

Youngson Choe

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2172472/publications.pdf>

Version: 2024-02-01

126
papers

1,969
citations

218381

26
h-index

315357

38
g-index

126
all docs

126
docs citations

126
times ranked

1870
citing authors

#	ARTICLE	IF	CITATIONS
1	Adenine-Based Zn(II)/Cd(II) Metal-Organic Frameworks as Efficient Heterogeneous Catalysts for Facile CO ₂ Fixation into Cyclic Carbonates: A DFT-Supported Study of the Reaction Mechanism. <i>Inorganic Chemistry</i> , 2019, 58, 11389-11403.	1.9	92
2	Enhanced photovoltaic performance of quantum dot-sensitized solar cells with a progressive reduction of recombination using Cu-doped CdS quantum dots. <i>Applied Surface Science</i> , 2017, 396, 582-589.	3.1	67
3	Utilization of a phenanthroimidazole based fluorophore in light-emitting electrochemical cells. <i>Journal of Materials Chemistry C</i> , 2015, 3, 4683-4687.	2.7	63
4	Ionic-Liquid-Functionalized UiO-66 Framework: An Experimental and Theoretical Study on the Cycloaddition of CO ₂ and Epoxides. <i>ChemSusChem</i> , 2019, 12, 1033-1042.	3.6	61
5	Host-Dopant System To Generate Bright Electroluminescence from Small Organic Molecule Functionalized Light-Emitting Electrochemical Cells. <i>Journal of Physical Chemistry C</i> , 2016, 120, 12207-12217.	1.5	59
6	Multi-variate metal organic framework as efficient catalyst for the cycloaddition of CO ₂ and epoxides in a gas-liquid-solid reactor. <i>Chemical Engineering Journal</i> , 2020, 386, 121700.	6.6	56
7	Water-Tolerant DUT-Series Metal-Organic Frameworks: A Theoretical-Experimental Study for the Chemical Fixation of CO ₂ and Catalytic Transfer Hydrogenation of Ethyl Levulinate to β -Valerolactone. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 41458-41471.	4.0	55
8	Constructive Effects of Long Alkyl Chains on the Electroluminescent Properties of Cationic Iridium Complex-Based Light-Emitting Electrochemical Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 17416-17425.	4.0	54
9	Small Molecules in Light-Emitting Electrochemical Cells: Promising Light-Emitting Materials. <i>Advanced Functional Materials</i> , 2020, 30, 1907126.	7.8	53
10	Phenanthroimidazole Derivative as an Easily Accessible Emitter for Non-Doped Light-Emitting Electrochemical Cells. <i>Journal of Physical Chemistry C</i> , 2015, 119, 23676-23684.	1.5	51
11	Green and blue-green light-emitting electrochemical cells based on cationic iridium complexes with 2-(4-ethyl-2-pyridyl)-1H-imidazole ancillary ligand. <i>Organic Electronics</i> , 2014, 15, 667-674.	1.4	50
12	Blue and Blue-Green Light-Emitting Cationic Iridium Complexes: Synthesis, Characterization, and Optoelectronic Properties. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 7741-7751.	4.0	50
13	Green Electroluminescence from Charged Phenothiazine Derivative. <i>Journal of Physical Chemistry C</i> , 2016, 120, 20247-20253.	1.5	44
14	Performance of ionic liquid as catalysts in the synthesis of dimethyl carbonate from ethylene carbonate and methanol. <i>Reaction Kinetics and Catalysis Letters</i> , 2007, 90, 3-9.	0.6	43
15	Defect-engineered MOF-801 for cycloaddition of CO ₂ with epoxides. <i>Journal of Materials Chemistry A</i> , 2022, 10, 10051-10061.	5.2	42
16	Synthesis and photophysical characterization of an ionic fluorene derivative for blue light-emitting electrochemical cells. <i>Organic Electronics</i> , 2015, 24, 297-302.	1.4	40
17	Non-doped deep blue light-emitting electrochemical cells from charged organic small molecules. <i>RSC Advances</i> , 2016, 6, 28912-28918.	1.7	37
18	Molecular Tailoring of Poly(styrene- <i>b</i> -methyl methacrylate) Block Copolymer Toward Perpendicularly Oriented Nanodomains with Sub-10 nm Features. <i>ACS Macro Letters</i> , 2017, 6, 1386-1391.	2.3	37

