

Noriyuki Takada

List of Publications by Year in descending order

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70
papers

1,741
citations

331670

21
h-index

276875

41
g-index

70
all docs

70
docs citations

70
times ranked

1756
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of emission characteristics in organic thin-film electroluminescent diodes using an optical-microcavity structure. Applied Physics Letters, 1993, 63, 2032-2034.	3.3	258
2	Influence of moisture on device characteristics of polythiophene-based field-effect transistors. Journal of Applied Physics, 2004, 95, 5088-5093.	2.5	229
3	Sharply directed emission in organic electroluminescent diodes with an optical-microcavity structure. Applied Physics Letters, 1994, 65, 1868-1870.	3.3	185
4	Crystal Structures and Triboluminescence Based on Trifluoromethyl and Pentafluorosulfanyl Substituted Asymmetric N-Phenyl Imide Compounds. Chemistry of Materials, 2012, 24, 671-676.	6.7	98
5	Polariton emission from polysilane-based organic microcavities. Applied Physics Letters, 2003, 82, 1812-1814.	3.3	71
6	Threshold voltage stability of organic field-effect transistors for various chemical species in the insulator surface. Applied Physics Letters, 2007, 91, .	3.3	66
7	Strongly Directed Emission from Controlled-Spontaneous-Emission Electroluminescent Diodes with Europium Complex as an Emitter. Japanese Journal of Applied Physics, 1994, 33, L863-L866.	1.5	56
8	Phthalimide Compounds Containing a Trifluoromethylphenyl Group and Electron-Donating Aryl Groups: Color-Tuning and Enhancement of Triboluminescence. Journal of Organic Chemistry, 2016, 81, 433-441.	3.2	56
9	Light up-conversion from near-infrared to blue using a photoresponsive organic light-emitting device. Applied Physics Letters, 2002, 81, 769-771.	3.3	45
10	One-Dimensional Growth of Phenylene Oligomer Single Crystals on Friction-Transferred Poly(p-phenylene) Film. Japanese Journal of Applied Physics, 1997, 36, 2843-2848.	1.5	44
11	Influence of fine roughness of insulator surface on threshold voltage stability of organic field-effect transistors. Applied Physics Letters, 2008, 93, .	3.3	44
12	Mechanoluminescent properties of europium complexes. Synthetic Metals, 1997, 91, 351-354.	3.9	43
13	<title>Progress in organic multilayer electroluminescent devices</title>., 1993, , .		42
14	Strong coupling in organic semiconductor microcavities. Semiconductor Science and Technology, 2003, 18, S419-S427.	2.0	42
15	Spectroscopic investigation of the electro-optic nonlinearity in poly(2,5-thienylene vinylene). Journal of Applied Physics, 1992, 71, 1064-1066.	2.5	38
16	Red electroluminescence of a europium complex dispersed in poly(N-vinylcarbazole). Thin Solid Films, 2002, 405, 224-227.	1.8	34
17	Organic Light-Emitting Diode with TiOPc Layer – A New Multifunctional Optoelectronic Device. Japanese Journal of Applied Physics, 2001, 40, L948-L951.	1.5	33
18	Progress in Emission Efficiency of Organic Light-Emitting Diodes: Basic Understanding and Its Technical Application. Japanese Journal of Applied Physics, 2013, 52, 110001.	1.5	32

