

# Yoke Khin Yap

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2981264/publications.pdf>

Version: 2024-02-01

154  
papers

6,484  
citations

76326

40  
h-index

69250

77  
g-index

155  
all docs

155  
docs citations

155  
times ranked

7005  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review on van der Waals Boron Nitride Quantum Dots. <i>Journal of Carbon Research</i> , 2021, 7, 35.	2.7	5
2	Molybdenum Disulfide Quantum Dots: Properties, Synthesis, and Applications. <i>Journal of Carbon Research</i> , 2021, 7, 45.	2.7	15
3	Emerging Applications of Boron Nitride Nanotubes in Energy Harvesting, Electronics, and Biomedicine. <i>ACS Omega</i> , 2021, 6, 20722-20728.	3.5	21
4	Fano resonances from plasmon-exciton coupling in hetero-bilayer WSe <sub>2</sub> -WS <sub>2</sub> on Au nanorod arrays. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2020, 41, 100783.	2.0	1
5	Raman response and transport properties of tellurium atomic chains encapsulated in nanotubes. <i>Nature Electronics</i> , 2020, 3, 141-147.	26.0	126
6	Correlation of DSR Results and FTIR's Carbonyl and Sulfoxide Indexes: Effect of Aging Temperature on Asphalt Rheology. <i>Journal of Materials in Civil Engineering</i> , 2019, 31, .	2.9	38
7	Two-Dimensional Gold Quantum Dots with Tunable Bandgaps. <i>ACS Nano</i> , 2019, 13, 4347-4353.	14.6	23
8	The impact of bio-oil as rejuvenator for aged asphalt binder. <i>Construction and Building Materials</i> , 2019, 196, 134-143.	7.2	153
9	Selective Growth of Two-Dimensional Heterostructures of Gallium Selenide on Monolayer Graphene and the Thickness Dependent <i>p</i> - and <i>n</i> -Type Nature. <i>ACS Applied Nano Materials</i> , 2018, 1, 3293-3302.	5.0	9
10	Water purification: oil-water separation by nanotechnology and environmental concerns. <i>Environmental Science: Nano</i> , 2017, 4, 514-525.	4.3	122
11	Enhanced second and third harmonic generations of vertical and planar spiral MoS <sub>2</sub> nanosheets. <i>Nanotechnology</i> , 2017, 28, 295301.	2.6	16
12	pH responsive controlled release of anti-cancer hydrophobic drugs from sodium alginate and hydroxyapatite bi-coated iron oxide nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 117, 29-38.	4.3	97
13	Experimental investigation of physical properties and accelerated sunlight-healing performance of flake graphite and exfoliated graphite nanoplatelet modified asphalt materials. <i>Construction and Building Materials</i> , 2017, 134, 412-423.	7.2	29
14	Surface-charge effects on the electro-orientation of insulating boron-nitride nanotubes in aqueous suspension. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 1185-1192.	9.4	7
15	Recent Advances in Electronic and Optoelectronic Devices Based on Two-Dimensional Transition Metal Dichalcogenides. <i>Electronics (Switzerland)</i> , 2017, 6, 43.	3.1	68
16	Two-Dimensional Electronics and Optoelectronics: Present and Future. <i>Electronics (Switzerland)</i> , 2017, 6, 53.	3.1	5
17	Boron Nitride Nanotubes: Recent Advances in Their Synthesis, Functionalization, and Applications. <i>Molecules</i> , 2016, 21, 922.	3.8	87
18	Evolution of Irradiation-Induced Vacancy Defects in Boron Nitride Nanotubes. <i>Small</i> , 2016, 12, 818-824.	10.0	19

