

# Chou Mitch Ming-Chi

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/5643682/chou-mitch-ming-chi-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

177  
papers

2,594  
citations

24  
h-index

43  
g-index

182  
ext. papers

2,872  
ext. citations

3.4  
avg, IF

4.77  
L-index

#	Paper	IF	Citations
177	The p35/Cdk5 kinase is a neuron-specific Rac effector that inhibits Pak1 activity. <i>Nature</i> , <b>1998</b> , 395, 194-8	5.4	349
176	Prenatal diagnosis of placenta previa accreta by transabdominal color Doppler ultrasound. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2000</b> , 15, 28-35	5.8	189
175	Polarization effects in photoluminescence of C- and M-plane GaN/AlGaIn multiple quantum wells. <i>Applied Physics Letters</i> , <b>2002</b> , 81, 4130-4132	3.4	90
174	Visfatin-induced expression of inflammatory mediators in human endothelial cells through the NF-kappaB pathway. <i>International Journal of Obesity</i> , <b>2009</b> , 33, 465-72	5.5	75
173	GaN homoepitaxy on freestanding (1100) oriented GaN substrates. <i>Applied Physics Letters</i> , <b>2002</b> , 81, 3194-3196	3.4	72
172	Cesarean scar pregnancy: quantitative assessment of uterine neovascularization with 3-dimensional color power Doppler imaging and successful treatment with uterine artery embolization. <i>American Journal of Obstetrics and Gynecology</i> , <b>2004</b> , 190, 866-8	6.4	63
171	Differential expression of vascular endothelial growth factor, placenta growth factor and their receptors in placentae from pregnancies complicated by placenta accreta. <i>Placenta</i> , <b>2006</b> , 27, 70-8	3.4	54
170	Time-action characteristics of regular and NPH insulin in insulin-treated diabetics. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1980</b> , 50, 475-9	5.6	53
169	Internal iliac artery embolization before hysterectomy for placenta accreta. <i>Journal of Vascular and Interventional Radiology</i> , <b>2003</b> , 14, 1195-9	2.4	51
168	Prenatal diagnosis of placenta previa accreta with power amplitude ultrasonic angiography. <i>American Journal of Obstetrics and Gynecology</i> , <b>1997</b> , 177, 1523-5	6.4	47
167	Extremely large nonsaturating magnetoresistance and ultrahigh mobility due to topological surface states in the metallic Bi <sub>2</sub> Te <sub>3</sub> topological insulator. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	41
166	Growth and characterization of nonpolar ZnO (1010) epitaxial film on Al <sub>2</sub> O <sub>3</sub> substrate by chemical vapor deposition. <i>Journal of Crystal Growth</i> , <b>2007</b> , 308, 412-416	1.6	41
165	Three-dimensional color power Doppler imaging in the assessment of uteroplacental neovascularization in placenta previa increta/percreta. <i>American Journal of Obstetrics and Gynecology</i> , <b>2001</b> , 185, 1257-60	6.4	40
164	Ultrasensitive nonlinear absorption response of large-size topological insulator and application in low-threshold bulk pulsed lasers. <i>Scientific Reports</i> , <b>2015</b> , 5, 14856	4.9	39
163	Recombinant human relaxin as a cervical ripening agent. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>1997</b> , 104, 775-80	3.7	39
162	A prospective, double-blind, randomized comparison of prophylactic intramyometrial 15-methyl prostaglandin F <sub>2</sub> alpha, 125 micrograms, and intravenous oxytocin, 20 units, for the control of blood loss at elective cesarean section. <i>American Journal of Obstetrics and Gynecology</i> , <b>1994</b> , 171, 1356-60	6.4	39
161	In utero diagnosis of cardiac hemangioma. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>1999</b> , 13, 363-5	5.8	34

