

Yasuko Koshiba

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1047630/publications.pdf>

Version: 2024-02-01

60
papers

501
citations

759233

12
h-index

794594

19
g-index

60
all docs

60
docs citations

60
times ranked

586
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Reversible coloring/decoding reaction of leuco dye controlled by long-chain molecule. Thin Solid Films, 2008, 516, 2591-2594.	1.8	36
3	Highly stable n-type thermoelectric materials fabricated <i>via</i> electron doping into inkjet-printed carbon nanotubes using oxygen-abundant simple polymers. Molecular Systems Design and Engineering, 2017, 2, 616-623.	3.4	36
4	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
5	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
6	Bicyclic-ring base doping induces n-type conduction in carbon nanotubes with outstanding thermal stability in air. Nature Communications, 2022, 13, .	12.8	26
7	Pyroelectric Response of Submicron Free-Standing Poly(vinylidene fluoride/trifluoroethylene) Copolymer Thin Films. Applied Physics Express, 2013, 6, 021601.	2.4	24
8	Photo-induced alignment behavior of azobenzene compound in thin film. Thin Solid Films, 2009, 518, 805-809.	1.8	18
9	Fabrication and optical properties of photochromic compound/clay hybrid films. Thin Solid Films, 2009, 518, 651-655.	1.8	16
10	Crystalline thin films of β -phase poly(9,9-dioctylfluorene). Thin Solid Films, 2011, 519, 2247-2250.	1.8	16
11	Thermodynamics of ionic liquid evaporation under vacuum. Physical Chemistry Chemical Physics, 2018, 20, 21262-21268.	2.8	15
12	Crystal growth of rubrene in ionic liquids by vacuum vapor deposition. Japanese Journal of Applied Physics, 2014, 53, 05FT03.	1.5	12
13	Application of picene thin-film semiconductor as a photocatalyst for photocatalytic hydrogen formation from water. Applied Catalysis B: Environmental, 2016, 192, 88-92.	20.2	12
14	Thermal stability of piezoelectric properties and infrared sensor performance of spin-coated polyurea thin films. Applied Physics Express, 2015, 8, 101501.	2.4	11
15	Structural and electrical characterization of spin-coated polyurea thin films. Polymer, 2015, 79, 128-134.	3.8	11
16	Polyurea spin-coated thin films: Pyro- and piezoelectric properties and application to infrared sensors. Japanese Journal of Applied Physics, 2015, 54, 04DK13.	1.5	9
17	Enhanced thermoelectric power of single-wall carbon nanotube film blended with ionic liquid. Japanese Journal of Applied Physics, 2016, 55, 03DC01.	1.5	9
18	Polarity tuning of single-walled carbon nanotube by dipole field of ferroelectric polymer for thermoelectric conversion. Applied Physics Express, 2016, 9, 081301.	2.4	9

#	ARTICLE	IF	CITATIONS
19	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
20	Piezoelectric vibration energy harvesters with stretched and multistacked organic ferroelectric films. <i>Japanese Journal of Applied Physics</i> , 2017, 56, 04CL04.	1.5	8
21	Anomalous piezoelectric properties of poly(vinylidene fluoride-trifluoroethylene)/ionic liquid gels. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 04FL06.	1.5	8
22	Fabrication and characterization of elastomeric semiconductive thiophene polymers by peroxide crosslinking. <i>Polymer Journal</i> , 2019, 51, 257-263.	2.7	8
23	Hydrogen production for photocatalytic decomposition of water with urea as a reducing agent. <i>Catalysis Today</i> , 2018, 307, 231-236.	4.4	7
24	Anomalous n-type conversion of thermoelectric polarity in ionic hydrogels using PEDOT:PSS electrodes. <i>Journal of Materials Chemistry C</i> , 2021, 9, 15813-15819.	5.5	7
25	Photo-induced molecular alignment of azo dye derivative. <i>Thin Solid Films</i> , 2008, 516, 2686-2690.	1.8	6
26	Fabrication and semiconducting properties of monodisperse n-type phthalocyanine nanogress. <i>Thin Solid Films</i> , 2013, 531, 513-518.	1.8	6
27	Vibration energy harvester with piezoelectric properties using polyurea thin films. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 653, 188-193.	0.9	6
28	Photoinduced charge-carrier modulation of inkjet-printed carbon nanotubes via poly(vinyl acetate) doping and dedoping for thermoelectric generators. <i>Chemical Physics Letters</i> , 2018, 691, 219-223.	2.6	6
29	Thermoelectric thiophene dendrimers with large Seebeck coefficients. <i>Molecular Systems Design and Engineering</i> , 2020, 5, 809-814.	3.4	6
30	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
31	Photovoltaic properties of organic solar cell with octafluorophthalocyanine as electron acceptors. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 01AB04.	1.5	5
32	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
33	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
34	High hardness and low dielectric constant thin films with oriented urea oligomers by physical vapor deposition. <i>Journal of Materials Science</i> , 2019, 54, 2483-2492.	3.7	4
35	Directly monitoring and power generation from pulsating 3D heart model with organic flexible piezoelectric device. <i>Japanese Journal of Applied Physics</i> , 2020, 59, SDDF02.	1.5	4
36	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. <i>Polymer</i> , 2021, 228, 123904.	3.8	4

