

Yasuko Koshiba

List of Publications by Year in descending order

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60
papers

501
citations

759233

12
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794594

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60
all docs

60
docs citations

60
times ranked

586
citing authors

#	ARTICLE	IF	CITATIONS
1	Multipoint detection of structural deformation of pulsating 3D heart model using flexible organic piezoelectric-sensor array. Japanese Journal of Applied Physics, 2022, 61, SE1014.	1.5	2
2	Decomposition of water over picene derivatives photocatalyst under visible light irradiation. Catalysis Today, 2022, . .	4.4	2
3	Bicyclic-ring base doping induces n-type conduction in carbon nanotubes with outstanding thermal stability in air. Nature Communications, 2022, 13, .	12.8	26
4	Formation mechanism of ferroelectric poly (vinylidene fluoride-trifluoroethylene) copolymers with in-plane dipole alignment under low electric field from melt and its SPR based pyroelectric sensor. Polymer, 2021, 228, 123904.	3.8	4
5	Anomalous n-type conversion of thermoelectric polarity in ionic hydrogels using PEDOT:PSS electrodes. Journal of Materials Chemistry C, 2021, 9, 15813-15819.	5.5	7
6	Directly monitoring and power generation from pulsating 3D heart model with organic flexible piezoelectric device. Japanese Journal of Applied Physics, 2020, 59, SDDF02.	1.5	4
7	Outstanding Electrode-Dependent Seebeck Coefficients in Ionic Hydrogels for Thermally Chargeable Supercapacitor near Room Temperature. ACS Applied Materials & Interfaces, 2020, 12, 43674-43683.	8.0	39
8	Thermophysical properties of the parylene C dimer under vacuum. Japanese Journal of Applied Physics, 2020, 59, SDDA15.	1.5	2
9	Thermoelectric thiophene dendrimers with large Seebeck coefficients. Molecular Systems Design and Engineering, 2020, 5, 809-814.	3.4	6
10	Characteristics of an infrared sensor formed with a few molecular layers of vinylidene fluoride oligomers with in situ poling during vacuum evaporation. Japanese Journal of Applied Physics, 2020, 59, SDDF01.	1.5	1
11	Preparation of poly(3,4-ethylenedioxythiophene) by vapor-phase polymerization at the interface between 3,4-ethylenedioxythiophene vapor and oxidant melt. Molecular Crystals and Liquid Crystals, 2019, 688, 53-59.	0.9	2
12	High hardness and low dielectric constant thin films with oriented urea oligomers by physical vapor deposition. Journal of Materials Science, 2019, 54, 2483-2492.	3.7	4
13	Fabrication and characterization of elastomeric semiconductive thiophene polymers by peroxide crosslinking. Polymer Journal, 2019, 51, 257-263.	2.7	8
14	Improving the light-emitting properties of single-layered polyfluorene light-emitting devices by simple ionic liquid blending. Japanese Journal of Applied Physics, 2018, 57, 03EH02.	1.5	1
15	Surface modification and effects of organic ferroelectrics with blending hyperbranched polymer. Japanese Journal of Applied Physics, 2018, 57, 03EG02.	1.5	1
16	Anomalous piezoelectric properties of poly(vinylidene fluoride-trifluoroethylene)/ionic liquid gels. Japanese Journal of Applied Physics, 2018, 57, 04FL06.	1.5	8
17	Hydrogen production for photocatalytic decomposition of water with urea as a reducing agent. Catalysis Today, 2018, 307, 231-236.	4.4	7
18	Photoinduced charge-carrier modulation of inkjet-printed carbon nanotubes via poly(vinyl acetate) doping and dedoping for thermoelectric generators. Chemical Physics Letters, 2018, 691, 219-223.	2.6	6

#	ARTICLE	IF	CITATIONS
19	Thermodynamics of ionic liquid evaporation under vacuum. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 21262-21268.	2.8	15
20	Thermodynamics and kinetics of polyoxyethylene alkyl ether evaporation from inkjet-printed carbon nanotube thin films by vacuum annealing. <i>Flexible and Printed Electronics</i> , 2018, 3, 025006.	2.7	1
21	In situ Monitoring of Vapor-phase Polymerization and Characterization of Poly(3,4-ethylenedioxythiophene) Thin Films. <i>Sensors and Materials</i> , 2018, 30, 2873.	0.5	3
22	Piezoelectric vibration energy harvesters with stretched and multistacked organic ferroelectric films. <i>Japanese Journal of Applied Physics</i> , 2017, 56, 04CL04.	1.5	8
23	Highly stable n-type thermoelectric materials fabricated <i>via</i> electron doping into inkjet-printed carbon nanotubes using oxygen-abundant simple polymers. <i>Molecular Systems Design and Engineering</i> , 2017, 2, 616-623.	3.4	36
24	Vibration energy harvester with piezoelectric properties using polyurea thin films. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 653, 188-193.	0.9	6
25	Nanorod growth of copper phthalocyanine on fluorinated phosphonic acid SAM-modified indium tin oxide substrate for organic photovoltaic devices. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 653, 157-163.	0.9	2
26	Enhanced thermoelectric power of single-wall carbon nanotube film blended with ionic liquid. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 03DC01.	1.5	9
27	Application of picene thin-film semiconductor as a photocatalyst for photocatalytic hydrogen formation from water. <i>Applied Catalysis B: Environmental</i> , 2016, 192, 88-92.	20.2	12
28	Unique Morphology and Optical Properties of Tris(8-hydroxyquinoline)aluminum Crystal Grown by Ionic Liquid-assisted Vacuum Vapor Deposition. <i>Chemistry Letters</i> , 2016, 45, 1156-1158.	1.3	8
29	Electroluminescence from the Microphase-separated Structure of Blended Films with a Light-emitting Polymer and an Ionic Liquid. <i>Chemistry Letters</i> , 2016, 45, 259-261.	1.3	0
30	Polarity tuning of single-walled carbon nanotube by dipole field of ferroelectric polymer for thermoelectric conversion. <i>Applied Physics Express</i> , 2016, 9, 081301.	2.4	9
31	Synthesis and nanorod growth of n-type phthalocyanine on ultrathin metal films by chemical vapor deposition. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 03DD07.	1.5	4
32	Thermal stability of piezoelectric properties and infrared sensor performance of spin-coated polyurea thin films. <i>Applied Physics Express</i> , 2015, 8, 101501.	2.4	11
33	In-plane polarization switching of highly crystalline vinylidene fluoride oligomer thin films. <i>Applied Physics Express</i> , 2015, 8, 111601.	2.4	3
34	Structural and electrical characterization of spin-coated polyurea thin films. <i>Polymer</i> , 2015, 79, 128-134.	3.8	11
35	Polyurea spin-coated thin films: Pyro- and piezoelectric properties and application to infrared sensors. <i>Japanese Journal of Applied Physics</i> , 2015, 54, 04DK13.	1.5	9
36	Electrical properties of ferroelectric liquid crystals during thermal phase transition. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 01AE07.	1.5	1

