

Ki-Min Park

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Effect of ancillary ligand on the photoluminescent and electroluminescent properties of blue Ir(III) complexes bearing main bipyridine ligand. <i>Chemical Engineering Journal</i> , 2022, 431, 134249.	12.7	8
2	Pentacyclic Nano- μ -trefoil. <i>Angewandte Chemie</i> , 2021, 133, 660-664.	2.0	0
3	Pentacyclic Nano- μ -trefoil. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 650-654.	13.8	10
4	Improvement in color purity and lifetime of blue PHOLEDs using a homoleptic iridium(III) complex with fluorinated dibenzofuranyl-imidazole ligand. <i>Dyes and Pigments</i> , 2021, 190, 109334.	3.7	13
5	Influence of the Reaction Sequence on the Complexation of an NS ₄ -Macrocyclic with Cd ^{II} and Cu ^I Salts Leading to the Formation of Supramolecular Isomers and an Endo/Exocyclic Cu ^I Complex. <i>Inorganic Chemistry</i> , 2021, 60, 13637-13645.	4.0	3
6	Synthesis, crystal structure and photophysical properties of chlorido[2-(2,6-difluoro-2,3-bipyridin-6-yl)-1 ^H -pyridin-2-yl]iridium(III) complex. <i>Crystallographica Section E: Crystallographic Communications</i> , 2021, 77, 107-110.	0.5	1
7	Cyclometalated Platinum(II) η^2 -diketonate Complexes with Extremely High External Quantum Efficiency for White Organic Light-Emitting Diodes. <i>Advanced Optical Materials</i> , 2021, 9, 2101233.	7.3	14
8	P μ 180: Efficient Blue Phosphorescent Organic Light-Emitting Diode with Extremely High External Quantum Efficiency. <i>Digest of Technical Papers SID International Symposium</i> , 2020, 51, 2054-2057.	0.3	0
9	Cyclometalated Platinum(II) η^2 -diketonate Complexes as Single Dopants for High-Efficiency White OLEDs: The Relationship between Intermolecular Interactions in the Solid State and Electroluminescent Efficiency. <i>Crystal Growth and Design</i> , 2020, 20, 6129-6138.	3.0	30
10	Structures and photophysical properties of two luminescent bipyridine compounds: 2,6-difluoro-6-[3-(pyridin-2-yloxy)phenyl]-2,3-bipyridine and 2,6-dimethoxy-6-[3-(pyridin-2-yloxy)phenyl]-2,3-bipyridine. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2020, 76, 381-388.	0.5	1
11	Blue Phosphorescent Ir(III) Complexes Achieved with Over 30% External Quantum Efficiency. <i>Advanced Optical Materials</i> , 2019, 7, 1901387.	7.3	36
12	Bipyridine-based iridium(III) triplet emitters for organic light-emitting diodes (OLEDs): application and impact of phenyl substitution at the 5-position of the N-coordinating pyridine ring. <i>Dalton Transactions</i> , 2019, 48, 9734-9743.	3.3	15
13	Crystal structure and Hirshfeld surface analysis of 2,2,6,6-tetramethoxy-3,2,5,3-tetrahydro-6H-benzopyridin-6-one. <i>Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 1511-1514.	0.5	0
14	Crystal structure and luminescence properties of 2-[(2,6-dimethoxy-2,3-bipyridin-6-yl)oxy]-9-(pyridin-2-yl)-9H-carbazole. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 1646-1649.	0.5	0
15	Blue Phosphorescent Platinum Complexes Based on Tetradentate Bipyridine Ligands and Their Application to Organic Light-Emitting Diodes (OLEDs). <i>Organometallics</i> , 2018, 37, 4639-4647.	2.3	43