#	ARTICLE	IF	CITATIONS
19	Enhancement of Magnetoelectric Conversion Achieved by Optimization of Interfacial Adhesion Layer in Laminate Composites. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 32323-32330.	4.0	37
20	Highly luminescent yellow and yellowish-green light-emitting electrochemical cells based on cationic iridium complexes with phenanthroline based ancillary ligands. <i>Optical Materials</i> , 2013, 35, 407-413.	1.7	31
21	Optoelectronic properties of green and yellow light-emitting electrochemical cells based on cationic iridium complexes. <i>Polyhedron</i> , 2013, 57, 77-82.	1.0	30
22	Synthesis of heteroleptic iridium complexes with sterically hindered methyl groups on pyrazole ligands for efficient yellow and green light-emitting electrochemical cells. <i>Dyes and Pigments</i> , 2016, 128, 190-200.	2.0	28
23	Influence of a stacked-CuPc layer on the performance of organic light-emitting diodes. <i>Macromolecular Research</i> , 2006, 14, 38-44.	1.0	27
24	Cycloaddition of carbon dioxide to epichlorohydrin using ionic liquid as a catalyst. <i>Korean Journal of Chemical Engineering</i> , 2007, 24, 547-550.	1.2	27
25	Fabrication of hierarchically porous MIL-88-NH ₂ (Fe): a highly efficient catalyst for the chemical fixation of CO ₂ under ambient pressure. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 3613-3620.	3.0	27
26	Effect of ionic liquids on the electroluminescence of yellowish-green light-emitting electrochemical cells using bis(2-(2,4-difluorophenyl)pyridine)4,7-diphenyl-1,10-phenanthroline-iridium(III) hexafluorophosphate. <i>Materials Chemistry and Physics</i> , 2012, 136, 173-178.	2.0	26
27	Aggregation induced emission small molecules for blue light-emitting electrochemical cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 374, 10-15.	2.0	25
28	Copolymerization of phenyl glycidyl ether with carbon dioxide catalyzed by ionic liquids. <i>Korean Journal of Chemical Engineering</i> , 2005, 22, 556-559.	1.2	23
29	Improving the efficiency of quantum-dot-sensitized solar cells by optimizing the growth time of the CuS counter electrode. <i>Applied Surface Science</i> , 2017, 416, 446-453.	3.1	23
30	Enhanced light absorption and charge recombination control in quantum dot sensitized solar cells using tin doped cadmium sulfide quantum dots. <i>Journal of Colloid and Interface Science</i> , 2019, 534, 291-300.	5.0	21
31	Electroluminescent properties of yellow light-emitting electrochemical cells based on a cationic iridium complex and the effect of ionic liquids incorporation in an active layer. <i>Thin Solid Films</i> , 2013, 531, 530-534.	0.8	20
32	Perpendicularly Oriented Block Copolymer Thin Films Induced by Neutral Star Copolymer Nanoparticles. <i>ACS Macro Letters</i> , 2015, 4, 133-137.	2.3	20
33	Blue Light-Emitting Electrochemical Cells Based on Angularly Structured Phenanthroimidazole Derivatives. <i>Journal of Physical Chemistry C</i> , 2017, 121, 14811-14818.	1.5	20
34	Phenothiazine based blue emitter for light-emitting electrochemical cells. <i>New Journal of Chemistry</i> , 2017, 41, 9668-9673.	1.4	20
35	Architectural Effects of Organic Nanoparticles on Block Copolymer Orientation. <i>Macromolecules</i> , 2017, 50, 5025-5032.	2.2	20
36	In situ detection of the onset of phase separation and gelation in epoxy/anhydride/thermoplastic blends. <i>Macromolecular Research</i> , 2003, 11, 267-272.	1.0	19

