006 , 99, 013510	2.5	25
87	Impact ionization dynamics in silicon by MV/cm THz fields. <i>New Journal of Physics</i> , 2017 , 19, 123018	2.9	24
86	Interpretation of photocurrent correlation measurements used for ultrafast photoconductive switch characterization. <i>Journal of Applied Physics</i> , 1996 , 79, 2649-2657	2.5	23

85	Phase Retrieval in Terahertz Time-Domain Measurements: a How to Tutorial. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2019 , 40, 395-411	2.2	22
84	Robust mapping of electrical properties of graphene from terahertz time-domain spectroscopy with timing jitter correction. <i>Optics Express</i> , 2017 , 25, 2725-2732	3.3	22
83	Finite-difference time-domain analysis of time-resolved terahertz spectroscopy experiments. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2011 , 28, 1308	1.7	22
82	Conductivity mapping of graphene on polymeric films by terahertz time-domain spectroscopy. <i>Optics Express</i> , 2018 , 26, 17748-17754	3.3	21
81	Optically active Babinet planar metamaterial film for terahertz polarization manipulation. <i>Laser and Photonics Reviews</i> , 2013 , 7, 810-817	8.3	21
80	Metamaterial composite bandpass filter with an ultra-broadband rejection bandwidth of up to 240 terahertz. <i>Applied Physics Letters</i> , 2014 , 104, 191103	3.4	21
79	Permanently reconfigured metamaterials due to terahertz induced mass transfer of gold. <i>Optics Express</i> , 2015 , 23, 11586-99	3.3	19
78	Linearity of Air-Biased Coherent Detection for Terahertz Time-Domain Spectroscopy. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2016 , 37, 592-604	2.2	19
77	Noise and spectral stability of deep-UV gas-filled fiber-based supercontinuum sources driven by ultrafast mid-IR pulses. <i>Scientific Reports</i> , 2020 , 10, 4912	4.9	18
76	Electrical Homogeneity Mapping of Epitaxial Graphene on Silicon Carbide. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 31641-31647	9.5	18
75	60 Gbit/s 400 GHz wireless transmission 2015 ,		18
74	Terahertz time-domain spectroscopy of zone-folded acoustic phonons in 4H and 6H silicon carbide. <i>Optics Express</i> , 2019 , 27, 3618-3628	3.3	17
73	THz Wireless Transmission Systems Based on Photonic Generation of Highly Pure Beat-Notes. <i>IEEE Photonics Journal</i> , 2016 , 8, 1-8	1.8	16
72	Freeze-out of difference-phonon modes in ZnTe and its application in detection of THz pulses. <i>Applied Physics Letters</i> , 2000 , 77, 2801-2803	3.4	16
71	Wavelength scaling of terahertz pulse energies delivered by two-color air plasmas. <i>Optics Letters</i> , 2019 , 44, 1488-1491	3	16
70	Sputtering an exterior metal coating on copper enclosure for large-scale growth of single-crystalline graphene. <i>2D Materials</i> , 2017 , 4, 045017	5.9	14
69	Inspection of panel paintings beneath gilded finishes using terahertz time-domain imaging. <i>Studies in Conservation</i> , 2015 , 60, S159-S166	0.6	13
68	Optimized Optical Rectification and Electro-optic Sampling in ZnTe Crystals with Chirped Femtosecond Laser Pulses. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2011 , 32, 1371-1381	2.2	13