16	A Polythreaded Ag(I) Coordination Polymer: A Rare Three-Dimensional Pseudo-Polyrotaxane Constructed from the Same Components. <i>Bulletin of the Korean Chemical Society</i> , 2017, 38, 127-129.	1.9	2
17	Effect of the bipyridine ligand substituents on the emission properties of phosphorescent Ir(III) compounds. <i>Dyes and Pigments</i> , 2017, 146, 386-391.	3.7	13
18	Crystal structure of mer-[2,6-difluoro-3-[5-(2-fluorophenyl)pyridin-2-yl]-1 ^H -pyridin-4-yl]-iridium(III) dichloromethane hemisolvate-hexane hemisolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 1952-1955.	0.5	1

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19	Meso-Helical Ag(I) Coordination Polymer Based on a Pyridylimidazole Ligand. Bulletin of the Korean Chemical Society, 2016, 37, 1152-1155.	1.9	0
20	Ligand-Induced Formation of Copper(I) Iodide Clusters: Exocyclic Coordination Polymers with Bis-dithiamacrocycle Isomers. Inorganic Chemistry, 2016, 55, 2018-2022.	4.0	27
21	Crystal structure of N,N' -dibenzylpyromellitic diimide. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 1809-1811.	0.5	1
22	Crystal structure of oxamyl. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 1816-1818.	0.5	1
23	Crystal structure of N,N' -bis(pyridin-3-ylmethyl)cyclohexane-1,4-diammonium dichloride. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 1728-1730.	0.5	0
24	Three-Dimensional Tetranuclear Cd(II) Coordination Network Based on a 1,3-Alternate Calix[4]arene Derivative. Bulletin of the Korean Chemical Society, 2015, 36, 2124-2127.	1.9	2
25	Double-Helical Silver(I) Coordination Polymer Based on an Unsymmetrical Ligand. Bulletin of the Korean Chemical Society, 2015, 36, 1532-1535.	1.9	8
26	Formation of a Dicopper Platform Based Polyrotaxane Whose String and Bead Are Constructed from the Same Components. Journal of the American Chemical Society, 2015, 137, 9535-9538.	13.7	27
27	3D Metal-Organic Framework Based on a Lower-Rim Acid-Functionalized Calix[4]arene: Crystal-to-Crystal Transformation upon Lattice Solvent Removal. Crystal Growth and Design, 2015, 15, 3556-3560.	3.0	31
28	Coordination Networks of a Ditopic Macrocycle Exhibiting Anion-Controlled Dimensional Changes and Crystal-to-Crystal Anion Exchange. Inorganic Chemistry, 2015, 54, 5372-5383.	4.0	38
29	Deep-blue phosphorescent iridium(III) dyes based on fluorine-functionalized bis(2,3-bipyridyl) ligand for efficient organic light-emitting diodes. Dyes and Pigments, 2015, 123, 235-241.	3.7	26
30	Anion-Directed Coordination Networks of a Flexible S-Pivot Ligand and Anion Exchange in the Solid State. Crystal Growth and Design, 2015, 15, 5427-5436.	3.0	24
31	Supramolecular Silver(I), Copper(I), and Mercury(II) Complexes with Thiamacrocycles Exhibiting Different Types of Endo- or Exocoordination Modes: From Monomer and Dimer to One-Dimensional and Two-Dimensional Polymers. Crystal Growth and Design, 2014, 14, 6269-6281.	3.0	13
32	Fluorine-free blue phosphorescent emitters for efficient phosphorescent organic light emitting diodes. Journal of Materials Chemistry C, 2014, 2, 6040-6047.	5.5	34
33	Exocyclic coordination chemistry of an O ₂ S ₂ -macrocycle with copper(i), mercury(ii) and palladium(ii) ions. CrystEngComm, 2013, 15, 8544.	2.6	15
34	Novel heptanuclear copper(II) iodide cluster with a pinwheel shape. CrystEngComm, 2013, 15, 451-454.	2.6	28