#	ARTICLE	IF	CITATIONS
19	Electrophoreticallyâ€Deposited Metalâ€Decorated CNT Nanoforests with High Thermal/Electric Conductivity and Wettability Tunable from Hydrophilic to Superhydrophobic. <i>Advanced Functional Materials</i> , 2016, 26, 2571-2579.	14.9	48
20	Chemical Vapor Deposition (CVD). , 2016, , 518-524.		0
21	New Flexible Channels for Room Temperature Tunneling Field Effect Transistors. <i>Scientific Reports</i> , 2016, 6, 20293.	3.3	5
22	Rheological properties, low-temperature cracking resistance, and optical performance of exfoliated graphite nanoplatelets modified asphalt binder. <i>Construction and Building Materials</i> , 2016, 113, 988-996.	7.2	85
23	Thermal conductivity of vertically aligned boron nitride nanotubes. <i>Applied Physics Express</i> , 2016, 9, 075002.	2.4	36
24	Introduction to boron nitride nanotubes: synthesis, properties, functionalization, and cutting. , 2016, , 1-15.		1
25	Physical Vapor Deposition. , 2016, , 3176-3183.		0
26	Ice nucleation at the contact line triggered by transient electrowetting fields. <i>Applied Physics Letters</i> , 2015, 107, 264101.	3.3	29
27	MoS2 Quantum Dot: Effects of Passivation, Additional Layer, and h-BN Substrate on Its Stability and Electronic Properties. <i>Journal of Physical Chemistry C</i> , 2015, 119, 1565-1574.	3.1	24
28	Switching Behaviors of Graphene-Boron Nitride Nanotube Heterojunctions. <i>Scientific Reports</i> , 2015, 5, 12238.	3.3	19
29	Recent Advancement on the Optical Properties of Two-Dimensional Molybdenum Disulfide (MoS2) Thin Films. <i>Photonics</i> , 2015, 2, 288-307.	2.0	174
30	Field Emission from Zinc Oxide Nanobelts. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 2277-2282.	0.9	6
31	A Simple and Universal Technique To Extract One- and Two-Dimensional Nanomaterials from Contaminated Water. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 26108-26116.	8.0	10
32	Physical Vapor Deposition. , 2015, , 1-8.		0
33	Chemical Vapor Deposition (CVD). , 2015, , 1-7.		0
34	Physical Vapor Deposition. , 2015, , 1-8.		1
35	Simulation of Charge Transport in Disordered Assemblies of Metallic Nano-Islands: Application to Boron-Nitride Nanotubes Functionalized with Gold Quantum Dots. <i>Materials Research Society Symposia Proceedings</i> , 2014, 1700, 17-28.	0.1	5
36	Real time observation of mechanically triggered piezoelectric current in individual ZnO nanobelts. <i>Journal of Materials Chemistry C</i> , 2014, 2, 3995-4004.	5.5	28

#	ARTICLE	IF	CITATIONS
37	Aging Influence on Rheology Properties of Petroleum-Based Asphalt Modified with Biobinder. <i>Journal of Materials in Civil Engineering</i> , 2014, 26, 358-366.	2.9	126
38	Formation of nanodiamonds at near-ambient conditions via microplasma dissociation of ethanol vapour. <i>Nature Communications</i> , 2013, 4, 2618.	12.8	155
39	Diameter-Dependent Bending Modulus of Individual Multiwall Boron Nitride Nanotubes. <i>Journal of Physical Chemistry B</i> , 2013, 117, 4618-4625.	2.6	35
40	Rheological properties and chemical analysis of nanoclay and carbon microfiber modified asphalt with Fourier transform infrared spectroscopy. <i>Construction and Building Materials</i> , 2013, 38, 327-337.	7.2	212
41	Very Stable Electron Field Emission from Strontium Titanate Coated Carbon Nanotube Matrices with Low Emission Thresholds. <i>ACS Nano</i> , 2013, 7, 117-125.	14.6	60
42	Rheological Properties and Chemical Bonding of Asphalt Modified with Nanosilica. <i>Journal of Materials in Civil Engineering</i> , 2013, 25, 1619-1630.	2.9	278
43	Room-Temperature Tunneling Behavior of Boron Nitride Nanotubes Functionalized with Gold Quantum Dots. <i>Advanced Materials</i> , 2013, 25, 4544-4548.	21.0	56
44	Carbon Nanotube-Metal Contact. , 2012, , 388-391.		1
45	Low-temperature synthesis of indium tin oxide nanowires as the transparent electrodes for organic light emitting devices. <i>Nanotechnology</i> , 2012, 23, 025706.	2.6	30
46	In situ Electrical Conductivity Measurement for Functionalized Boron Nitride Nanotubes by Transmission Electron Microscopy.. <i>Microscopy and Microanalysis</i> , 2012, 18, 1580-1581.	0.4	0
47	A Study on the Field Emission Property of Zinc Oxide Nanobelts by Insitu Transmission Electron Microscopy. <i>Microscopy and Microanalysis</i> , 2012, 18, 1870-1871.	0.4	0
48	Structural inhomogeneity and piezoelectric enhancement in ZnO nanobelts. <i>Applied Physics A: Materials Science and Processing</i> , 2012, 109, 95-100.	2.3	20
49	Functionalization, Dispersion, and Cutting of Boron Nitride Nanotubes in Water. <i>Journal of Physical Chemistry C</i> , 2012, 116, 1798-1804.	3.1	92
50	Ambipolar Behaviors of Hydrogen-Incorporated ZnO Nanowires. <i>Journal of Physical Chemistry C</i> , 2012, 116, 8210-8215.	3.1	8
51	Capacitive MEMS Switches. , 2012, , 363-374.		0
52	Plasmon Resonance Energy Transfer from Metallic Nanoparticles to Biomolecules. , 2012, , 2126-2126.		0
53	Field emission and strain engineering of electronic properties in boron nitride nanotubes. <i>Nanotechnology</i> , 2012, 23, 105702.	2.6	36
54	Chitosan Nanoparticles. , 2012, , 427-433.		0