#	ARTICLE	IF	CITATIONS
19	Bright green organic electroluminescent devices based on a novel thermally stable terbium complex. <i>Synthetic Metals</i> , 1999, 102, 1136-1137.	3.9	30
20	Mechanoluminescence from piezoelectric crystals of an europium complex. <i>Synthetic Metals</i> , 2000, 111-112, 587-590.	3.9	26
21	Spectra of Ir(III) (Ir(III); Ir(III), Ir(III)) in poly(2,5-dimethoxy p-phenylene vinylene) (MO-PPV) for various conversion levels. <i>Chemical Physics Letters</i> , 1991, 183, 534-538.	2.6	25
22	Development of Field-Effect Transistor-Type Photorewritable Memory Using Photochromic Interface Layer. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 04DK09.	1.5	25
23	Near-infrared electroluminescent devices using single-wall carbon nanotubes thin films. <i>Applied Physics Letters</i> , 2005, 87, 211914.	3.3	20
24	Temporal Changes in Source-Drain Current for Organic Field-Effect Transistors Caused by Dipole on Insulator Surface. <i>Applied Physics Express</i> , 0, 1, 061801.	2.4	14
25	Rearrangement of the molecular orientation of Alq3 in organic light-emitting diodes under constant current aging investigated using sum frequency generation spectroscopy. <i>Chemical Physics Letters</i> , 2014, 616-617, 86-90.	2.6	14
26	Spectra of Ir(III) (Ir(III); Ir(III), Ir(III)) in poly(2,5-thienylenevinylene) thin films with controlled conjugation lengths. <i>Journal of Applied Physics</i> , 1991, 70, 2915-2920.	2.5	13
27	Intense Mechanoluminescence from Europium Tris(2-Thenoyltrifluoroacetone) Phenanthroline. <i>Molecular Crystals and Liquid Crystals</i> , 1997, 295, 71-74.	0.3	13
28	Relaxation behavior of electroluminescence from europium complex light emitting diodes. <i>Synthetic Metals</i> , 2001, 121, 1745-1746.	3.9	13
29	Electrode Effects of Organic Thin-Film Transistor with Top and Bottom Contact Configuration. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 3715-3720.	1.5	13
30	Design of Organic Electroluminescent Materials and Devices. <i>Molecular Crystals and Liquid Crystals</i> , 1994, 253, 125-132.	0.3	10
31	Luminescence enhancement by blending PVK with blue PPV copolymer. <i>Synthetic Metals</i> , 1999, 102, 1132-1133.	3.9	10
32	Photoresponsive organic electroluminescent devices. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2003, 158, 215-218.	3.9	9
33	Analysis of chemiluminescence spectra in oxidative degradation of oleic acid. <i>Chemical Physics Letters</i> , 2013, 565, 138-142.	2.6	9
34	Control of spontaneous emission using microcavity structures in organic electroluminescent devices. <i>Synthetic Metals</i> , 1995, 71, 2001-2004.	3.9	8
35	Photo- and Electroluminescence for TCNQ-amino Adducts. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 349, 499-502.	0.3	7
36	Pressure Sensor Array Fabricated with Polyamino Acid. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2013, 26, 411-414.	0.3	7

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37	Transient Behavior of Mechanoluminescence from Europium Complex in Powder and in Polymer-Dispersed Film. <i>Molecular Crystals and Liquid Crystals</i> , 1998, 315, 269-274.	0.3	6
38	Structural and optical properties of distyrylbenzene derivative thin films. <i>Journal of Applied Physics</i> , 1999, 86, 6150-6154.	2.5	6
39	Optical Properties of Dispersion and Monolayer of Silver Nanoparticles. <i>Molecular Crystals and Liquid Crystals</i> , 1999, 337, 31-36.	0.3	6
40	Thermoluminescence of coral skeletons: a high-sensitivity proxy of diagenetic alteration of aragonite. <i>Scientific Reports</i> , 2017, 7, 17969.	3.3	6
41	Direct probing of charge carrier behavior in multilayered organic light-emitting diode devices by time-resolved electric-field-induced sum-frequency generation spectroscopy. <i>Applied Physics Express</i> , 2017, 10, 102101.	2.4	6
42	Strongly-directed emission from microcavity structure in electroluminescent diodes with europium complex as an emitter. <i>Synthetic Metals</i> , 1995, 71, 2099-2100.	3.9	5
43	Anisotropic Photoluminescence from Alq3 and TPD Films on Solid Substrates. <i>Molecular Crystals and Liquid Crystals</i> , 1996, 280, 379-384.	0.3	5
44	Printed Electrode for All-Printed Polymer Diode. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 04DK16.	1.5	4
45	Synthesis and enhancement of quantum efficiency of a series of novel PPV derivative copolymers. <i>Synthetic Metals</i> , 1999, 102, 1134-1135.	3.9	3
46	Frequency dependence of third-order nonlinear susceptibilities in polyarylenevinylene thin films. <i>Synthetic Metals</i> , 1992, 49, 131-139.	3.9	2
47	Low-voltage operation of the organic thin film transistor with a diagonal configuration. , 2003, 5217, 133.		2
48	Studies on dynamics of charge carrier in organic electroluminescent devices. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2008, 5, 3184-3186.	0.8	2
49	Organic Electroluminescent Devices. <i>Springer Series in Materials Science</i> , 1999, , 345-362.	0.6	2
50	Strong-coupled exciton and photon modes in conjugated-polymer-based microcavities. , 2003, , .		1
51	Time variation of source-drain current for organic field-effect transistors with dipoles of insulator surface. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2011, 8, 601-603.	0.8	1
52	Observation of thermoluminescence in crystalline tris(2-phenylpyridine) iridium microrods using a Fourier transform spectrometer. <i>Chemical Physics Letters</i> , 2014, 593, 31-34.	2.6	1
53	Work Function Controlled Zn:Cu Electrode for All-Printed Polymer Diode. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 02BK05.	1.5	1
54	Mechanoluminescence from an Organic Crystal. <i>Kobunshi</i> , 1999, 48, 143-143.	0.0	0

