

# Tooru Tanaka

## List of Publications by Year in descending order

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344  
papers

6,898  
citations

93792

39  
h-index

104191

69  
g-index

385  
all docs

385  
docs citations

385  
times ranked

6982  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved two-step photon absorption current by Cl-doping in ZnTeO-based intermediate band solar cells with n-ZnS layer. <i>Solar Energy Materials and Solar Cells</i> , 2022, 235, 111456.	3.0	4
2	Effects of Al doping on the structural, electrical, and optical properties of rock-salt ZnCdO thin films grown by molecular beam epitaxy. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 163, 110571.	1.9	3
3	Near-infrared light-emitting diodes based on Tm-doped Ga <sub>2</sub> O <sub>3</sub> . <i>Journal of Luminescence</i> , 2022, 245, 118773.	1.5	5
4	Defect healing via a gradient cooling strategy for efficient all-inorganic perovskite solar cells. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4276-4285.	2.7	7
5	Facile synthesis of Cu <sub>2</sub> O nanorods in the presence of NaCl by successive ionic layer adsorption and reaction method and its characterizations. <i>Royal Society Open Science</i> , 2022, 9, 211899.	1.1	6
6	Strong enhancement of red photoluminescence from Eu doped Ga <sub>2</sub> O <sub>3</sub> films by thermal annealing. <i>Journal of Luminescence</i> , 2022, 246, 118858.	1.5	3
7	Low-temperature growth of In <sub>2</sub> O <sub>3</sub> films on a-plane sapphire substrates by pulsed laser deposition. <i>Thin Solid Films</i> , 2022, 756, 139383.	0.8	0
8	Realization of red electroluminescence from Ga <sub>2</sub> O <sub>3</sub> :Eu/Si based light-emitting diodes. <i>Superlattices and Microstructures</i> , 2021, 150, 106814.	1.4	25
9	Epitaxial growth of (Al <sub>x</sub> Ga <sub>1-x</sub> ) <sub>2</sub> O <sub>3</sub> thin films on sapphire substrates by plasma assisted pulsed laser deposition. <i>AIP Advances</i> , 2021, 11, 035319.	0.6	10
10	Improvement of sensing sensitivity based on green emissions from Er-doped (AlGa) <sub>2</sub> O <sub>3</sub> films. <i>Journal of Luminescence</i> , 2021, 232, 117879.	1.5	7
11	Low temperature growth of In <sub>2</sub> O <sub>3</sub> films via pulsed laser deposition with oxygen plasma. <i>Japanese Journal of Applied Physics</i> , 2021, 60, 055505.	0.8	1
12	Structural, optical, and electrical properties of WZ- and RS-ZnCdO thin films on MgO (100) substrate by molecular beam epitaxy. <i>Journal of Alloys and Compounds</i> , 2021, 867, 159033.	2.8	2
13	Low driven voltage green electroluminescent device based on Er:Ga <sub>2</sub> O <sub>3</sub> /GaAs heterojunction. <i>Optical Materials</i> , 2021, 116, 111078.	1.7	8
14	Effect of Nitrogen Doping on Structural, Electrical, and Optical Properties of CuO Thin Films Synthesized by Radio Frequency Magnetron Sputtering for Photovoltaic Application. <i>ECS Journal of Solid State Science and Technology</i> , 2021, 10, 065019.	0.9	4
15	Low threshold voltage blue light emitting diodes based on thulium doped gallium oxides. <i>Applied Physics Express</i> , 2021, 14, 081002.	1.1	7
16	Yellow emission from vertically integrated Ga <sub>2</sub> O <sub>3</sub> doped with Er and Eu electroluminescent film. <i>Journal of Luminescence</i> , 2021, 235, 118051.	1.5	16
17	Strategy toward white LEDs based on vertically integrated rare earth doped Ga <sub>2</sub> O <sub>3</sub> films. <i>Applied Physics Letters</i> , 2021, 119, .	1.5	18
18	Influence of the Substrate, Process Conditions, and Postannealing Temperature on the Properties of ZnO Thin Films Grown by the Successive Ionic Layer Adsorption and Reaction Method. <i>ACS Omega</i> , 2021, 6, 2665-2674.	1.6	46