160	Effects of thyroid-stimulating hormone on human thyroid carcinoma and adjacent normal tissue. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1978</b> , 47, 1052-8	5.6	34
159	Prenatal diagnosis of placenta previa/accreta with color Doppler ultrasound. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>1992</b> , 2, 293-6	5.8	32
158	Crystal Growth of Nonpolar m-Plane ZnO on a Lattice-Matched (100) $\text{LiAlO}_2$ Substrate. <i>Crystal Growth and Design</i> , <b>2009</b> , 9, 2073-2078	3.5	31
157	Growth and characterization of $\text{LiGaO}_2$ single crystal. <i>Journal of Crystal Growth</i> , <b>2014</b> , 402, 325-329	1.6	29
156	Crystal growth and properties of $\text{LiAlO}_2$ and nonpolar GaN on $\text{LiAlO}_2$ substrate. <i>Journal of Applied Physics</i> , <b>2007</b> , 101, 103106	2.5	29
155	Defect characterizations of $\text{LiAlO}_2$ single crystals. <i>Journal of Crystal Growth</i> , <b>2006</b> , 291, 485-490	1.6	27
154	Extremely high-performance visible light photodetector in the SbSeTe nanoflake. <i>Scientific Reports</i> , <b>2017</b> , 7, 45413	4.9	25
153	Enhancing thermoelectric performance by Fermi level tuning and thermal conductivity degradation in (GeBi)Te crystals. <i>Scientific Reports</i> , <b>2019</b> , 9, 8616	4.9	24
152	Epitaxial growth of nonpolar m-plane ZnO (10 $\bar{1}$ 0) on large-size $\text{LiGaO}_2$ (100) substrates. <i>Thin Solid Films</i> , <b>2011</b> , 519, 3627-3631	2.2	24
151	Crystal growth and polishing method of lithium aluminum oxide crystal. <i>Journal of Crystal Growth</i> , <b>2007</b> , 303, 585-589	1.6	24
150	The application of three-dimensional color power Doppler ultrasound in the depiction of abnormal uteroplacental angioarchitecture in placenta previa percreta. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2002</b> , 19, 625-7	5.8	22
149	Fracture resistance of monolithic zirconia crowns with different occlusal thicknesses in implant prostheses. <i>Journal of Prosthetic Dentistry</i> , <b>2016</b> , 115, 76-83	4	21
148	Charge Transfer in Au Nanoparticle-Nonpolar ZnO Photocatalysts Illustrated by Surface-Potential-Derived Three-Dimensional Band Diagram. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 19814-19821	3.8	20
147	High-Pulse-Energy Topological Insulator $\text{Bi}_2\text{Te}_3$ -Based Passive Q-Switched Solid-State Laser. <i>IEEE Photonics Journal</i> , <b>2016</b> , 8, 1-10	1.8	19
146	Self-assembled GaN hexagonal micropillar and microdisk. <i>Applied Physics Letters</i> , <b>2009</b> , 94, 062105	3.4	17
145	Growth of nonpolar m-plane GaN epitaxial film on a lattice-matched (100) $\text{LiGaO}_2$ substrate by chemical vapor deposition. <i>Thin Solid Films</i> , <b>2011</b> , 519, 5066-5069	2.2	17
144	Highly responsive photoconductance in a $\text{Sb}_2\text{Se}_3$ topological insulator nanosheet at room temperature. <i>RSC Advances</i> , <b>2017</b> , 7, 39057-39062	3.7	16
143	Thickness-dependent conductance in $\text{SbSeTe}$ topological insulator nanosheets. <i>Scientific Reports</i> , <b>2017</b> , 7, 1896	4.9	15