#	ARTICLE	IF	CITATIONS
37	Synthesis and characterization of cationic iridium complexes for the fabrication of green and yellow light-emitting devices. <i>Materials Chemistry and Physics</i> , 2015, 156, 206-213.	2.0	19
38	Phenothiazine derivatives as an easily accessible emitter for green light-emitting electrochemical cells. <i>Journal of Luminescence</i> , 2018, 197, 383-388.	1.5	18
39	Scalable ambient synthesis of water-soluble poly(β -hydroxythioether)s. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3381-3386.	2.5	17
40	Adhesion Behavior of Catechol-Incorporated Silicone Elastomer on Metal Surface. <i>ACS Applied Polymer Materials</i> , 2020, 2, 2444-2451.	2.0	17
41	H ₃ PO ₄ treated surface modified CuS counter electrodes with high electrocatalytic activity for enhancing photovoltaic performance of quantum dot-sensitized solar cells. <i>Applied Surface Science</i> , 2018, 440, 1022-1026.	3.1	16
42	Red-light-emitting electrochemical cells based on cationic iridium complexes with phenanthroimidazole-type ancillary ligand. <i>Organic Electronics</i> , 2018, 54, 167-176.	1.4	15
43	Characterization of cure reactions of anhydride/epoxy/polyetherimide blends. <i>Polymer International</i> , 2002, 51, 1353-1360.	1.6	14
44	Three-Dimensional Multilayered Nanostructures from Crosslinkable Block Copolymers. <i>ACS Macro Letters</i> , 2016, 5, 287-291.	2.3	14
45	Carbazole based ionic small molecule emitter for non-doped light-emitting electrochemical cells. <i>Organic Electronics</i> , 2019, 67, 141-145.	1.4	14
46	Utilization of novel phenanthrene-imidazole-based ionic small molecules for blue light-emitting electrochemical cells. <i>Journal of Materials Chemistry C</i> , 2020, 8, 4580-4587.	2.7	14
47	Interactions between brush-grafted nanoparticles within chemically identical homopolymers: the effect of brush polydispersity. <i>Soft Matter</i> , 2018, 14, 1026-1042.	1.2	13
48	Influence of residual impurities on ring-opening metathesis polymerization after copper(I)-catalyzed alkyne-azide cycloaddition click reaction. <i>Journal of Polymer Science Part A</i> , 2019, 57, 726-737.	2.5	13
49	Prediction of Lap Shear Strength and Impact Peel Strength of Epoxy Adhesive by Machine Learning Approach. <i>Nanomaterials</i> , 2021, 11, 872.	1.9	13
50	Single Step Process for Self-Assembled Block Copolymer Patterns via in Situ Annealing during Spin-Casting. <i>ACS Macro Letters</i> , 2015, 4, 656-660.	2.3	12
51	Improved photovoltaic performance of quantum dot-sensitized solar cells based on highly electrocatalytic Cu-doped CuS counter electrodes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 358, 177-185.	2.0	12
52	Control of the interfacial charge transfer resistance to improve the performance of quantum dot sensitized solar cells with highly electrocatalytic Cu-doped SnS counter electrodes. <i>Applied Surface Science</i> , 2020, 508, 145297.	3.1	12
53	Improving Efficiency of Organic Photovoltaic Cells Using PEDOT:PSS and MWCNT Nanocomposites as a Hole Conducting Layer. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2010, 47, 484-490.	1.2	11
54	Preparations of iridium complexes containing phenanthroline ancillary ligands and electrical properties of cationic iridium-based light-emitting electrochemical cells. <i>Surface and Interface Analysis</i> , 2012, 44, 1479-1482.	0.8	11