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19	Pulsed laser deposition growth of ultra-wide bandgap GeO <sub>2</sub> film and its optical properties. Applied Physics Letters, 2021, 119, .	1.5	10
20	Nitrogen Doping Effect in Cu <sub>4</sub> O <sub>3</sub> Thin Films Fabricated by Radio Frequency Magnetron Sputtering. Physica Status Solidi (B): Basic Research, 2020, 257, 1900363.	0.7	5
21	Low temperature growth of (AlGa)O <sub>3</sub> films by oxygen radical assisted pulsed laser deposition. CrystEngComm, 2020, 22, 142-146.	1.3	7
22	Efficient temperature sensor based on green emissions from Er-doped $\text{In}^{2+}$ -Ga <sub>2</sub> O <sub>3</sub> thin film. AIP Advances, 2020, 10, .	0.6	9
23	Enhanced green emission from Er-doped (AlGa) <sub>2</sub> O <sub>3</sub> films grown by pulsed laser deposition. Japanese Journal of Applied Physics, 2020, 59, 051007.	0.8	8
24	Impacts of oxygen radical ambient on structural and optical properties of (AlGa)O <sub>3</sub> films deposited by pulsed laser deposition. AIP Advances, 2020, 10, 065125.	0.6	2
25	Realization of rocksalt Zn <sub>1-x</sub> Cd <sub>x</sub> O thin films with an optical band gap above 3.0 eV by molecular beam epitaxy. CrystEngComm, 2020, 22, 2781-2787.	1.3	8
26	Effect of oxygen flow rate on properties of Cu <sub>4</sub> O <sub>3</sub> thin films fabricated by radio frequency magnetron sputtering. Journal of Applied Physics, 2020, 127, .	1.1	12
27	Conductive transparent (InGa)O <sub>3</sub> film as host for rare earth Eu. AIP Advances, 2020, 10, 025024.	0.6	0
28	Growth of low resistive Al-doped ZnCdO thin films with rocksalt structure for transparent conductive oxide thin films. , 2020, , .		0
29	Intermediate band solar cells based on highly mismatched II-VI oxide semiconductors. , 2020, , .		0
30	A novel orexin antagonist from a natural plant was discovered using zebrafish behavioural analysis. European Review for Medical and Pharmacological Sciences, 2020, 24, 5127-5139.	0.5	2
31	Cl-doping effect in ZnTe <sub>1-x</sub> O <sub>x</sub> highly mismatched alloys for intermediate band solar cells. Journal of Applied Physics, 2019, 125, 243109.	1.1	11
32	Low temperature growth of Ga <sub>2</sub> O <sub>3</sub> films on sapphire substrates by plasma assisted pulsed laser deposition. AIP Advances, 2019, 9, .	0.6	7
33	Effects of the host conduction band energy on the electronic band structure of ZnCdTeO dilute oxide alloys. Journal of Applied Physics, 2019, 126, 083106.	1.1	5
34	Three-dimensional band structure and surface electron accumulation of $\text{rs-Cd}_x\text{Zn}_{1-x}\text{O}$ studied by angle-resolved photoemission spectroscopy. Scientific Reports, 2019, 9, 8026.	1.6	7
35	High Forbidden-to-resonance Line Ratio of O vii Discovered from the Cygnus Loop. Astrophysical Journal, 2019, 871, 234.	1.6	14
36	Influence of oxygen flow rate and substrate positions on properties of Cu-oxide thin films fabricated by radio frequency magnetron sputtering using pure Cu target. Thin Solid Films, 2019, 675, 59-65.	0.8	15