#	ARTICLE	IF	CITATIONS
55	Piezoelectric Effect at Nanoscale. , 2012, , 2085-2099.		2
56	Propylene Glycol Methyl Ether Acetate (PGMEA). , 2012, , 2180-2180.		0
57	Polymer Coatings. , 2012, , 2167-2174.		1
58	Origins of Thermodynamically Stable Superhydrophobicity of Boron Nitride Nanotubes Coatings. Langmuir, 2012, 28, 1206-1216.	3.5	154
59	A simple scheme of molecular electronic devices with multiwalled carbon nanotubes as the top electrodes. Carbon, 2012, 50, 3530-3534.	10.3	5
60	Pulsed laser deposition of indium tin oxide nanowires in argon and helium. Materials Letters, 2012, 66, 280-281.	2.6	35
61	First-principles study of strain-induced modulation of energy gaps of graphene/BN and BN bilayers. Physical Review B, 2011, 83, .	3.2	122
62	On the correlation of crystal defects and band gap properties of ZnO nanobelts. Applied Physics A: Materials Science and Processing, 2011, 105, 909-914.	2.3	29
63	The performance of superhydrophobic and superoleophilic carbon nanotube meshes in water-oil filtration. Carbon, 2011, 49, 669-676.	10.3	285
64	Catalyst-free formation of vertically-aligned carbon nanorods as induced by nitrogen incorporation. Carbon, 2011, 49, 1842-1848.	10.3	16
65	(CdSe) ZnS core shell quantum dots decorated zinc oxide nanowires for solar energy harvesting applications. Materials Research Society Symposia Proceedings, 2011, 1302, 21301.	0.1	0
66	Enhanced Electron Field Emission from Carbon Nanotube Matrices. Materials Research Society Symposia Proceedings, 2011, 1283, 1.	0.1	0
67	<i>In situ</i> observation of reversible rippling in multi-walled boron nitride nanotubes. Nanotechnology, 2011, 22, 115702.	2.6	20
68	<i>In situ</i> observation of size-scale effects on the mechanical properties of ZnO nanowires. Nanotechnology, 2011, 22, 265712.	2.6	105
69	In situ TEM monitoring of thermal decomposition in individual boron nitride nanotubes. Jom, 2010, 62, 69-73.	1.9	28
70	Enhanced field emission stability and density produced by conical bundles of catalyst-free carbon nanotubes. Carbon, 2010, 48, 287-292.	10.3	30
71	Surfactant-free dielectrophoretic deposition of multi-walled carbon nanotubes with tunable deposition density. Carbon, 2010, 48, 3559-3569.	10.3	21
72	Induction annealing and subsequent quenching: Effect on the thermoelectric properties of boron-doped nanographite ensembles. Review of Scientific Instruments, 2010, 81, 043909.	1.3	2