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37	Photovoltaic properties of organic solar cell with octafluorophthalocyanine as electron acceptors. Japanese Journal of Applied Physics, 2014, 53, 01AB04.	1.5	5
38	Crystal growth of rubrene in ionic liquids by vacuum vapor deposition. Japanese Journal of Applied Physics, 2014, 53, 05FT03.	1.5	12
39	Uniaxially aligned nucleation of vinylidene fluoride oligomer single-crystals on highly ordered ultrathin films of poly(vinylidene fluoride-trifluoroethylene) copolymer. Materials Letters, 2013, 105, 227-231.	2.6	1
40	Fabrication and semiconducting properties of monodisperse n-type phthalocyanine nanograss. Thin Solid Films, 2013, 531, 513-518.	1.8	6
41	Pyroelectric Response of Submicron Free-Standing Poly(vinylidene fluoride/trifluoroethylene) Copolymer Thin Films. Applied Physics Express, 2013, 6, 021601.	2.4	24
42	Structural and Ferroelectric Characterization of Uniaxially Oriented Vinylidene Fluoride Oligomer Thin Films. Japanese Journal of Applied Physics, 2012, 51, 04DK05.	1.5	0
43	Synthesis, characterization, photo-induced alignment, and surface orientation of poly(9,9-dioctylfluorene- <i>alt</i> -azobenzene)s. Journal of Polymer Science Part A, 2012, 50, 5107-5114.	2.3	27
44	Structural and Ferroelectric Characterization of Uniaxially Oriented Vinylidene Fluoride Oligomer Thin Films. Japanese Journal of Applied Physics, 2012, 51, 04DK05.	1.5	3
45	In-plane Orientation of Fluorescent Molecules in Friction-transferred Films. Chemistry Letters, 2011, 40, 1288-1289.	1.3	1
46	Organic solvent based TiO ₂ dispersion paste for dye-sensitized solar cells prepared by industrial production level procedure. Journal of Materials Science, 2011, 46, 1341-1350.	3.7	27
47	Crystalline thin films of β -phase poly(9,9-dioctylfluorene). Thin Solid Films, 2011, 519, 2247-2250.	1.8	16
48	Current-voltage characteristics of organic photovoltaic cells following deposition of cathode electrode. Applied Physics Letters, 2010, 97, 193307.	3.3	3
49	Fabrication of One-Dimensionally Oriented Fluorene- <i>alt</i> -Thiophene Copolymer Thin Films and Anisotropic Transistor Characteristics. Japanese Journal of Applied Physics, 2010, 49, 01AE13.	1.5	3
50	Fabrication and optical properties of photochromic compound/clay hybrid films. Thin Solid Films, 2009, 518, 651-655.	1.8	16
51	Photo-induced alignment behavior of azobenzene compound in thin film. Thin Solid Films, 2009, 518, 805-809.	1.8	18
52	Structural change of polydiacetylene Langmuir film during compression process. Thin Solid Films, 2009, 518, 819-823.	1.8	3
53	Photo-induced molecular alignment of azo dye derivative. Thin Solid Films, 2008, 516, 2686-2690.	1.8	6
54	Reversible coloring/decoupling reaction of leuco dye controlled by long-chain molecule. Thin Solid Films, 2008, 516, 2591-2594.	1.8	36

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55	Self-Alignment of Liquid Crystal Molecules on Polydiacetylene Langmuir-Blodgett Films. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 464, 119/[701]-126/[708].	0.9	5
56	Formation of Metal-free J-aggregates in Merocyanine/Spiropyran Mixed Langmuir-Blodgett Film. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 472, 123/[513]-130/[520].	0.9	1
57	Formation of Circuit Pattern on Liquid-Crystalline Polymer Film by Electroless Copper Plating. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 464, 187/[769]-194/[776].	0.9	2
58	J-Aggregate Formation of Spiropyran Derivatives in LB and Vapor-Deposited Thin Films. <i>Molecular Crystals and Liquid Crystals</i> , 2006, 445, 17/[307]-26/[316].	0.9	4
59	Molecular Rearrangement and Optical Property Changes of p-Sexiphenyl Vacuum-Deposited Film Induced by Rubbing. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 4088-4091.	1.5	4
60	Normal alkane evaporation under vacuum: chain-length dependency and distillation from binary systems. <i>Japanese Journal of Applied Physics</i> , 0, , .	1.5	0