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37	Growth properties of gallium oxide on sapphire substrate by plasma-assisted pulsed laser deposition. <i>Journal of Semiconductors</i> , 2019, 40, 122801.	2.0	3
38	Oxygen Concentration Dependence of Photovoltaic Properties of Intermediate Band Solar Cells based on Cl-doped ZnTeO. , 2019, , .		0
39	Photoluminescence of ZnTe/ZnMgTe multiple quantum well structures grown on ZnTe substrates by molecular beam epitaxy. <i>Superlattices and Microstructures</i> , 2018, 114, 192-199.	1.4	5
40	The impact of dopant contents on structures, morphologies and optical properties of Eu doped Ga <sub>2</sub> O <sub>3</sub> films on GaAs substrate. <i>Journal of Luminescence</i> , 2018, 194, 374-378.	1.5	16
41	Ultraviolet emission from MgZnO films and ZnO/MgZnO single quantum wells grown by pulsed laser deposition. <i>Journal of Crystal Growth</i> , 2018, 483, 39-43.	0.7	9
42	Improved photovoltaic properties of ZnTeO-based intermediate band solar cells. , 2018, , .		2
43	What is the third serological marker associated with immune-mediated necrotizing myopathy?. <i>Scandinavian Journal of Rheumatology</i> , 2017, 46, 416-417.	0.6	5
44	Photoluminescence and electrical properties of P-doped ZnTe layers grown by low pressure MOVPE. <i>Journal of Crystal Growth</i> , 2017, 468, 666-670.	0.7	7
45	Growth and characterization of Zn <sub>1-x</sub> Cd <sub>x</sub> Te <sub>1-y</sub> O <sub>y</sub> highly mismatched alloys for intermediate band solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2017, 169, 1-7.	3.0	9
46	Growth of ZnMgSeTe nearly lattice-matched to ZnTe and p-type doping by low-pressure MOVPE. <i>Journal of Crystal Growth</i> , 2017, 468, 671-675.	0.7	0
47	Improved Open-Circuit Voltage and Photovoltaic Properties of ZnTeO-Based Intermediate Band Solar Cells With n-Type ZnS Layers. <i>IEEE Journal of Photovoltaics</i> , 2017, 7, 1024-1030.	1.5	12
48	Anti-anhedonic effect of selective serotonin reuptake inhibitors with affinity for sigma-1 receptors in picrotoxin-treated mice. <i>British Journal of Pharmacology</i> , 2017, 174, 314-327.	2.7	9
49	Sequential treatment with zoledronic acid followed by teriparatide or vice versa increases bone mineral density and bone strength in ovariectomized rats. <i>Bone Reports</i> , 2017, 7, 70-82.	0.2	2
50	Characteristics of thulium doped gallium oxide films grown by pulsed laser deposition. <i>Thin Solid Films</i> , 2017, 639, 123-126.	0.8	19
51	Efficient pure green emission from Er-doped Ga <sub>2</sub> O <sub>3</sub> films. <i>CrystEngComm</i> , 2017, 19, 4448-4458.	1.3	23
52	Calcineurin inhibitors exacerbate coronary arteritis via the MyD88 signalling pathway in a murine model of Kawasaki disease. <i>Clinical and Experimental Immunology</i> , 2017, 190, 54-67.	1.1	7
53	Structural properties of Eu doped gallium oxide films. <i>Materials Research Bulletin</i> , 2017, 94, 170-173.	2.7	12
54	Temperature-dependent Raman scattering in cubic (InGa) <sub>2</sub> O <sub>3</sub> thin films. <i>Journal of Alloys and Compounds</i> , 2017, 690, 287-292.	2.8	12