67	Terahertz spectroscopy from air plasmas created by two-color femtosecond laser pulses: The ALTESSE project. <i>Europhysics Letters</i> , 2019 , 126, 24001	1.6	12
66	Attenuation of THz Beams: A How to Tutorial. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2019 , 40, 878-904	2.2	12
65	Analysis of a seventeenth-century panel painting by reflection terahertz time-domain imaging (THz-TDI): contribution of ultrafast optics to museum collections inspection. <i>Applied Physics A: Materials Science and Processing</i> , 2015 , 121, 981-986	2.6	12
64	Quantifying crystalline lactose monohydrate in amorphous lactose using terahertz time domain spectroscopy and near infrared spectroscopy. <i>Vibrational Spectroscopy</i> , 2019 , 102, 39-46	2.1	11
63	Contactless graphene conductance measurements: the effect of device fabrication on terahertz time-domain spectroscopy. <i>International Journal of Nanotechnology</i> , 2016 , 13, 591	1.5	11
62	Non-invasive terahertz field imaging inside parallel plate waveguides. <i>Applied Physics Letters</i> , 2011 , 99, 071113	3.4	11
61	Near-infrared nanospectroscopy using a low-noise supercontinuum source. <i>APL Photonics</i> , 2021 , 6, 066106	1.6	11
60	Fermi velocity renormalization in graphene probed by terahertz time-domain spectroscopy. <i>2D Materials</i> , 2020 , 7, 035009	5.9	10
59	Amplification of resonant field enhancement by plasmonic lattice coupling in metallic slit arrays. <i>Scientific Reports</i> , 2016 , 6, 37738	4.9	10
58	Terahertz Time Domain Spectroscopy for Structure-II Gas Hydrates. <i>Applied Physics Express</i> , 2009 , 2, 122303	3.0	10
57	Dynamic optically induced planar terahertz quasioptics. <i>Applied Physics Letters</i> , 2009 , 94, 241118	3.4	9
56	Mono-crystalline gold platelets: a high-quality platform for surface plasmon polaritons. <i>Nanophotonics</i> , 2020 , 9, 509-522	6.3	9
55	High-power few-cycle THz generation at MHz repetition rates in an organic crystal. <i>APL Photonics</i> , 2020 , 5, 106103	5.2	9
54	Non-invasive Florentine Renaissance Panel Painting Replica Structures Investigation by Using Terahertz Time-Domain Imaging (THz-TDI) Technique. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2016 , 37, 1148-1156	2.2	8
53	On Ultrafast Photoconductivity Dynamics and Crystallinity of Black Silicon. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2013 , 3, 331-341	3.4	8
52	Time-resolved THz spectroscopy in a parallel plate waveguide. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2009 , 206, 997-1000	1.6	8
51	Ultrafast THz-driven electron emission from metal metasurfaces. <i>Journal of Applied Physics</i> , 2020 , 128, 070901	2.5	8
50	In situ spectroscopic characterization of a terahertz resonant cavity. <i>Optica</i> , 2014 , 1, 272	8.6	7

49	Dielectric properties of water in butter and water-AOT-heptane systems measured using terahertz time-domain spectroscopy. <i>Applied Spectroscopy</i> , 2010 , 64, 1028-36	3.1	7
48	MHz-repetition-rate, sub-mW, multi-octave THz wave generation in HMQ-TMS. <i>Optics Express</i> , 2020 , 28, 9631-9641	3.3	7
47	Terahertz emission from laser-driven gas plasmas: a plasmonic point of view. <i>Optica</i> , 2018 , 5, 1617	8.6	7
46	Insights on the Side Panels of the Franciscan Triptych by Fra Angelico Using Terahertz Time-Domain Imaging (THz-TDI). <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2017 , 38, 413-424	2.2	6
45	Metamaterial-based design for a half-wavelength plate in the terahertz range. <i>Applied Physics A: Materials Science and Processing</i> , 2015 , 119, 467-473	2.6	6
44	Picosecond dynamics of internal exciton transitions in CdSe nanorods. <i>Physical Review B</i> , 2013 , 88,	3.3	6
43	Photoconductive sampling of subpicosecond pulses using mutual inductive coupling in coplanar transmission lines. <i>Journal of Applied Physics</i> , 1996 , 80, 4214-4216	2.5	6
42	Inspection of Asian Lacquer Substructures by Terahertz Time-Domain Imaging (THz-TDI). <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2017 , 38, 425-434	2.2	5
41	Non-contact mobility measurements of graphene on silicon carbide. <i>Microelectronic Engineering</i> , 2019 , 212, 9-12	2.5	5
40	Optical fiber link for transmission of 1-nJ femtosecond laser pulses at 1550 nm. <i>Optics Express</i> , 2010 , 18, 6978-87	3.3	5
39	Reference-free THz-TDS conductivity analysis of thin conducting films. <i>Optics Express</i> , 2020 , 28, 28819-28830	3.9	5
38	Time-resolved terahertz spectroscopy of charge carrier dynamics in the chalcogenide glass As ₃₀ Se ₃₀ Te ₄₀ [Invited]. <i>Photonics Research</i> , 2016 , 4, A22	6	5
37	Fra Angelico's painting technique revealed by terahertz time-domain imaging (THz-TDI). <i>Applied Physics A: Materials Science and Processing</i> , 2016 , 122, 1	2.6	5
36	The prospects of ultra-broadband THz wireless communications 2014 ,		4
35	Characterization of European lacquers by terahertz (THz) reflectometric imaging 2013 ,		4
34	Subcycle Nonlinear Response of Doped 4H Silicon Carbide Revealed by Two-Dimensional Terahertz Spectroscopy. <i>ACS Photonics</i> , 2020 , 7, 221-231	6.3	4
33	Exploring THz band for high speed wireless communications 2016 ,		4
32	Wafer-scale graphene quality assessment using micro four-point probe mapping. <i>Nanotechnology</i> , 2020 , 31, 225709	3.4	3