#	ARTICLE	IF	CITATIONS
73	Patterned Growth of Boron Nitride Nanotubes by Catalytic Chemical Vapor Deposition. Chemistry of Materials, 2010, 22, 1782-1787.	6.7	194
74	Mechanism for Low Temperature Growth of Boron Nitride Nanotubes. Journal of Physical Chemistry C, 2010, 114, 16236-16241.	3.1	14
75	Stable Electron Field Emission from PMMA/CNT Matrices. ACS Nano, 2010, 4, 6760-6766.	14.6	53
76	Real-time fracture detection of individual boron nitride nanotubes in severe cyclic deformation processes. Journal of Applied Physics, 2010, 108, .	2.5	33
77	Noncovalent Functionalization of Boron Nitride Nanotubes with Poly( <i>p</i> -phenylene-ethynylene)s and Polythiophene. ACS Applied Materials & Interfaces, 2010, 2, 104-110.	8.0	86
78	Recent advancements in boron nitride nanotubes. Nanoscale, 2010, 2, 2028.	5.6	214
79	On the Relation of Mechanical Deformation and Electrical Properties of BN Nanotubes. Materials Research Society Symposia Proceedings, 2009, 1204, 1.	0.1	1
80	Novel spherical boron clusters and structural transition from 2D quasi-planar structures to 3D double-rings. Journal of Physics: Conference Series, 2009, 176, 012028.	0.4	27
81	Glucose Biosensors Based on Vertically-Aligned Multi-Walled Carbon Nanotubes. Materials Research Society Symposia Proceedings, 2009, 1204, 1.	0.1	3
82	Growth Mechanisms of Vertically-aligned Carbon, Boron Nitride, and Zinc Oxide Nanotubes. , 2009, , .		1
83	In situ probing of electromechanical properties of an individual ZnO nanobelt. Applied Physics Letters, 2009, 95, 172106.	3.3	28
84	Comparing Field Emission Stability of Lithography-free, Modified Multi-walled Carbon Nanotubes. Materials Research Society Symposia Proceedings, 2009, 1204, 1.	0.1	1
85	Patterned Growth of Long and Clean Boron Nitride Nanotubes on Substrates. Materials Research Society Symposia Proceedings, 2009, 1204, 1.	0.1	0
86	Alternative Nanostructured Sensors: Nanowires, Nanobelts, and Novel Nanostructures. , 2009, , 1-20.		1
87	Introduction to B/C/N Materials. , 2009, , 1-22.		6
88	Superhydrophobicity of Boron Nitride Nanotubes Grown on Silicon Substrates. Langmuir, 2009, 25, 4853-4860.	3.5	126
89	Multiwalled Boron Nitride Nanotubes: Growth, Properties, and Applications. , 2009, , 23-44.		19
90	Boron and Boron Carbide Materials: Nanostructures and Crystalline Solids. , 2009, , 271-291.		2

#	ARTICLE	IF	CITATIONS
91	Effective growth of boron nitride nanotubes by thermal chemical vapor deposition. <i>Nanotechnology</i> , 2008, 19, 455605.	2.6	183
92	Growth of p-type Si nanotubes by catalytic plasma treatments. <i>Nanotechnology</i> , 2008, 19, 365609.	2.6	12
93	Controlled Growth of Carbon, Boron Nitride, and Zinc Oxide Nanotubes. <i>IEEE Sensors Journal</i> , 2008, 8, 922-929.	4.7	7
94	ZnO Nanosquids: Branching Nanowires from Nanotubes and Nanorods. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 233-236.	0.9	10
95	Effect of graphitic order on field emission stability of carbon nanotubes. <i>Nanotechnology</i> , 2007, 18, 035206.	2.6	30
96	Formation of single crystalline ZnO nanotubes without catalysts and templates. <i>Applied Physics Letters</i> , 2007, 90, 113108.	3.3	89
97	Strain-induced formation of carbon and boron clusters in boron carbide during dynamic indentation. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	63
98	Growth of Single Crystalline ZnO Nanotubes and Nanosquids. <i>Materials Research Society Symposia Proceedings</i> , 2007, 1057, 1.	0.1	1
99	Self-assembly of Silicon Nanotubes. <i>Materials Research Society Symposia Proceedings</i> , 2007, 1057, 1.	0.1	1
100	Dielectrophoretic Deposition of Carbon Nanotubes with Controllable Density and Alignment. <i>Materials Research Society Symposia Proceedings</i> , 2007, 1057, 1.	0.1	3
101	Synthesis of Vertically Aligned Single- and Double-Walled Carbon Nanotubes without Etching Agents. <i>Journal of Physical Chemistry C</i> , 2007, 111, 10158-10161.	3.1	46
102	Selective Growth of Pure and Long ZnO Nanowires by Controlled Vapor Concentration Gradients. <i>Journal of Physical Chemistry C</i> , 2007, 111, 16092-16095.	3.1	38
103	Growth of adhesive cubic phase boron nitride films without argon ion bombardment. <i>Diamond and Related Materials</i> , 2006, 15, 444-447.	3.9	13
104	Stability of field emission current from various types of carbon nanotube films. <i>Diamond and Related Materials</i> , 2006, 15, 212-216.	3.9	25
105	Growth of Carbon, Boron Nitride and ZnO Nanotubes for Biosensors. <i>ECS Transactions</i> , 2006, 3, 1-13.	0.5	8
106	Structural control of vertically aligned multiwalled carbon nanotubes by radio-frequency plasmas. <i>Applied Physics Letters</i> , 2005, 87, 173106.	3.3	20
107	High-density vertically aligned multiwalled carbon nanotubes with tubular structures. <i>Applied Physics Letters</i> , 2005, 86, 253105.	3.3	38
108	Low Temperature Growth of Boron Nitride Nanotubes on Substrates. <i>Nano Letters</i> , 2005, 5, 2528-2532.	9.1	176