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55	Decreased level of interleukin-10-producing B cells in patients with pemphigus but not in patients with pemphigoid. <i>British Journal of Dermatology</i> , 2017, 176, 1204-1212.	1.4	21
56	Estimation of Mean Monthly Global Solar Radiation Using Model Based on Sunshine Hours for Colombia. , 2017, , .		0
57	Effect of Cl-doping in ZnTeO on Photoluminescence and Photovoltaic Properties of ZnTeO-based Intermediate Band Solar Cells. , 2017, , .		0
58	Low pressure MOVPE growth and characterization of ZnTe homoepitaxial layers. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2016, 13, 439-442.	0.8	1
59	Influence of source transport rate upon fractions of Mg and Se in Zn <sub>1-x</sub> Mg <sub>x</sub> Se <sub>1-y</sub> Te <sub>1-y</sub> layers grown by metalorganic vapor phase epitaxy. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2016, 13, 443-447.	0.8	1
60	Three-dimensional power Doppler with silhouette mode for diagnosis of malignant ovarian tumors. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016, 48, 806-808.	0.9	12
61	Temperature dependence of Raman scattering in In <sup>2+</sup> -(AlGa)2O3 thin films. <i>AIP Advances</i> , 2016, 6, .	0.6	24
62	Toward controlling the carrier density of Si doped Ga2O3 films by pulsed laser deposition. <i>Applied Physics Letters</i> , 2016, 109, .	1.5	60
63	Observation of low voltage driven green emission from erbium doped Ga2O3 light-emitting devices. <i>Applied Physics Letters</i> , 2016, 109, .	1.5	29
64	Band alignment of Ga2O3/Si heterojunction interface measured by X-ray photoelectron spectroscopy. <i>Applied Physics Letters</i> , 2016, 109, .	1.5	52
65	Cl-doping in highly mismatched Zn<sub>1-x</sub>O<sub>x</sub> alloys for intermediate band solar cells. , 2016, , .		0
66	Highly transparent conductive Ga doped ZnO films in the near-infrared wavelength range. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 9291-9296.	1.1	3
67	Influence of substrate temperature on the properties of (AlGa)2O3 thin films prepared by pulsed laser deposition. <i>Ceramics International</i> , 2016, 42, 12783-12788.	2.3	27
68	Temperature dependence of luminescence spectra in europium doped Ga2O3 film. <i>Journal of Luminescence</i> , 2016, 177, 48-53.	1.5	26
69	Multicolor Electroluminescence from Intermediate Band Solar Cell Structures. <i>Advanced Energy Materials</i> , 2016, 6, 1501820.	10.2	13
70	Compositional dependence of optical transition energies in highly mismatched Zn<sub>1-x</sub><sub>x</sub>Cd<sub>x</sub>Te<sub>1-y</sub><sub>y</sub>O<sub>y</sub> alloys. <i>Applied Physics Express</i> , 2016, 9, 021202.	1.1	7
71	Influence of Processing Conditions on the Performance of Cu<sub>2</sub>ZnSnS<sub>4</sub> Nanocrystal Solar Cells. <i>ChemistrySelect</i> , 2016, 1, 86-93.	0.7	4
72	The impact of growth temperature on the structural and optical properties of catalyst-free In<sup>2</sup>-Ga<sub>2</sub>O<sub>3</sub> nanostructures. <i>Materials Research Express</i> , 2016, 3, 025003.	0.8	5

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73	Effects of dopant contents on structural, morphological and optical properties of Er doped Ga <sub>2</sub> O <sub>3</sub> films. Superlattices and Microstructures, 2016, 90, 207-214.	1.4	47
74	Delineation of clinical features in Wiedemann-Steiner syndrome caused by <i>KMT2A</i> mutations. Clinical Genetics, 2016, 89, 115-119.	1.0	56
75	Characterization of <i>p</i> -ZnTe/ <i>n</i> -ZnO Heterojunction Interface Prepared by Direct Bonding Technology. IEJ Transactions on Electronics, Information and Systems, 2016, 136, 1761-1766.	0.1	0
76	Growth and characterization of highly mismatched Zn <sub>1-x</sub> Cd <sub>x</sub> Te <sub>1-y</sub> O <sub>y</sub> alloys for intermediate band solar cells. , 2015, , .		1
77	Two-Photon Absorption in GaAs. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> $P < \substack{1 \\ y} > N < \substack{x \\ x} >$ Physical Review Applied, 2015, 3, .		13
78	Testing the applicability of a kinematic wave-based distributed hydrological model in two climatically contrasting catchments. Hydrological Sciences Journal, 2015, 60, 1361-1373.	1.2	34
79	Characterization of Cu <sub>2</sub> SnSe <sub>3</sub> thin films fabricated by coevaporation. , 2015, , .		0
80	Compositions of Mg and Se, surface morphology, roughness and Raman property of Zn <sub>1-x</sub> Mg <sub>x</sub> Se Te <sub>1-y</sub> layers grown at various substrate temperatures or dopant transport rates by MOVPE. Journal of Crystal Growth, 2015, 414, 114-118.	0.7	1
81	Toward the understanding of annealing effects on (GaIn) <sub>2</sub> O <sub>3</sub> films. Thin Solid Films, 2015, 578, 1-6.	0.8	16
82	Lower temperature growth of single phase MgZnO films in all Mg content range. Journal of Alloys and Compounds, 2015, 627, 383-387.	2.8	28
83	Effects of a semiconductor matrix on the band anticrossing in dilute group II-VI oxides. Semiconductor Science and Technology, 2015, 30, 085018.	1.0	18
84	Synthesis of Copper-Antimony-Sulfide Nanocrystals for Solution-Processed Solar Cells. Inorganic Chemistry, 2015, 54, 7840-7845.	1.9	68
85	Mild solvothermal synthesis of Cu <sub>2</sub> ZnSn(S <sub>x</sub> Se <sub>1-x</sub> ) <sub>4</sub> nanocrystals with tunable phase structure and composition. Journal of Power Sources, 2015, 294, 603-608.	4.0	7
86	Electrical properties of Si doped Ga <sub>2</sub> O <sub>3</sub> films grown by pulsed laser deposition. Journal of Materials Science: Materials in Electronics, 2015, 26, 9624-9629.	1.1	51
87	Energy band bowing parameter in MgZnO alloys. Applied Physics Letters, 2015, 107, .	1.5	37
88	Low temperature growth of europium doped Ga <sub>2</sub> O <sub>3</sub> luminescent films. Journal of Crystal Growth, 2015, 430, 28-33.	0.7	36
89	Wide bandgap engineering of (AlGa) <sub>2</sub> O <sub>3</sub> films. Applied Physics Letters, 2014, 105, .	1.5	161
90	Carrier dynamics in dilute II-VI oxide highly mismatched alloys. Proceedings of SPIE, 2014, , .	0.8	0