142	Growth and characterization of m-plane GaN-based layers on LiAlO <sub>2</sub> (1 0 0) grown by MOVPE. <i>Journal of Crystal Growth</i> , <b>2009</b> , 311, 452-455	1.6	15
141	Line defects of M-plane GaN grown on LiAlO <sub>2</sub> by plasma-assisted molecular beam epitaxy. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 202106	3.4	15
140	Defects and acoustic properties of LiAlO <sub>2</sub> . <i>Applied Physics Letters</i> , <b>2006</b> , 88, 161906	3.4	15
139	Diagnosis of an interstitial pregnancy with 4-dimensional volume contrast imaging. <i>American Journal of Obstetrics and Gynecology</i> , <b>2005</b> , 193, 1551-3	6.4	15
138	Growth and Characterization of Nonpolar (101 0) Zn <sub>1-x</sub> Mg <sub>x</sub> O (0 ≤ x ≤ 0.113) Epitaxial Films: A Comparison of LiAlO <sub>2</sub> (100) and Sapphire (101 0) Substrates. <i>Crystal Growth and Design</i> , <b>2009</b> , 9, 3301-3306	3.5	14
137	Growth and characterizations of nonpolar [11 $\bar{2}$ 0] ZnO on [100] (La,Sr)(Al,Ta)O <sub>3</sub> substrate by chemical vapor deposition. <i>Journal of Crystal Growth</i> , <b>2010</b> , 312, 1170-1174	1.6	14
136	Rational design of hetero-dimensional C-ZnO/MoS nanocomposite anchored on 3D mesoporous carbon framework towards synergistically enhanced stability and efficient visible-light-driven photocatalytic activity. <i>Chemosphere</i> , <b>2021</b> , 266, 129148	8.4	14
135	Growth of nonpolar ZnO Films on (100) LiGaO <sub>2</sub> substrate by molecular beam epitaxy. <i>Journal of Crystal Growth</i> , <b>2014</b> , 407, 11-16	1.6	13
134	Optical characteristics of nonpolar a-plane ZnO thin film on (010) LiGaO <sub>2</sub> substrate. <i>Semiconductor Science and Technology</i> , <b>2014</b> , 29, 085004	1.8	13
133	Growth of A-plane GaN on (010) LiGaO <sub>2</sub> by plasma-assisted MBE. <i>Journal of Crystal Growth</i> , <b>2010</b> , 312, 1665-1669	1.6	13
132	Self-Assembled c-Plane GaN Nanopillars on LiAlO <sub>2</sub> Substrate Grown by Plasma-Assisted Molecular-Beam Epitaxy. <i>Japanese Journal of Applied Physics</i> , <b>2008</b> , 47, 891-895	1.4	13
131	Defects in m-face GaN films grown by halide vapor phase epitaxy on LiAlO <sub>2</sub> . <i>Applied Physics Letters</i> , <b>2003</b> , 83, 1139-1141	3.4	13
130	Robustness of a Topologically Protected Surface State in a SbTeSe Single Crystal. <i>Scientific Reports</i> , <b>2016</b> , 6, 36538	4.9	12
129	Facile Bottom-up Preparation of WS <sub>2</sub> -Based Water-Soluble Quantum Dots as Luminescent Probes for Hydrogen Peroxide and Glucose. <i>Nanoscale Research Letters</i> , <b>2019</b> , 14, 271	5	12
128	Nonpolar a-plane ZnO growth and nucleation mechanism on (100) (La, Sr)(Al, Ta)O <sub>3</sub> substrate. <i>Materials Chemistry and Physics</i> , <b>2011</b> , 125, 791-795	4.4	12
127	Improved quality of nonpolar m-plane GaN [101 $\bar{1}$ 0] on LiAlO <sub>2</sub> substrate using a modified chemical vapor deposition. <i>Journal of Applied Physics</i> , <b>2010</b> , 107, 013502	2.5	12
126	Effect of indium incorporation on optical and structural properties of m-plane InGaN/GaN MQW on LiAlO <sub>2</sub> substrates. <i>Journal of Crystal Growth</i> , <b>2011</b> , 315, 246-249	1.6	12
125	Sonographic appearance of tornado blood flow in placenta previa accreta/increta. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2001</b> , 17, 362-3	5.8	12

124	Role of liver in insulin physiology. <i>Diabetes Care</i> , <b>1980</b> , 3, 255-60	14.6	12
123	The linear magnetoresistance from surface state of the Sb <sub>2</sub> SeTe <sub>2</sub> topological insulator. <i>Journal of Applied Physics</i> , <b>2016</b> , 119, 245110	2.5	12
122	Microstructural and optical properties of high-quality ZnO epitaxially grown on a LiGaO <sub>2</sub> substrate. <i>RSC Advances</i> , <b>2015</b> , 5, 35405-35411	3.7	11
121	Epitaxial growth of nonpolar and polar ZnO on $\alpha$ -LiAlO <sub>2</sub> (100) substrate by plasma-assisted molecular beam epitaxy. <i>Journal of Crystal Growth</i> , <b>2013</b> , 377, 82-87	1.6	11
120	In situ inward epitaxial growth of bulk macroporous single crystals. <i>Nature Communications</i> , <b>2017</b> , 8, 2178	17.4	11
119	Optical and thermoluminescence properties of Lu <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> :Pr single crystal. <i>Journal of Rare Earths</i> , <b>2012</b> , 30, 775-779	3.7	11
118	Growth behavior of nonpolar GaN on the nearly lattice-matched (100) $\alpha$ -LiAlO <sub>2</sub> substrate by chemical vapor deposition. <i>Journal of Crystal Growth</i> , <b>2009</b> , 311, 448-451	1.6	11
117	Growth of M-plane GaN on (100) LiGaO <sub>2</sub> by plasma-assisted molecular beam epitaxy. <i>Thin Solid Films</i> , <b>2010</b> , 518, 6773-6776	2.2	11
116	Fetal axillary hemangiolympangioma with secondary intralesional bleeding: serial ultrasound findings. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2002</b> , 19, 403-6	5.8	11
115	In utero sonographic diagnosis of a communicating enteric duplication cyst in a giant omphalocele. <i>Prenatal Diagnosis</i> , <b>2001</b> , 21, 540-2	3.2	11
114	Epitaxial growth of rocksalt Zn <sub>1-x</sub> Mg <sub>x</sub> O on MgO (100) substrate by molecular beam epitaxy. <i>Journal of Crystal Growth</i> , <b>2017</b> , 477, 169-173	1.6	10
113	Growth of c-plane ZnO on $\alpha$ -LiAlO <sub>2</sub> (1 0 0) substrate with a GaN buffer layer by plasma assisted molecular beam epitaxy. <i>Applied Surface Science</i> , <b>2015</b> , 351, 824-830	6.7	10
112	Shubnikov-De Haas oscillation of Bi <sub>2</sub> Te <sub>3</sub> topological insulators with cm-scale uniformity. <i>Journal Physics D: Applied Physics</i> , <b>2016</b> , 49, 255303	3	10
111	The synthesis route and the growth mechanism of aligned GaN nanobelts. <i>Chemical Communications</i> , <b>2014</b> , 50, 5695-8	5.8	10
110	Epitaxial growth of nonpolar ZnO on MgO (1 0 0) substrate by molecular beam epitaxy. <i>Journal of Crystal Growth</i> , <b>2013</b> , 378, 172-176	1.6	10
109	m-plane (101 0) InN heteroepitaxied on (100)- $\alpha$ -LiAlO <sub>2</sub> substrate: Growth orientation control and characterization of structural and optical anisotropy. <i>Journal of Applied Physics</i> , <b>2010</b> , 107, 073502	2.5	10
108	Structural Properties of Free-Standing 50 mm Diameter GaN Wafers with (1010) Orientation Grown on LiAlO <sub>2</sub> . <i>Materials Research Society Symposia Proceedings</i> , <b>2003</b> , 764, 1		10
107	Growth, structural, optical and thermal properties of Yb-doped and Yb-Mg codoped LiNbO <sub>3</sub> single crystals. <i>Journal of Alloys and Compounds</i> , <b>2013</b> , 564, 1-7	5.7	9