#	ARTICLE	IF	CITATIONS
109	Controlling dissociative adsorption for effective growth of carbon nanotubes. Applied Physics Letters, 2004, 85, 3265-3267.	3.3	41
110	Vertically Aligned Carbon Nanotubes as the Sputter Resist in Space Propulsive Systems. Materials Research Society Symposia Proceedings, 2004, 851, 193.	0.1	0
111	Effect of Carrier Gas on the Growth Rate, Growth Density, and Structure of Carbon Nanotubes. Materials Research Society Symposia Proceedings, 2004, 818, 84.	0.1	4
112	A Dual-RF-Plasma Approach for Controlling the Graphitic Order and Diameters of Vertically-Aligned Multiwall Carbon Nanotubes. Materials Research Society Symposia Proceedings, 2004, 858, 170.	0.1	0
113	Testing Multiwall Carbon Nanotubes on Ion Erosion for Advanced Space Propulsion. Materials Research Society Symposia Proceedings, 2004, 821, 147.	0.1	7
114	Preliminary Sputter-Erosion Characterization of Multiwalled Carbon Nanotubes. , 2004, , .		0
115	Hybridized boron-carbon nitride fibrous nanostructures on Ni substrates. Applied Physics Letters, 2002, 80, 2559-2561.	3.3	25
116	Selective growth of flowerlike carbon structures by Radio Frequency plasma-assisted pulsed-laser deposition. Journal of Chemical Physics, 2002, 116, 6286-6290.	3.0	2
117	Enhancement of CsLiB <sub>6</sub> O <sub>10</sub> surface-damage resistance by improved crystallinity and ion-beam etching. Optics Letters, 2002, 27, 616.	3.3	22
118	Formation of aligned carbon nanotubes by RF-plasma-assisted pulsed-laser deposition. Physica B: Condensed Matter, 2002, 323, 341-343.	2.7	9
119	Recent development of nonlinear optical borate crystals for UV generation. Optical Materials, 2002, 19, 1-5.	3.6	82
120	Effect of crystal growth atmosphere on the crystal birefringence of GdYCOB for third harmonic generation of Nd:YAG laser. Journal of Crystal Growth, 2002, 237-239, 629-631.	1.5	4
121	Crystal growth of GdYCOB for non-critical phase-matched second-harmonic generation at 860nm. Journal of Crystal Growth, 2002, 237-239, 632-636.	1.5	5
122	Effect of crystallinity on the bulk laser damage and UV absorption of CLBO crystals. Journal of Crystal Growth, 2002, 237-239, 645-648.	1.5	14
123	The crystal growth and nonlinear optical properties of K <sub>2</sub> Al <sub>2</sub> B <sub>2</sub> O <sub>7</sub> . Journal of Crystal Growth, 2002, 237-239, 654-657.	1.5	23
124	Influence of pressure control on the growth of bulk GaN single crystal using a Na flux. Journal of Crystal Growth, 2002, 237-239, 2112-2115.	1.5	8
125	Bond modification of BCN films on Ni substrate. Diamond and Related Materials, 2001, 10, 1137-1141.	3.9	38
126	The ohmic character of doped AlN films. Diamond and Related Materials, 2001, 10, 1322-1325.	3.9	9