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91	Wide bandgap engineering of (GaIn)2O3 films. Solid State Communications, 2014, 186, 28-31.	0.9	63
92	Structural and optical properties of Ga2O3 films on sapphire substrates by pulsed laser deposition. Journal of Crystal Growth, 2014, 387, 96-100.	0.7	134
93	Fabrication of ZnO/ZnTe heterojunction by using a room temperature direct bonding technology. Physica Status Solidi C: Current Topics in Solid State Physics, 2014, 11, 1218-1220.	0.8	3
94	Growth of InGaN layers on (1 1 1) silicon substrates by reactive sputtering. Journal of Alloys and Compounds, 2014, 587, 217-221.	2.8	7
95	Solution-Processed Cu <sub>2</sub> ZnSnS <sub>4</sub> Nanocrystal Solar Cells: Efficient Stripping of Surface Insulating Layers Using Alkylating Agents. Journal of Physical Chemistry C, 2014, 118, 804-810.	1.5	38
96	The effect of substrate temperature upon the compositions of Mg and Se in Zn <sub>1-x</sub> Mg <sub>x</sub> Se <sub>y</sub> Te <sub>1-y</sub> layer grown by MOVPE. Physica Status Solidi C: Current Topics in Solid State Physics, 2014, 11, 1202-1205.	0.8	2
97	Thermal annealing impact on crystal quality of (GaIn)2O3 alloys. Journal of Alloys and Compounds, 2014, 614, 173-176.	2.8	15
98	Cu <sub>2</sub> ZnSnS <sub>4</sub> alloys synthesized from Cu <sub>2</sub> SnS <sub>3</sub> @ZnS nanoparticles via a facile hydrothermal approach. Materials Letters, 2014, 125, 167-170.	1.3	18
99	Photogenerated Current By Two-Step Photon Excitation in ZnTeO Intermediate Band Solar Cells with n-ZnO Window Layer. IEEE Journal of Photovoltaics, 2014, 4, 196-201.	1.5	25
100	Electrical properties and emission mechanisms of Zn-doped $\bar{1}^2$ -Ga <sub>2</sub> O <sub>3</sub> films. Journal of Physics and Chemistry of Solids, 2014, 75, 1201-1204.	1.9	73
101	Band alignment of ZnTe/GaAs heterointerface investigated by synchrotron radiation photoemission spectroscopy. Applied Physics Letters, 2013, 102, 092107.	1.5	13
102	Recombination dynamics and carrier lifetimes in highly mismatched ZnTeO alloys. Applied Physics Letters, 2013, 103, .	1.5	12
103	Molecular beam epitaxial growth of ZnCdTeO epilayers for intermediate band solar cells. Journal of Crystal Growth, 2013, 378, 259-262.	0.7	15
104	Effects of annealing treatment upon electrical and photoluminescence properties of phosphorus-doped ZnMgTe epilayers grown by metalorganic vapor phase epitaxy. Journal of Crystal Growth, 2013, 370, 342-347.	0.7	6
105	Effects of oxygen gas pressure on properties of iron oxide films grown by pulsed laser deposition. Journal of Alloys and Compounds, 2013, 552, 1-5.	2.8	8
106	Surface morphologies and photoluminescence properties of undoped and P-doped ZnTe layers grown by metalorganic vapor phase epitaxy. Journal of Crystal Growth, 2013, 370, 348-352.	0.7	2
107	Photocurrent induced by two-photon excitation in ZnTeO intermediate band solar cells. Applied Physics Letters, 2013, 102, .	1.5	61
108	Synthesis of the Cu <sub>2</sub> ZnSn(S,Se) <sub>4</sub> alloys with tunable phase structure and composition via a novel non-toxic solution method. RSC Advances, 2013, 3, 26160.	1.7	6

