

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	Thermoluminescence of coral skeletons: a high-sensitivity proxy of diagenetic alteration of aragonite. <i>Scientific Reports</i> , 2017, 7, 17969.	3.3	6
2	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
3	Phthalimide Compounds Containing a Trifluoromethylphenyl Group and Electron-Donating Aryl Groups: Color-Tuning and Enhancement of Triboluminescence. <i>Journal of Organic Chemistry</i> , 2016, 81, 433-441.	3.2	56
4	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
5	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
6	Analysis of chemiluminescence spectra in oxidative degradation of oleic acid. <i>Chemical Physics Letters</i> , 2013, 565, 138-142.	2.6	9
7	Progress in Emission Efficiency of Organic Light-Emitting Diodes: Basic Understanding and Its Technical Application. <i>Japanese Journal of Applied Physics</i> , 2013, 52, 110001.	1.5	32
8	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
9	Work Function Controlled Zn:Cu Electrode for All-Printed Polymer Diode. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 02BK05.	1.5	0
10	Crystal Structures and Triboluminescence Based on Trifluoromethyl and Pentafluorosulfanyl Substituted Asymmetric <i>N</i> -Phenyl Imide Compounds. <i>Chemistry of Materials</i> , 2012, 24, 671-676.	6.7	98
11	Work Function Controlled Zn:Cu Electrode for All-Printed Polymer Diode. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 02BK05.	1.5	1
12	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
13	Printed metal electrode for flexible devices. <i>EPJ Applied Physics</i> , 2011, 55, 23906.	0.7	0
14	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
15	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
16	Printed Electrode for All-Printed Polymer Diode. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 04DK16.	1.5	4
17	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
18	Transient Drain Current Measurement for Polymer Transistor Containing Residual Bromine Atoms. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 081604.	1.5	0

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19	Transient Drain Current Measurement for Polymer Transistor Containing Residual Bromine Atoms. Japanese Journal of Applied Physics, 2011, 50, 081604.	1.5	0
20	Development of Field-Effect Transistor-Type Photorewritable Memory Using Photochromic Interface Layer. Japanese Journal of Applied Physics, 2010, 49, 04DK09.	1.5	25
21	Mechanical Sintering Techniques for Printed Electrodes with Various Work-function on a Plastic Substrate. Materials Research Society Symposia Proceedings, 2009, 1196, 34.	0.1	0
22	Development of SiO ₂ Dielectric Thin Film Prepared by the Low-temperature Solution Process. Materials Research Society Symposia Proceedings, 2009, 1196, 46.	0.1	0
23	Device characteristics of back channel-modified organic thin-film transistors. Physica Status Solidi C: Current Topics in Solid State Physics, 2008, 5, 3178-3180.	0.8	0
24	Studies on dynamics of charge carrier in organic electroluminescent devices. Physica Status Solidi C: Current Topics in Solid State Physics, 2008, 5, 3184-3186.	0.8	2
25	Low Temperature Solution-Based Fabrications of Metal Oxide Semiconductor Films by Mechanical Sintering. Materials Research Society Symposia Proceedings, 2008, 1113, 1.	0.1	0
26	Silicon Oxide Composite Film Fabricated by Wet Process at Low Temperature as a Passivation Layer for Printable Electric Device. Materials Research Society Symposia Proceedings, 2008, 1113, 1.	0.1	0
27	Transient Electroluminescence in Organic Light-Emitting Diode with Optical Microcavity Structure. Japanese Journal of Applied Physics, 2008, 47, 7356-7358.	1.5	0
28	Influence of fine roughness of insulator surface on threshold voltage stability of organic field-effect transistors. Applied Physics Letters, 2008, 93, .	3.3	44
29	Threshold voltage stability of organic field-effect transistors for various chemical species in the insulator surface. Applied Physics Letters, 2007, 91, .	3.3	66
30	Spectral Imaging for Electroluminescence Characterization of a Polymer-Blend Light-Emitting Diode. Japanese Journal of Applied Physics, 2005, 44, 8670-8672.	1.5	0
31	Near-infrared electroluminescent devices using single-wall carbon nanotubes thin films. Applied Physics Letters, 2005, 87, 211914.	3.3	20
32	Electroluminescence Spectral Imaging in Polymer Blend Light Emitting Diodes. Materials Research Society Symposia Proceedings, 2005, 871, 1.	0.1	0
33	Electrode Effects of Organic Thin-Film Transistor with Top and Bottom Contact Configuration. Japanese Journal of Applied Physics, 2005, 44, 3715-3720.	1.5	13
34	Influence of moisture on device characteristics of polythiophene-based field-effect transistors. Journal of Applied Physics, 2004, 95, 5088-5093.	2.5	229
35	Photoresponsive organic electroluminescent devices. Journal of Photochemistry and Photobiology A: Chemistry, 2003, 158, 215-218.	3.9	9
36	Strong coupling in organic semiconductor microcavities. Semiconductor Science and Technology, 2003, 18, S419-S427.	2.0	42