106	Resonant Raman scattering and photoluminescent properties of nonpolar a-plane ZnO thin film on LiGaO <sub>2</sub> substrate. <i>Applied Physics Express</i> , <b>2014</b> , 7, 041101	2.4	9
105	Spectral and Spatial Luminescence Distribution of m-Plane ZnO Epitaxial Films Containing Stacking Faults: A Cathodoluminescence Study. <i>Applied Physics Express</i> , <b>2013</b> , 6, 061101	2.4	9
104	InGaN/GaN single-quantum-well microdisks. <i>Applied Physics Letters</i> , <b>2012</b> , 100, 242101	3.4	9
103	Czochralski growth and defect study of (La,Sr)(Al,Ta)O <sub>3</sub> single crystals. <i>Journal of Physics and Chemistry of Solids</i> , <b>2008</b> , 69, 425-429	3.9	9
102	Experimental measurements of the phase and group velocities of body waves in a transversely isotropic medium. <i>NDT and E International</i> , <b>2006</b> , 39, 162-168	4.1	9
101	Study on Czochralski growth and defects of LiAlO <sub>2</sub> single crystals. <i>Journal of Crystal Growth</i> , <b>2006</b> , 292, 542-545	1.6	9
100	Luminescence properties of LiGaO <sub>2</sub> crystal. <i>Optical Materials</i> , <b>2017</b> , 69, 449-459	3.3	8
99	Rock-salt Zn <sub>1-x</sub> Mg <sub>x</sub> O epilayer having high Zn content grown on MgO (100) substrate by plasma-assisted molecular beam epitaxy. <i>Journal of Crystal Growth</i> , <b>2013</b> , 378, 168-171	1.6	8
98	Characterization of M-plane GaN film grown on LiGaO <sub>2</sub> (100) by plasma-assisted molecular beam epitaxy. <i>Thin Solid Films</i> , <b>2011</b> , 519, 3569-3572	2.2	8
97	Growth, Characterization, and Polarity Identification of (0001) Zn <sub>1-x</sub> Mg <sub>x</sub> O Epitaxial Films on Lattice-Matched LiGaO <sub>2</sub> (001) Substrates. <i>Journal of the Electrochemical Society</i> , <b>2011</b> , 158, D28	3.9	8
96	Formation Mechanism of {0001} ZnO Epitaxial Layer on LiAlO <sub>2</sub> (100) Substrate by Chemical Vapor Deposition. <i>Journal of the Electrochemical Society</i> , <b>2011</b> , 158, H38	3.9	8
95	Investigation of crystal growth and material constants of ordered langasite structure compounds		8
94	Prenatal diagnosis of placental chorioangioma: contribution of color Doppler ultrasound. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>1994</b> , 4, 332-4	5.8	8
93	2D CTAB-MoSe Nanosheets and 0D MoSe Quantum Dots: Facile Top-Down Preparations and Their Peroxidase-Like Catalytic Activity for Colorimetric Detection of Hydrogen Peroxide. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	8
92	Growth and Characterization of Vertically Aligned Nonpolar [1100] Orientation ZnO Nanostructures on (100) LiAlO <sub>2</sub> Substrate. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 6208-6214	3.5	7
91	Strain Relaxation, Defects and Cathodoluminescence of m-Plane ZnO and Zn <sub>0.8</sub> Mg <sub>0.2</sub> O Epilayers Grown on LiAlO <sub>2</sub> Substrate. <i>ECS Journal of Solid State Science and Technology</i> , <b>2013</b> , 2, P338-P345	2	7
90	Growth Behavior of m-Plane ZnO Epilayer on (100) LiGaO <sub>2</sub> by Chemical Vapor Deposition. <i>Journal of the Electrochemical Society</i> , <b>2011</b> , 158, H1166	3.9	7
89	Microstructure of non-polar GaN on LiGaO <sub>2</sub> grown by plasma-assisted MBE. <i>Nanoscale Research Letters</i> , <b>2011</b> , 6, 425	5	7