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109	Epitaxial Growth of ZnTe Layers on ZnO Bulk Substrates by Metalorganic Vapor Phase Epitaxy. Japanese Journal of Applied Physics, 2013, 52, 040206.	0.8	1
110	Germline polymorphism at the $\beta$ -microglobulin exon 1/intron 1 splice site in canine mammary gland simple and complex carcinomas. Veterinary Record, 2013, 172, 529-529.	0.2	1
111	Discovery of a recombination dominant plasma: a relic of a giant flare of Sgr A*?. Proceedings of the International Astronomical Union, 2013, 9, 349-353.	0.0	0
112	Green LEDs and Solar Cells Based on ZnTe-related Materials. , 2012, , .		0
113	Impact of Radio Frequency Powers on GaInN Film Growth by Magnetron Reactive Sputtering. Japanese Journal of Applied Physics, 2012, 51, 118004.	0.8	1
114	Synthesis and optical properties of ZnTe <sub>1-x</sub> O <sub>x</sub> highly mismatched alloys for intermediate band solar cells. , 2012, , .		0
115	Effects of substrate temperature upon the properties of ZnMgTe layer grown by MOVPE. Applied Surface Science, 2012, 258, 2137-2140.	3.1	2
116	Growth of ZnTe layers on (111) GaAs substrates by metalorganic vapor phase epitaxy. Journal of Crystal Growth, 2012, 341, 7-11.	0.7	6
117	Existence and removal of Cu <sub>2</sub> Se second phase in coevaporated Cu <sub>2</sub> ZnSnSe <sub>4</sub> thin films. Journal of Applied Physics, 2012, 111, .	1.1	87
118	Molecular beam epitaxial growth and optical properties of highly mismatched ZnTe <sub>1-x</sub> O <sub>x</sub> alloys. Applied Physics Letters, 2012, 100, .	1.5	60
119	Influence of source transport rate upon phosphorus doping of ZnTe layers grown by MOVPE method. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 1732-1735.	0.8	1
120	Influence of dopant transport rate upon photoluminescence and electrical properties of phosphorus-doped ZnMgTe layers grown by MOVPE. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 1736-1739.	0.8	1
121	Early-stage formation of an epigenetic field defect in a mouse colitis model, and non-essential roles of T- and B-cells in DNA methylation induction. Oncogene, 2012, 31, 342-351.	2.6	69
122	Impact of Radio Frequency Powers on GaInN Film Growth by Magnetron Reactive Sputtering. Japanese Journal of Applied Physics, 2012, 51, 118004.	0.8	2
123	Development of intermediate band solar cell based on ZnTe <sub>1-x</sub> O <sub>x</sub> ; synthesized by oxygen ion implantation. , 2011, , .		0
124	Demonstration of ZnTe <sub>1-x</sub> O <sub>x</sub> Intermediate Band Solar Cell. Japanese Journal of Applied Physics, 2011, 50, 082304.	0.8	37
125	Role of endogenous pituitary adenylate cyclase-activating polypeptide in adult hippocampal neurogenesis. Neuroscience, 2011, 172, 554-561.	1.1	26
126	Application of Ionic Liquid Coating Method to Observation of Non-conductive Samples by a Mobile Scanning Electron Microscope for Elementary Science Education. Journal of Surface Analysis (Online), 2011, 18, 105-109.	0.1	2