#	ARTICLE	IF	CITATIONS
55	The effect of chain architecture on the phase behavior of A ₄ B ₄ miktoarm block copolymers. <i>Polymer Chemistry</i> , 2019, 10, 3079-3087.	1.9	11
56	Hydrothermal synthesis of novel two-dimensional $\hat{\Gamma}$ -quartz nanoplates and their applications in energy-saving, high-efficiency, microalgal biorefineries. <i>Chemical Engineering Journal</i> , 2021, 413, 127467.	6.6	11
57	Surface modification of CuS counter electrodes by hydrohalic acid treatment for improving interfacial charge transfer in quantum-dot-sensitized solar cells. <i>Journal of Colloid and Interface Science</i> , 2021, 595, 15-24.	5.0	11
58	Effect of Smaller Counter Anion, BF ₄ ⁻ , on the Electroluminescent Properties of Cationic Iridium Complex Based Light-Emitting Electrochemical Cells. <i>Molecular Crystals and Liquid Crystals</i> , 2013, 584, 131-138.	0.4	10
59	Light-emitting properties of cationic iridium complexes containing phenanthroline based ancillary ligand with blue-green and green emission colors. <i>Optical Materials</i> , 2015, 39, 40-45.	1.7	10
60	Controlling the microdomain orientation in block copolymer thin films via cross-linkable random copolymer neutral layer. <i>Polymer Journal</i> , 2016, 48, 333-340.	1.3	10
61	Novel Triazine-Based Donor-Acceptor Ionic Green Emitters for Nondoped Light-Emitting Electrochemical Cells. <i>Journal of Physical Chemistry C</i> , 2020, 124, 19273-19281.	1.5	10
62	Thenil and furil-imidazole-based efficient ionic green emitters with high color purity for non-doped light-emitting electrochemical cells. <i>Journal of Materials Chemistry C</i> , 2021, 9, 8265-8273.	2.7	10
63	Electroluminescent Properties of LECs Based on Ionic Transition Metal Complexes Using Tetrazole-Based Ancillary Ligand. <i>Journal of Solution Chemistry</i> , 2014, 43, 1710-1721.	0.6	9
64	Combined epitaxial self-assembly of block copolymer lamellae on a hexagonal pre-pattern within microgrooves. <i>Soft Matter</i> , 2015, 11, 4242-4250.	1.2	9
65	Addressing the mid-point of polymer chains for multiple functionalization purposes through sequential thiol-epoxy "click" and esterification reactions. <i>RSC Advances</i> , 2017, 7, 19439-19447.	1.7	9
66	Microstructural Characteristics and m23c6 Precipitate Behavior of the Course-Grained Heat-Affected Zone of T23 Steel without Post-Weld Heat Treatment. <i>Metals</i> , 2018, 8, 170.	1.0	9
67	Bright and Efficient Red Light-Emitting Electrochemical Cells with Nondoped Organic Small Molecules: A New Approach. <i>ACS Photonics</i> , 2022, 9, 203-210.	3.2	9
68	Cure reactions of epoxy/anhydride/(polyamide copolymer) blends. <i>Macromolecular Research</i> , 2002, 10, 259-265.	1.0	8
69	Estimating diffusion-controlled reaction parameters in photoinitiated polymerization of dimethacrylate macromonomers. <i>Macromolecular Research</i> , 2003, 11, 311-316.	1.0	8
70	Cure kinetics and mechanical properties of the blend system of epoxy/diaminodiphenyl sulfone and amine terminated polyetherimide-carboxyl terminated poly(butadiene-co-acrylonitrile) block copolymer. <i>Korean Journal of Chemical Engineering</i> , 2005, 22, 755-761.	1.2	8
71	Iridium-based light-emitting electrochemical cells containing ionic liquids in the luminous layer. <i>Materials Research Bulletin</i> , 2012, 47, 2807-2810.	2.7	8
72	Enhanced performance of organic electroluminescence diodes with a 2-TNATA:C60 hole injection layer. <i>Journal of Industrial and Engineering Chemistry</i> , 2009, 15, 752-757.	2.9	7

#	ARTICLE	IF	CITATIONS
73	Blue-light emitting electrochemical cells comprising pyrene-imidazole derivatives. <i>Optical Materials</i> , 2018, 78, 44-51.	1.7	7
74	Balancing antimicrobial performance with hemocompatibility in amphiphilic homopolymers. <i>Journal of Polymer Science Part A</i> , 2018, 56, 2391-2396.	2.5	7
75	A catalytic approach of blending CO ₂ -activating MOF struts for cycloaddition reaction in a helically interlaced Cu(II) amino acid imidazolate framework: DFT-corroborated investigation. <i>Research on Chemical Intermediates</i> , 2021, 47, 3979-3997.	1.3	7
76	Performance of ionic liquid as catalyst in the copolymerization of phenyl glycidyl ether with carbon dioxide. <i>Reaction Kinetics and Catalysis Letters</i> , 2006, 89, 149-156.	0.6	6
77	Photophysical, electrochemical, and quantum chemical properties of cationic iridium complexes with tunable emission color. <i>Journal of Electroanalytical Chemistry</i> , 2016, 780, 249-256.	1.9	6
78	Introduction of heterocyclic ring to phenanthroimidazole moiety for efficient blue emitting ionic small molecule LECs. <i>Organic Electronics</i> , 2020, 87, 105939.	1.4	6
79	Novel Thenil-Based Ionic Small Molecules for Nondoped Light-Emitting Electrochemical Cells for Ultrapure Green Emission. <i>Journal of Physical Chemistry C</i> , 2021, 125, 17993-18001.	1.5	6
80	Preferential killing of bacterial cells by surface-modified organosilane-treated ZnO quantum dots synthesized through a co-precipitation method. <i>New Journal of Chemistry</i> , 2021, 45, 12986-12995.	1.4	6
81	Raman Spectra and Current-Voltage Characteristics of 4,4'-bis(4-ethyl-4'-oxyphenyl)-2,2',2''-tris(2-naphthylphenylamino)triphenylamine Thin Films. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 498, 183-192.	0.4	5
82	Mechanical Properties of Core-Shell Rubber (CSR)/Diallyl Phthalate (DAP)/Epoxy Systems for Electronic Packaging Materials. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 539, 190/[530]-195/[535].	0.4	5
83	Impact Optimized Performance of Epoxy/ Polyamide/CSR(Core Shell Rubber)/Anhydride Blends at Low Temperature. <i>Molecular Crystals and Liquid Crystals</i> , 2013, 579, 55-61.	0.4	5
84	Fabrication of efficient light-emitting electrochemical cells utilizing thiazole- and pyridine-based cationic iridium complexes. <i>Electrochimica Acta</i> , 2016, 195, 112-123.	2.6	5
85	Catalytic Performance of CPM-200-In/Mg in the Cycloaddition of CO ₂ and Epoxides. <i>Catalysts</i> , 2021, 11, 430.	1.6	5
86	Reactive Core-Shell Bottlebrush Copolymer as Highly Effective Additive for Epoxy Toughening. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2021, 39, 1626-1633.	2.0	5
87	Facile generation of thenil and furil based blue emitters for the fabrication of non-doped and solution-processed light-emitting electrochemical cells. <i>Journal of Materials Chemistry C</i> , 2022, 10, 2245-2254.	2.7	5
88	Photopolymerization of thermoplastic polyurethane/acrylate blends. <i>Korean Journal of Chemical Engineering</i> , 2005, 22, 750-754.	1.2	4
89	Influence of Morphology and Molecular Alignment of a CuPc Layer on the Current-Voltage Characteristics of OLEDs. <i>Journal of Chemical Engineering of Japan</i> , 2005, 38, 600-604.	0.3	4
90	Mechanical Properties of Highly Flexible Epoxy Systems Containing Nano-Sized Polymeric and Inorganic Particles. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 598, 47-53.	0.4	4