#	ARTICLE	IF	CITATIONS
37	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
38	Structural change of polydiacetylene Langmuir film during compression process. <i>Thin Solid Films</i> , 2009, 518, 819-823.	1.8	3
39	Current-voltage characteristics of organic photovoltaic cells following deposition of cathode electrode. <i>Applied Physics Letters</i> , 2010, 97, 193307.	3.3	3
40	Fabrication of One-Dimensionally Oriented Fluorene- θ -Thiophene Copolymer Thin Films and Anisotropic Transistor Characteristics. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 01AE13.	1.5	3
41	In-plane polarization switching of highly crystalline vinylidene fluoride oligomer thin films. <i>Applied Physics Express</i> , 2015, 8, 111601.	2.4	3
42	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
43	Structural and Ferroelectric Characterization of Uniaxially Oriented Vinylidene Fluoride Oligomer Thin Films. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 04DK05.	1.5	3
44	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
45	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
46	Preparation of poly(3,4-ethylenedioxythiophene) by vapor-phase polymerization at the interface between 3,4-ethylenedioxythiophene vapor and oxidant melt. <i>Molecular Crystals and Liquid Crystals</i> , 2019, 688, 53-59.	0.9	2
47	Thermophysical properties of the parylene C dimer under vacuum. <i>Japanese Journal of Applied Physics</i> , 2020, 59, SDDA15.	1.5	2
48	Multipoint detection of structural deformation of pulsating 3D heart model using flexible organic piezoelectric-sensor array. <i>Japanese Journal of Applied Physics</i> , 2022, 61, SE1014.	1.5	2
49	Decomposition of water over picene derivatives photocatalyst under visible light irradiation. <i>Catalysis Today</i> , 2022, , .	4.4	2
50	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
51	In-plane Orientation of Fluorescent Molecules in Friction-transferred Films. <i>Chemistry Letters</i> , 2011, 40, 1288-1289.	1.3	1
52	Uniaxially aligned nucleation of vinylidene fluoride oligomer single-crystals on highly ordered ultrathin films of poly(vinylidene fluoride-trifluoroethylene) copolymer. <i>Materials Letters</i> , 2013, 105, 227-231.	2.6	1
53	Electrical properties of ferroelectric liquid crystals during thermal phase transition. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 01AE07.	1.5	1
54	Improving the light-emitting properties of single-layered polyfluorene light-emitting devices by simple ionic liquid blending. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 03EH02.	1.5	1

#	ARTICLE	IF	CITATIONS
55	Surface modification and effects of organic ferroelectrics with blending hyperbranched polymer. Japanese Journal of Applied Physics, 2018, 57, 03EG02.	1.5	1
56	Thermodynamics and kinetics of polyoxyethylene alkyl ether evaporation from inkjet-printed carbon nanotube thin films by vacuum annealing. Flexible and Printed Electronics, 2018, 3, 025006.	2.7	1
57	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
58	Structural and Ferroelectric Characterization of Uniaxially Oriented Vinylidene Fluoride Oligomer Thin Films. Japanese Journal of Applied Physics, 2012, 51, 04DK05.	1.5	0
59	Electroluminescence from the Microphase-separated Structure of Blended Films with a Light-emitting Polymer and an Ionic Liquid. Chemistry Letters, 2016, 45, 259-261.	1.3	0
60	Normal alkane evaporation under vacuum: chain-length dependency and distillation from binary systems. Japanese Journal of Applied Physics, 0, , .	1.5	0