88	Growth behavior and microstructure of ZnO epilayer on $\text{LiAlO}_2(100)$ substrate by chemical vapor deposition. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2009</b> , 206, 215-219	1.6	7
87	Optical characteristics of m-plane InGaN/GaN multiple quantum well grown on $\text{LiAlO}_2(100)$ by MOVPE. <i>Journal of Crystal Growth</i> , <b>2009</b> , 311, 2919-2922	1.6	7
86	MOVPE growth and properties of non-polar InGaN/GaN multiple quantum wells on $\text{LiAlO}_2$ substrates. <i>Journal of Crystal Growth</i> , <b>2010</b> , 312, 1329-1333	1.6	7
85	Color Doppler sonographic appearance of a Krukenberg tumor in pregnancy. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>1998</b> , 11, 459-60	5.8	7
84	Zone-leveling Czochralski growth and characterization of undoped and MgO-doped near-stoichiometric lithium tantalate crystals. <i>Journal of Crystal Growth</i> , <b>2008</b> , 311, 66-71	1.6	7
83	Prenatal sonographic appearance of congenital axillary fibrosarcoma with intrathoracic invasion. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2002</b> , 20, 98-100	5.8	7
82	Experimental investigation of the BAW device potentials of singly rotated Y-cut ordered Langasite-structure crystals		7
81	Prenatal diagnosis of intrahepatic arteriovenous shunts. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2000</b> , 15, 441-4	5.8	7
80	Photoconduction properties and anomalous power-dependent quantum efficiency in non-polar ZnO epitaxial films grown by chemical vapor deposition. <i>Applied Physics Letters</i> , <b>2017</b> , 110, 052101	3.4	6
79	Optical properties of lithium gallium oxide. <i>Applied Surface Science</i> , <b>2017</b> , 421, 837-842	6.7	6
78	Observation of surface oxidation resistant Shubnikov-de Haas oscillations in $\text{Sb}_2\text{SeTe}_2$ topological insulator. <i>Journal of Applied Physics</i> , <b>2017</b> , 121, 054311	2.5	6
77	Fracture Resistance of Monolithic Zirconia Crowns in Implant Prostheses in Patients with Bruxism. <i>Materials</i> , <b>2019</b> , 12,	3.5	6
76	Growth of MgO doped near stoichiometric $\text{LiNbO}_3$ single crystals by a hanging crucible Czochralski method using a ship lockage type powder feeding system assisted by numerical simulation. <i>CrystEngComm</i> , <b>2014</b> , 16, 6593	3.3	6
75	Improvement of M-plane GaN thin film grown on pre-annealing $\text{LiGaO}_2(100)$ substrate. <i>Journal of Crystal Growth</i> , <b>2012</b> , 340, 61-65	1.6	6
74	Influence of an Advanced Buffer Layer on the Optical Properties of an InGaN/GaN MQW Grown on a (111) Silicon Substrate. <i>Journal of the Korean Physical Society</i> , <b>2007</b> , 50, 797	0.6	6
73	The large linear magnetoresistance in $\text{Sb}_2\text{Se}_2\text{Te}$ single crystal with extremely low mobility. <i>Materials Research Express</i> , <b>2016</b> , 3, 126101	1.7	6
72	Characterization of M -plane GaN thin films grown on misoriented $\text{LiAlO}_2(100)$ substrates. <i>Journal of Crystal Growth</i> , <b>2016</b> , 450, 197-202	1.6	6
71	Achieving high MgO content in wurtzite ZnO epilayer grown on $\text{ScAlMgO}_4$ substrate. <i>Journal of Crystal Growth</i> , <b>2017</b> , 477, 174-178	1.6	5