#	ARTICLE	IF	CITATIONS
91	Furil-based ionic small molecules for green-emitting non-doped LECs with improved color purity. <i>New Journal of Chemistry</i> , 2021, 45, 12576-12584.	1.4	4
92	CAU-11-COOH with a V-Shaped Linker as a Catalyst for the Solvent-Free Synthesis of Cyclic Carbonates from CO ₂ and Epoxides. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 752-759.	0.9	4
93	Preparation and oxygen binding properties of ultra-thin polymer films containing cobalt(II) meso-tetraphenylporphyrin via plasma polymerization. <i>Macromolecular Research</i> , 2002, 10, 273-277.	1.0	3
94	Adsorption of carbon dioxide onto BDA-CP-MS41. <i>Korean Journal of Chemical Engineering</i> , 2010, 27, 962-969.	1.2	3
95	Performance of PCDTBT:PC ₇₀ BM Organic Photovoltaic Cells Fabricated Using Dipolar and Common Dopants as Processing Additives. <i>Molecular Crystals and Liquid Crystals</i> , 2013, 581, 18-24.	0.4	3
96	Domain swelling in ARB-type triblock copolymers via self-adjusting effective dispersity. <i>Soft Matter</i> , 2017, 13, 5527-5534.	1.2	3
97	Simple Luminescent Phenanthroimidazole Emitters for Solution-processed Non-doped Organic Light-emitting Electrochemical Cells. <i>New Journal of Chemistry</i> , 0, , .	1.4	3
98	Three-dimensional amino acid backbone Cu-aspartate metal-organic framework as a catalyst for the cycloaddition of propylene oxide and CO ₂ . <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2021, 133, 425-439.	0.8	3
99	Enhancing Toughness and Impact Strength of Epoxy Resins by Using Hyperbranched Polymers. <i>International Journal of Polymer Science</i> , 2021, 2021, 1-9.	1.2	3
100	Dispersion of functional tetraphenylporphyrin-ligated metal into ultra-thin flexible acrylate films. <i>Colloids and Surfaces B: Biointerfaces</i> , 2004, 38, 155-160.	2.5	2
101	Performance characteristics of p-i-n hetero-junction organic photovoltaic cell with CuPc:F4-TCNQ hole transport layer. <i>Journal of Industrial and Engineering Chemistry</i> , 2011, 17, 799-804.	2.9	2
102	Preparation and Mechanical Characterization of Tack-free Surfaced CSR/Epoxy Adhesive Films. <i>Molecular Crystals and Liquid Crystals</i> , 2012, 566, 100-105.	0.4	2
103	Effect of Processing Additives on PCDTBT:PC ₆₀ BM Based Organic Photovoltaic Cells. <i>Molecular Crystals and Liquid Crystals</i> , 2013, 586, 95-103.	0.4	2
104	Characteristics of Light Emitting Electrochemical Cells Using Cationic Iridium(III) Complexes with Imidazole Based Ancillary Ligand. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 601, 205-214.	0.4	2
105	Light Emitting Electrochemical Cells Based on Ionic Iridium Complexes and Ionic Conductor Blend as the Active Layer. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 601, 173-181.	0.4	2
106	Phenanthroimidazole derivatives for single component blue light-emitting electrochemical cells. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 654, 234-243.	0.4	2
107	Dispersion of functional tetraphenylporphyrin-ligated metal into ultra-thin flexible acrylate films. <i>Colloids and Surfaces B: Biointerfaces</i> , 2004, 38, 161-165.	2.5	1
108	Raman Spectra of Molecularly-Ordered 1-TNATA Thin Films and Organic Electroluminescence Device Properties. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 498, 193-202.	0.4	1