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37	Polariton emission from polysilane-based organic microcavities. Applied Physics Letters, 2003, 82, 1812-1814.	3.3	71
38	Low-voltage operation of the organic thin film transistor with a diagonal configuration. , 2003, 5217, 133.		2
39	Strong-coupled exciton and photon modes in conjugated-polymer-based microcavities. , 2003, , .		1
40	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
41	Red electroluminescence of a europium complex dispersed in poly(N-vinylcarbazole). Thin Solid Films, 2002, 405, 224-227.	1.8	34
42	Relaxation behavior of electroluminescence from europium complex light emitting diodes. Synthetic Metals, 2001, 121, 1745-1746.	3.9	13
43	Organic Light-Emitting Diode with TiOPc Layer – A New Multifunctional Optoelectronic Device. Japanese Journal of Applied Physics, 2001, 40, L948-L951.	1.5	33
44	Photo- and Electroluminescence for TCNQ-amino Adducts. Molecular Crystals and Liquid Crystals, 2000, 349, 499-502.	0.3	7
45	Mechanoluminescence from piezoelectric crystals of an europium complex. Synthetic Metals, 2000, 111-112, 587-590.	3.9	26
46	Mechanoluminescence from an Organic Crystal. Kobunshi, 1999, 48, 143-143.	0.0	0
47	Structural and optical properties of distyrylbenzene derivative thin films. Journal of Applied Physics, 1999, 86, 6150-6154.	2.5	6
48	Fabrication and Characterization of Orientation-Controlled Thin Films of Distyryl Benzene Derivatives. Molecular Crystals and Liquid Crystals, 1999, 327, 143-146.	0.3	0
49	Optical Properties of Dispersion and Monolayer of Silver Nanoparticles. Molecular Crystals and Liquid Crystals, 1999, 337, 31-36.	0.3	6
50	Luminescence enhancement by blending PVK with blue PPV copolymer. Synthetic Metals, 1999, 102, 1132-1133.	3.9	10
51	Synthesis and enhancement of quantum efficiency of a series of novel PPV derivative copolymers. Synthetic Metals, 1999, 102, 1134-1135.	3.9	3
52	Bright green organic electroluminescent devices based on a novel thermally stable terbium complex. Synthetic Metals, 1999, 102, 1136-1137.	3.9	30
53	Organic Electroluminescent Devices. Springer Series in Materials Science, 1999, , 345-362.	0.6	2
54	Transient Behavior of Mechanoluminescence from Europium Complex in Powder and in Polymer-Dispersed Film. Molecular Crystals and Liquid Crystals, 1998, 315, 269-274.	0.3	6

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55	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
56	Intense Mechanoluminescence from Europium Tris(2-Thenoyltrifluoroacetone) Phenanthroline. Molecular Crystals and Liquid Crystals, 1997, 295, 71-74.	0.3	13
57	Mechanoluminescent properties of europium complexes. Synthetic Metals, 1997, 91, 351-354.	3.9	43
58	Anisotropic Photoluminescence from Alq3 and TPD Films on Solid Substrates. Molecular Crystals and Liquid Crystals, 1996, 280, 379-384.	0.3	5
59	Control of spontaneous emission using microcavity structures in organic electroluminescent devices. Synthetic Metals, 1995, 71, 2001-2004.	3.9	8
60	Strongly-directed emission from microcavity structure in electroluminescent diodes with europium complex as an emitter. Synthetic Metals, 1995, 71, 2099-2100.	3.9	5
61	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
62	Sharply directed emission in organic electroluminescent diodes with an optical microcavity structure. Applied Physics Letters, 1994, 65, 1868-1870.	3.3	185
63	Design of Organic Electroluminescent Materials and Devices. Molecular Crystals and Liquid Crystals, 1994, 253, 125-132.	0.3	10
64	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
65	<title>Progress in organic multilayer electroluminescent devices</title> ., 1993, , .		42
66	Spectroscopic investigation of the electro-optic nonlinearity in poly(2,5-thienylene vinylene). Journal of Applied Physics, 1992, 71, 1064-1066.	2.5	38
67	Frequency dependence of third-order nonlinear susceptibilities in polyarylenevinylene thin films. Synthetic Metals, 1992, 49, 131-139.	3.9	2
68	Spectra of $I_{\text{PL}}(3)$ ($\lambda_{\text{PL}}^{\text{max}}$; I_{PL} , I_{PL} , I_{PL}) in poly(2,5-dimethoxy p-phenylene vinylene) (MO-PPV) for various conversion levels. Chemical Physics Letters, 1991, 183, 534-538.	2.6	25
69	Spectra of $I_{\text{PL}}(3)$ ($\lambda_{\text{PL}}^{\text{max}}$; I_{PL} , I_{PL} , I_{PL}) in poly(2,5-thienylenevinylene) thin films with controlled conjugation lengths. Journal of Applied Physics, 1991, 70, 2915-2920.	2.5	13
70	Temporal Changes in Source-Drain Current for Organic Field-Effect Transistors Caused by Dipole on Insulator Surface. Applied Physics Express, 0, 1, 061801.	2.4	14