70	Two-carrier transport-induced extremely large magnetoresistance in high mobility Sb <sub>2</sub> Se <sub>3</sub> . <i>Journal of Applied Physics</i> , <b>2017</b> , 121, 015107	2.5	5
69	Photoconductivities in m-plane and c-plane ZnO epitaxial films grown by chemical vapor deposition on LiGaO <sub>2</sub> substrates: a comparative study. <i>RSC Advances</i> , <b>2016</b> , 6, 86095-86100	3.7	5
68	Crystal field and hyperfine structure of Er <sup>3+</sup> in YPO <sub>4</sub> :Er single crystals: High-resolution optical and EPR spectroscopy. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	5
67	Optical, scintillation and thermally stimulated luminescence properties of Sc <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> :Ce single crystal grown by floating zone method. <i>Optical Materials</i> , <b>2012</b> , 34, 1003-1006	3.3	5
66	Enhancement of carrier transport characteristic in the SbSeTe topological insulators by N adsorption. <i>Scientific Reports</i> , <b>2017</b> , 7, 5133	4.9	5
65	Growth and characterization of a-plane (110) GaN films on (010) LiGaO <sub>2</sub> substrate by chemical vapor deposition. <i>Journal of Crystal Growth</i> , <b>2013</b> , 363, 113-117	1.6	5
64	Growth of free-standing non-polar GaN on (100) LiAlO <sub>2</sub> substrates by hydride vapor phase epitaxy. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , <b>2010</b> , 7, 1764-1766		5
63	Ultrasonic diagnosis of ureteral injury after laparoscopically-assisted vaginal hysterectomy. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2000</b> , 16, 279-83	5.8	5
62	Temperature Dependence of the Stokes Shift in Tensile InGaN/GaN MQWs with Advanced Buffer Layers. <i>Journal of the Korean Physical Society</i> , <b>2008</b> , 53, 1584-1588	0.6	5
61	The temperature dependence of the crossover magnetic field of linear magnetoresistance in the Cu <sub>0.1</sub> Bi <sub>2</sub> Se <sub>3</sub> . <i>Materials Research Express</i> , <b>2016</b> , 3, 086103	1.7	5
60	The Aharonov-Bohm oscillation in the BiSbTe <sub>3</sub> topological insulator macroflake. <i>Applied Physics Letters</i> , <b>2018</b> , 112, 203103	3.4	5
59	Fracture Resistance of Monolithic Zirconia Crowns on Four Occlusal Convergent Abutments in Implant Prosthesis. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 2585	2.6	4
58	Epitaxy of triangular GaN nanoislands on (010) LiGaO <sub>2</sub> substrate. <i>Materials Letters</i> , <b>2014</b> , 120, 101-103	3.3	4
57	(Li <sub>1-x</sub> Fex)OHFeSe Superconductors: Crystal Growth, Structure, and Electromagnetic Properties. <i>Crystals</i> , <b>2017</b> , 7, 167	2.3	4
56	Epitaxial growth of nonpolar m-plane ZnO epilayers and ZnO/Zn <sub>0.55</sub> Mg <sub>0.45</sub> O multiple quantum wells on a LiGaO <sub>2</sub> (100) substrate. <i>RSC Advances</i> , <b>2015</b> , 5, 104798-104805	3.7	4
55	Green light emission by InGaN/GaN multiple-quantum-well microdisks. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 102105	3.4	4
54	Impact of nitridation on structural and optical properties of MOVPE-grown m-plane GaN layers on LiAlO <sub>2</sub> . <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , <b>2009</b> , 6, S482-S485		4
53	Growth and investigation of m-plane (In)GaN buffer layers on LiAlO <sub>2</sub> substrates. <i>Journal of Crystal Growth</i> , <b>2008</b> , 310, 4976-4978	1.6	4