35	A metal-organic framework gel with Cd ²⁺ derived from only coordination bonds without intermolecular interactions and its catalytic ability. New Journal of Chemistry, 2013, 37, 2330.	2.8	25
36	Bis[1/4-(pyridin-2-ylmethyl)pyridin-3-amine-2,2'-diyl]disilver(I) bis(perchlorate) dimethyl sulfoxide disolvate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m575-m576.	0.2	1

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37	Synthesis and Crystal Structure of Blue Phosphorescent mer-Tris(2',6'-difluoro-2,3'-bipyridinato-N,C4') Iridium(III). Bulletin of the Korean Chemical Society, 2012, 33, 183-188.	1.9	34
38	Tube-Type Coordination Polymers: Two- and Four-Silver(I)-Mediated Linear Networking of Calix[4]arene Tetracarboxylates. Inorganic Chemistry, 2011, 50, 12085-12090.	4.0	23
39	Surprisingly stable ammonium ion complex of a non-cyclic crown-type polyether: solid and solution studies. New Journal of Chemistry, 2010, 34, 603.	2.8	4
40	Blue Phosphorescent Ir(III) Complex with High Color Purity: $\text{fac-Tris}(2,6\text{-difluoro-}2,3\text{-bipyridinato-N,C}^4\text{-}4\text{-iridium(III)})$. Inorganic Chemistry, 2009, 48, 1030-1037.	4.0	190
41	An unusual anionic copper(i) cyanide 3D framework encapsulating a cationic copper(ii) complex as a guest. Dalton Transactions, 2008, , 6521.	3.3	11
42	Crystal Structure of [1,13-Bis(8-quinolyl)-1,4,7,10,13-pentaoxatridecanylprotonato]hexafluorophosphate monohydrate. Analytical Sciences: X-ray Structure Analysis Online, 2006, 22, X39-X40.	0.1	0
43	N-Protected Macrocycles with NO ₂ S ₂ Donor Set. Analytical Sciences: X-ray Structure Analysis Online, 2005, 21, X147-X148.	0.1	1
44	Tetrathiaoxa Macrocycles with Dibenzo-subunits: A Search for New Tl(I)- and Ag(I)-Selective Ionophores. Supramolecular Chemistry, 2004, 16, 51-58.	1.2	26
45	Crystal Structures of 1,3-Bis(2-benzyl alcohol)-1,3-dioxapropene and 1,5-Bis(2-benzyl) Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf 50 4	0.1	2
46	Regioselective Bridging Calix[6]arenes: Synthesis and X-ray Structure of Trisbridged Calix[6]arene. Supramolecular Chemistry, 2003, 15, 117-125.	1.2	6
47	Crystal Structure of a Methine Dye, C.I. Disperse Blue 354. Analytical Sciences, 2003, 19, 1219-1220.	1.6	6
48	Crystal Structure of a Fluoroquinolone Antibiotic, Enoxacin. Analytical Sciences: X-ray Structure Analysis Online, 2003, 19, X11-X12.	0.1	0
49	Crystal Structures of Palladium Complexes of 6-Oxa-3,9-dithiabicyclo[9,4,0]-pentadeca-1(11),12,14-triene (L), cis-X ₂ LPd(II) (X = NO ₃ , SCN).. Analytical Sciences, 2002, 18, 1177-1178.	1.6	4
50	Competitive bulk membrane transport and solvent extraction of transition and post transition metal ions using mixed-donor acyclic ligands as ionophores. Dalton Transactions RSC, 2002, , 2180-2184.	2.3	17
51	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2002, 42, 45-50.	1.6	5
52	Crystal Structure of an Anthraquinone Dye, C.I. Disperse Violet 27.. Analytical Sciences, 2001, 17, 1355-1356.	1.6	5
53	Crystal Structure of 6-Oxa-3,9-dithiabicyclo[9.3.1]pentadeca-1(15),11,13-triene.. Analytical Sciences, 2001, 17, 687-688.	1.6	4
54	Crystal Structure of 8-Tosyloxyquinoline.. Analytical Sciences, 2001, 17, 805-806.	1.6	9