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127	Observation of Defects of CuInSe <sub>2</sub> by 300 kV Aberration Corrected Scanning Transmission Electron Microscope. <i>Microscopy and Microanalysis</i> , 2011, 17, 1268-1269.	0.2	0
128	Effect of VI/II ratio upon photoluminescence and electrical properties of phosphorus-doped ZnTe films grown by metalorganic vapor phase epitaxy. <i>Thin Solid Films</i> , 2011, 520, 743-746.	0.8	18
129	Effect of gas flow rate on surface morphology and crystal quality of ZnTe epilayers grown on GaAs substrates. <i>Materials Research Bulletin</i> , 2011, 46, 551-554.	2.7	2
130	Temperature dependence of electrical properties for P-doped ZnMgTe bulk crystals of high quality grown by Bridgman method. <i>Journal of Crystal Growth</i> , 2011, 318, 524-527.	0.7	4
131	Combined endobronchial and endoscopic ultrasound-guided fine needle aspiration for mediastinal nodal staging of lung cancer. <i>Endoscopy</i> , 2011, 43, 1082-1089.	1.0	64
132	Electron Contribution to the Change of Electronic Structure in CeRu <sub>2</sub> Si. <i>Physical Review Letters</i> , 2011, 106, 136401.	2.9	26
133	Electronic structure of GaInN semiconductors investigated by x-ray absorption spectroscopy. <i>Applied Physics Letters</i> , 2011, 98, .	1.5	18
134	Demonstration of ZnTe <sub>1-x</sub> O <sub>x</sub> Intermediate Band Solar Cell. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 082304.	0.8	8
135	Estimation of donor and acceptor levels in Al-doped ZnTe layers from photoluminescence measurement. <i>Proceedings of SPIE</i> , 2010, , .	0.8	0
136	Dependence of crystallization time on microstructures and J <sub>c</sub> properties of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>y</sub> films by TFA-MOD chemical solution process. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2010, 173, 61-65.	1.7	6
137	Influence of composition ratio on properties of Cu <sub>2</sub> ZnSnS <sub>4</sub> thin films fabricated by co-evaporation. <i>Thin Solid Films</i> , 2010, 518, S29-S33.	0.8	155
138	Temperature dependence of photoluminescence from P-doped ZnMgTe bulk crystals of high quality grown by Bridgman method. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2010, 7, 1495-1497.	0.8	1
139	Low-temperature buffer layer effects on the quality of ZnTe epilayers grown on sapphire substrates. <i>Journal of Applied Physics</i> , 2010, 107, .	1.1	19
140	Properties of InGaN Films Grown by Reactive Sputtering. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 081203.	0.8	15
141	Î±-Aryl Allylsilanes from Palladium-Catalyzed Allyl-Aryl Coupling. <i>Synfacts</i> , 2010, 2010, 1282-1282.	0.0	0
142	Development of ZnTe <sub>1-x</sub> O <sub>x</sub> intermediate band solar cells. , 2010, , .		0
143	Demonstration of homojunction ZnTe solar cells. <i>Journal of Applied Physics</i> , 2010, 108, .	1.1	40
144	LARGE AREA TELESCOPE GAMMA-RAY DETECTION OF THE RADIO GALAXY M87. <i>Astrophysical Journal</i> , 2009, 707, 55-60.	1.6	153

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145	Buffer layer effects on properties of ZnTe for terahertz device application. , 2009, , .		0
146	Effects of Salts in Methyl Difluoroacetate-based Electrolytes on their Thermal Stability in Lithium-ion Batteries. Fuel Cells, 2009, 9, 269-272.	1.5	12
147	Post-annealing effect upon electrical and optical properties of MOVPE grown P-doped ZnTe homoepitaxial layers. Journal of Materials Science: Materials in Electronics, 2009, 20, 264-267.	1.1	6
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