52	Anisotropic photoluminescence of nonpolar ZnO epilayers and ZnO/ZnMgO multiple quantum wells grown on LiGaO substrate. <i>Optics Express</i> , <b>2020</b> , 28, 5629-5638	3.3	4
51	Pressure and magnetic field effects on ferroelastic and antiferromagnetic orderings in honeycomb-lattice Mn <sub>2</sub> V <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	4
50	Epitaxial growth of Cu <sub>2</sub> O on Cu substrate via a combinatorial substrate approach. <i>Journal of Crystal Growth</i> , <b>2019</b> , 512, 124-130	1.6	3
49	Size and orientation effect on the mechanical properties of LiAlO <sub>2</sub> single crystal. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2016</b> , 677, 302-306	5.3	3
48	Zero Cu valence and superconductivity in high-quality Cu <sub>x</sub> Bi <sub>2</sub> Se <sub>3</sub> crystal. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	3
47	Photoassisted Scanning Tunneling Microscopy Investigation on the ZnO(0001)-Zn Surface Treated by Alkaline Solution. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 10664-10671	3.8	3
46	Self-confined GaN heterophased quantum wells. <i>Applied Physics Letters</i> , <b>2010</b> , 96, 222105	3.4	3
45	A Novel Method to Synthesize a Large Area of Single Crystalline LiAl <sub>5</sub> O <sub>8</sub> Nanorods. <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 191-194	3.5	3
44	Growth of non-polar GaN on LiGaO <sub>2</sub> by plasma-assisted MBE. <i>Journal of Crystal Growth</i> , <b>2011</b> , 323, 76-79.	1.6	3
43	Microstructure Characterization of Nonpolar ZnO and Zn <sub>1-x</sub> Mg <sub>x</sub> O Epilayers Grown on (100) LiAlO <sub>2</sub> by Chemical Vapor Deposition. <i>ECS Transactions</i> , <b>2012</b> , 45, 63-71	1	3
42	Diagnosis of an asymptomatic uterine rupture in a twin pregnancy with four-dimensional ultrasound examination and magnetic resonance imaging. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2007</b> , 30, 364-6	5.8	3
41	m-plane GaN/InGaN/AlInN on LiAlO <sub>2</sub> grown by MOVPE. <i>Physica Status Solidi (B): Basic Research</i> , <b>2008</b> , 245, 893-895	1.3	3
40	Usefulness of gray-scale ultrasound and complementary color Doppler ultrasound in the prenatal diagnosis of placenta previa accreta. <i>American Journal of Obstetrics and Gynecology</i> , <b>2005</b> , 192, 1349; author reply 1350	6.4	3
39	Early prenatal diagnosis of type III bilateral congenital cystic adenomatoid malformation of the lung. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>1992</b> , 2, 126-8	5.8	3
38	Growth of InN hexagonal microdisks. <i>AIP Advances</i> , <b>2016</b> , 6, 085015	1.5	2
37	Indium-Incorporation with In <sub>x</sub> Ga <sub>1-x</sub> N Layers on GaN-Microdisks by Plasma-Assisted Molecular Beam Epitaxy. <i>Crystals</i> , <b>2019</b> , 9, 308	2.3	2
36	Morphological control over nonpolar GaN nanostructures on (100) LiAlO <sub>2</sub> substrate. <i>Materials Letters</i> , <b>2014</b> , 130, 271-273	3.3	2
35	Electrical contact for wurtzite GaN microdisks. <i>Applied Physics Letters</i> , <b>2014</b> , 105, 082101	3.4	2

34	Deformation twinning in LiAlO <sub>2</sub> at elevated temperatures. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2012</b> , 551, 218-221	5.3	2
33	Epitaxial Growth of ZnO on LiAlO <sub>2</sub> and LiGaO <sub>2</sub> Substrates by Chemical Vapor Deposition. <i>ECS Transactions</i> , <b>2010</b> , 28, 33-44	1	2
32	Growth of nonpolar m-plane GaN (10 $\bar{1}$ 0) single crystal on (100) LiAlO <sub>2</sub> substrate by a newly designed hydride vapor phase epitaxy. <i>Journal of Crystal Growth</i> , <b>2011</b> , 316, 6-9	1.6	2
31	Antiphase ordering and surface phases in lithium aluminate. <i>Journal of Applied Physics</i> , <b>2008</b> , 104, 093530.5	0.5	2
30	Finite growth of InGaN/GaN triple-quantum-well microdisks on LiAlO <sub>2</sub> substrate. <i>AIP Advances</i> , <b>2018</b> , 8, 095208	1.5	2
29	Spectral and kinetic characteristics of pyroelectric luminescence in LiGaO <sub>2</sub> . <i>Optical Materials</i> , <b>2019</b> , 94, 15-20	3.3	1
28	Growth and Characterization of -Plane GaN Thin Films Grown on -LiAlO (100) Substrates. <i>Scanning</i> , <b>2017</b> , 2017, 2362084	1.6	1
27	Growth and Characteristics of High-quality InN by Plasma- Assisted Molecular Beam Epitaxy <b>2017</b> ,		1
26	Controlling Surface Morphology and Circumventing Secondary Phase Formation in Non-polar m-GaN by Tuning Nitrogen Activity. <i>Journal of Electronic Materials</i> , <b>2018</b> , 47, 359-367	1.9	1
25	Anisotropic Behaviors in ( $\text{Li}_{1-x}\text{Fe}_x$ ) OHFeSe Superconducting Single Crystals. <i>IEEE Transactions on Applied Superconductivity</i> , <b>2018</b> , 28, 1-5	1.8	1
24	Strain of M-plane GaN epitaxial layer grown on LiGaO <sub>2</sub> (100) by plasma-assisted molecular beam epitaxy. <i>AIP Advances</i> , <b>2018</b> , 8, 075116	1.5	1
23	Self-assembly epitaxial growth of nanorods on nanowalls in hierarchical ZnO hexagonal nanocastle. <i>Journal of Nanoparticle Research</i> , <b>2014</b> , 16, 1	2.3	1
22	Growth and Optical Properties of Nonpolar ( $\bar{1}0\bar{1}$ ) Zn <sub>1-x</sub> CoxO Epitaxial Film on a LiAlO <sub>2</sub> Substrate. <i>Chemical Vapor Deposition</i> , <b>2011</b> , 17, 88-92		1
21	Acoustic velocities of shear waves in La <sub>3</sub> Ga(5.5)Ta(0.5)O <sub>14</sub> piezoelectric crystal using singular value decomposition. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , <b>2010</b> , 57, 1813-7	3.2	1
20	Growth and characterization of c-plane AlGaIn on LiAlO <sub>2</sub> . <i>Journal of Crystal Growth</i> , <b>2009</b> , 311, 3726-3730	3.06	1
19	Varix of the portal vein: prenatal diagnosis in a fetus with mosaic trisomy 9 syndrome. <i>Prenatal Diagnosis</i> , <b>2002</b> , 22, 495-7	3.2	1
18	Termination of pathological pregnancy in second and early third trimesters with extraamniotic instillation of 16-phenoxy-omega-tetranor prostaglandin E <sub>2</sub> methylsulfonylamide. <i>International Journal of Gynecology and Obstetrics</i> , <b>1994</b> , 47, 157-61	4	1
17	The Highly Uniform Photoresponsivity from Visible to Near IR Light in SbTe Flakes. <i>Sensors</i> , <b>2021</b> , 21,	3.8	1