31	Principles of Vibrational Spectroscopic Methods and their Application to Bioanalysis 2014 , 1037-1078		3
30	Terahertz Spectroscopy of Crystalline and Non-Crystalline Solids. <i>Springer Series in Optical Sciences</i> , 2012 , 191-227	0.5	3
29	Terahertz Reflection Spectroscopy of Aqueous NaCl and LiCl Solutions. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2009 , 31, 430	2.2	3
28	Terahertz-Time-Domain-Spektroskopie mit einem leistungsoptimierten elektrooptischen Detektionsverfahren (Low-Power Terahertz Time-Domain Spectroscopy with Optimized Electro-optical Detection). <i>TM Technisches Messen</i> , 2005 , 72, 430-439	0.7	3
27	Experimental analysis of THz receiver performance in 80 Gbit/s communication system 2016 ,		3
26	3D terahertz beam profiling 2013 ,		2
25	Multi-THz spectroscopy of mobile charge carriers in P3HT:PCBM on a sub-100 fs time scale 2013 ,		2
24	Numerical Investigation of Terahertz Emission Properties of Microring Difference-Frequency Resonators. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2013 , 3, 192-199	3-4	2
23	THz reflectometric imaging of contemporary panel artwork 2013 ,		2
22	Introduction to the special issue on terahertz spectroscopy. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2013 , 3, 237-238	3-4	2
21	Effect of Copper on the Carrier Lifetime in Black Silicon. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2011 , 32, 883-886	2.2	2
20	Mid-infrared, long-wave infrared, and terahertz photonics: introduction. <i>Optics Express</i> , 2020 , 28, 14169-14175	3-4	2
19	Terahertz Time-Domain Spectroscopy of Crystalline and Aqueous Systems 2007 , 147-165		2
18	Optimization design of optical waveguide control by nanoslit-enhanced THz field. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2013 , 11, 310-322	2.6	1
17	Observation of forward propagating THz mode emitted from a two-color laser-induced air plasma. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2013 , 34, 777-779	2.2	1
16	Space-Time mapping of terahertz-induced electron field emission 2017 ,		1
15	Microring Diode Laser for THz Generation. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2013 , 3, 472-478	3-4	1
14	A multi-element THz imaging system 2010 ,		1

13	Terahertz radar cross section measurements 2010 ,	1
12	T-ray spectroscopy of biomolecules: from chemical recognition toward biochip analysis -- horizons and hurdles 2005 ,	1
11	Subpicosecond time-resolved terahertz time-domain spectroscopy of transient carrier dynamics in semiconductors 1999 ,	1
10	Time-domain electric field enhancement on micrometer scale in coupled split ring resonator upon terahertz radiation 2016 ,	1
9	Ultrabroadband THz time-domain spectroscopy of biomolecular crystals 2016 ,	1
8	Direct Injection of Ultrashort Electron Bunches Into a Solid Material Using Terahertz-Driven Electron Field Emission 2018 ,	1
7	Quantum-dot-based integrated non-linear sources. <i>IET Optoelectronics</i> , 2015 , 9, 82-87	1.5
6	Towards a Terahertz Room-Temperature Integrated Source. <i>Procedia Computer Science</i> , 2011 , 7, 205-206.	6
5	Microarray Biochips Thousands of Reactions on a Small Chip (MOBA) 2006 , 405-476	
4	Metal-Insulator Phase Transition in VO ₂ : A Look from the Far Infrared Side. <i>Materials Research Society Symposia Proceedings</i> , 2006 , 935, 1	
3	Four-probe sensing of temperature during Joule heating of silicon. <i>Review of Scientific Instruments</i> , 2021 , 92, 014903	1.7
2	Bottom-Up-Etching-Mediated Synthesis of Large-Scale Pure Monolayer Graphene on Cyclic-Polishing-Annealed Cu(111) (Adv. Mater. 8/2022). <i>Advanced Materials</i> , 2022 , 34, 2270063	24
1	Terahertz Time-Domain Spectroscopy. <i>Springer Series in Optical Sciences</i> , 2022 , 15-22	0.5