#	ARTICLE	IF	CITATIONS
127	Influence of crystallinity on bulk laser damage threshold of CsLiB/sub 6/O/sub 10/ crystals. , 2001, , .		0
128	Spectroscopic properties of GdYCOB single crystals doped with rare-earth trivalent. , 2001, , .		0
129	The Growth of K <sub>2</sub> Al <sub>2</sub> B <sub>2</sub> O <sub>7</sub> (KAB) Crystal by Modified Middle Seeded Solution Growth (MSSG) Method. Japanese Journal of Applied Physics, 2001, 40, L393-L395.	1.5	15
130	Bulk laser damage in borate crystals for high-power all-solid-state UV lasers. , 2001, , .		1
131	Dependence of gray-track threshold of GdYCOB on the crystal growth atmosphere. Journal of Crystal Growth, 2001, 229, 265-269.	1.5	6
132	Influence of Crystallinity on the Bulk Laser-Induced Damage Threshold and Absorption of Laser Light in CsLiB <sub>6</sub> O <sub>10</sub> Crystals. Japanese Journal of Applied Physics, 2001, 40, L111-L113.	1.5	14
133	Formation of Vertically Aligned Carbon Nanotubes by Dual-RF-Plasma Chemical Vapor Deposition. Japanese Journal of Applied Physics, 2001, 40, L631-L634.	1.5	32
134	Recent development of nonlinear optical borate crystals: key materials for generation of visible and UV light. Materials Science and Engineering Reports, 2000, 30, 1-54.	31.8	422
135	Na: A New Flux for Growing Hexagonal Boron Nitride Crystals at Low Temperature. Japanese Journal of Applied Physics, 2000, 39, L300-L302.	1.5	17
136	Slope Nucleation Method for the Growth of High-Quality 4-Dimethylamino-Methyl-4-Stilbazolium-Tosylate (DAST) Crystals. Japanese Journal of Applied Physics, 2000, 39, L1006-L1008.	1.5	58
137	Alleviation of photoinduced damage in Gd <sub>x</sub> Y <sub>1-x</sub> Ca <sub>4</sub> (BO <sub>3</sub> ) <sub>3</sub> at elevated crystal temperature for noncritically phase-matched 355-nm generation. Optics Letters, 2000, 25, 1588.	3.3	18
138	Growth of adhesive c-BN films on a tensile BN buffer layer. Diamond and Related Materials, 2000, 9, 592-595.	3.9	22
139	Effect of carbon nitride bonding structure on electron field emission. Diamond and Related Materials, 2000, 9, 1228-1232.	3.9	21
140	Epitaxial aluminum nitride thin films grown by pulsed laser deposition in various nitrogen ambients. Diamond and Related Materials, 2000, 9, 516-519.	3.9	7
141	Growth of nitride crystals, BN, AlN and GaN by using a Na flux. Diamond and Related Materials, 2000, 9, 512-515.	3.9	47
142	The control of B N and B C bonds in BCN films synthesized using pulsed laser deposition. Diamond and Related Materials, 2000, 9, 620-624.	3.9	111
143	Photo-induced damage in GdYCOB and its circumvention. , 2000, , .		2
144	Control of Nucleation Site and Growth Orientation of Bulk GaN Crystals. Japanese Journal of Applied Physics, 1999, 38, L1121-L1123.	1.5	16

#	ARTICLE	IF	CITATIONS
145	Carbon nitride thin films synthesized at high temperature by using RF-plasma PLD. Journal of Crystal Growth, 1999, 198-199, 1028-1031.	1.5	11
146	CsLiB6O10 crystal for frequency doubling the Nd:YAG laser. Optics Communications, 1998, 145, 101-104.	2.1	30
147	A New Nonlinear Optical Borate Crystal K2Al2B2O7 (KAB). Japanese Journal of Applied Physics, 1998, 37, L1093-L1094.	1.5	167
148	Long-term operation of CsLiB_6O_10 at elevated crystal temperature. Optics Letters, 1998, 23, 34.	3.3	48
149	Alleviation of thermally induced phase mismatch in CsLiB_6O_10 crystal by means of temperature-profile compensation. Optics Letters, 1998, 23, 1016.	3.3	50
150	Influence of negative dc bias voltage on structural transformation of carbon nitride at 600°C. Applied Physics Letters, 1998, 73, 915-917.	3.3	86
151	High-Temperature Synthesis of Amorphous Carbon Nitride Thin Films with Modified Microstructure. Japanese Journal of Applied Physics, 1998, 37, L746-L748.	1.5	8
152	High-power fourth- and fifth-harmonic generation of a Nd:YAG laser by means of a CsLiB_6O_10. Optics Letters, 1996, 21, 1348.	3.3	134
153	Investigation of bulk laser damage threshold and UV absorption on crystallinity in CLBO crystal. , 0, , .		0
154	Investigation of photo-induced damage in GdYCOB for high power UV lasers. , 0, , .		0