#	ARTICLE	IF	CITATIONS
109	Enhanced Performance of Organic Photovoltaic Cells Using F4-TCNQ-PEDOT:PSS Films as a Hole Conducting Layer. <i>Molecular Crystals and Liquid Crystals</i> , 2010, 519, 252-259.	0.4	1
110	Electrical properties of polymer photovoltaic cells using pentacene-doped PEDOT: PSS as a hole conducting layer. <i>Surface and Interface Analysis</i> , 2012, 44, 1511-1514.	0.8	1
111	Synthesis and Photophysical Properties of Cationic Iridium Complexes using Oxazoline based Ancillary Ligands for Lighting Applications. <i>Molecular Crystals and Liquid Crystals</i> , 2015, 618, 55-65.	0.4	1
112	Enhanced Low-Temperature Impact-Peel Resistance of Nano-Toughened Epoxy Resins. <i>Science of Advanced Materials</i> , 2017, 9, 2137-2141.	0.1	1
113	Cure Kinetics and Mechanical Properties of New Polyetherimide Toughened Epoxy Resin. <i>Journal of Chemical Engineering of Japan</i> , 2005, 38, 623-632.	0.3	1
114	Adhesive and Impact-Peel Strength Improvement of Epoxy Resins Modified with Mono and Diamine Functionalized Elastomers. <i>Advances in Polymer Technology</i> , 2022, 2022, 1-9.	0.8	1
115	Characterization of simulated Al ₂ O ₃ -containing nuclear waste glass. <i>Journal of Materials Science</i> , 2004, 39, 3533-3536.	1.7	0
116	Post-Deposition-Annealing-Induced Alignment of Copper Phthalocyanine Thin Films under UV Irradiation and Their Electrical Properties. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 425, 273-278.	0.4	0
117	Molecular Ordering of Vacuum-Deposited 4,4'-bis(tris(N-(1-naphthyl)-N-phenylamino) triphenylamine Thin Films. <i>Macromolecular Symposia</i> , 2007, 249-250, 8-12.	0.4	0
118	Performance Characteristics of Polymer Solar Cells with an Additive-Incorporated Active Layer. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 538, 232-239.	0.4	0
119	Performance Characteristics of Organic Photovoltaic Cells using Pentacene as a Hole Conducting Layer Material. <i>Molecular Crystals and Liquid Crystals</i> , 2012, 566, 175-181.	0.4	0
120	Direct observation of nano-sized defects in thin films formed by sputter deposition. , 2012, , .		0
121	Performance Characteristics of Organic Photovoltaic Cells with Pentacene as a Hole Transport Layer. <i>Molecular Crystals and Liquid Crystals</i> , 2012, 564, 213-221.	0.4	0
122	Combined study on conductive AFM and damascene process to visualize Nano-Scaled defects in Cr thin films on polymer substrate. <i>Electronic Materials Letters</i> , 2015, 11, 164-169.	1.0	0
123	Tuning the photophysical properties of cationic Ir(III) complexes containing oxazoline-based ancillary ligand. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 645, 25-35.	0.4	0
124	Small Molecule-Based Light-Emitting Electrochemical Cells. , 2017, , 329-349.		0
125	Light-Emitting Electrochemical Cells Based on Oxazoline-Iridium(III) Complexes. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 5485-5491.	0.9	0
126	Hydrothermal synthesis and characterization of quartz nanocrystals - Implications from a simple kinetic growth model. <i>Korean Journal of Chemical Engineering</i> , 2022, 39, 440-450.	1.2	0