16	The Extremely Enhanced Photocurrent Response in Topological Insulator Nanosheets with High Conductance. <i>Nanoscale Research Letters</i> , <b>2018</b> , 13, 371	5	1
15	SEVERE LIMB REDUCTION DEFECTS AFTER UTERINE LAVAGE AT 78 WEEKS OF GESTATION <b>1997</b> , 17, 77		1
14	A proper solution to study the etch pits on LiAlO <sub>2</sub> single crystal. <i>Journal of Crystal Growth</i> , <b>2010</b> , 313, 42-46	1.6	0
13	In utero diagnosis of fetal gastroschisis with eviscerated gastric perforation. <i>Prenatal Diagnosis</i> , <b>2002</b> , 22, 163-4	3.2	0
12	Anisotropic Strain on GaN Microdisks Grown by Plasma-Assisted Molecular Beam Epitaxy. <i>Crystals</i> , <b>2020</b> , 10, 899	2.3	
11	Characterization of M-plane GaN thin film grown on pre-annealing LiGaO <sub>2</sub> (100) substrate. <i>Thin Solid Films</i> , <b>2012</b> , 526, 87-91	2.2	
10	ZnO Nanostructures Prepared on LiAlO <sub>2</sub> Substrates by Chemical Vapor Deposition. <i>ECS Transactions</i> , <b>2013</b> , 45, 13-19	1	
9	Preparation of CsI(Tl) Scintillation Film by RF Magnetron Sputter Method and its Structural and Optical Characterization. <i>Advanced Materials Research</i> , <b>2013</b> , 652-654, 628-633	0.5	
8	Characterization of GaN microstructures grown by plasma-assisted molecular beam epitaxy. <i>AIP Advances</i> , <b>2013</b> , 3, 062134	1.5	
7	Mechanisms of impurity incorporation during MOVPE growth of m-plane GaN layers on LiAlO <sub>2</sub> . <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , <b>2011</b> , 8, 2050-2052		
6	P-wave-enhanced spin field effect transistor and recent patents. <i>Recent Patents on Nanotechnology</i> , <b>2007</b> , 1, 169-75	1.2	
5	Grain boundary effect on electron-beam-induced current in La <sub>3</sub> Ga <sub>5.5</sub> Ta <sub>0.5</sub> O <sub>14</sub> crystal. <i>Materials Research Bulletin</i> , <b>2005</b> , 40, 1883-1890	5.1	
4	Role of polarization in the photoluminescence of C- and M-plane oriented GaN/AlGa <sub>n</sub> multiple quantum wells. <i>Materials Research Society Symposia Proceedings</i> , <b>2002</b> , 743, L5.3.1		
3	Comparison of Luminescence in LiGaO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> -Ga and Al <sub>2</sub> O <sub>3</sub> -Li Crystals. <i>Latvian Journal of Physics and Technical Sciences</i> , <b>2018</b> , 55, 4-12	0.5	
2	Observation of Landau Level-Dependent Aharonov-Bohm-Like Oscillations in a Topological Insulator. <i>Nanoscale Research Letters</i> , <b>2020</b> , 15, 171	5	
1	The thickness-induced magneto-transport and optic properties enhancement in SbTe flakes. <i>Scientific Reports</i> , <b>2018</b> , 8, 16690	4.9	