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55	Fabrication and Characterization of Orientation-Controlled Thin Films of Distyryl Benzene Derivatives. <i>Molecular Crystals and Liquid Crystals</i> , 1999, 327, 143-146.	0.3	0
56	Spectral Imaging for Electroluminescence Characterization of a Polymer-Blend Light-Emitting Diode. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 8670-8672.	1.5	0
57	Electroluminescence Spectral Imaging in Polymer Blend Light Emitting Diodes. <i>Materials Research Society Symposia Proceedings</i> , 2005, 871, 1.	0.1	0
58	Device characteristics of back channel-modified organic thin-film transistors. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2008, 5, 3178-3180.	0.8	0
59	Low Temperature Solution-Based Fabrications of Metal Oxide Semiconductor Films by Mechanical Sintering. <i>Materials Research Society Symposia Proceedings</i> , 2008, 1113, 1.	0.1	0
60	Silicon Oxide Composite Film Fabricated by Wet Process at Low Temperature as a Passivation Layer for Printable Electric Device. <i>Materials Research Society Symposia Proceedings</i> , 2008, 1113, 1.	0.1	0
61	Transient Electroluminescence in Organic Light-Emitting Diode with Optical Microcavity Structure. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 7356-7358.	1.5	0
62	Mechanical Sintering Techniques for Printed Electrodes with Various Work-function on a Plastic Substrate. <i>Materials Research Society Symposia Proceedings</i> , 2009, 1196, 34.	0.1	0
63	Development of SiO ₂ Dielectric Thin Film Prepared by the Low-temperature Solution Process. <i>Materials Research Society Symposia Proceedings</i> , 2009, 1196, 46.	0.1	0
64	P-171: A Novel Sensor for Simultaneously Monitoring the Composition and Thickness of Co-deposited Films During Co-deposition. <i>Digest of Technical Papers SID International Symposium</i> , 2011, 42, 1742-1745.	0.3	0
65	Printed metal electrode for flexible devices. <i>EPJ Applied Physics</i> , 2011, 55, 23906.	0.7	0
66	Short-time-scale threshold voltage shifts in organic field-effect transistors caused by dipoles on insulator surface. <i>Physics Procedia</i> , 2011, 14, 217-220.	1.2	0
67	Work Function Controlled Printed Metal Alloy Pattern Prepared by Using Pressure Annealing Technique. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1288, 1.	0.1	0
68	Work Function Controlled Zn:Cu Electrode for All-Printed Polymer Diode. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 02BK05.	1.5	0
69	Transient Drain Current Measurement for Polymer Transistor Containing Residual Bromine Atoms. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 081604.	1.5	0
70	Transient Drain Current Measurement for Polymer Transistor Containing Residual Bromine Atoms. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 081604.	1.5	0