

# Mingoo Jin

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

701  
citations

687220

13  
h-index

839398

18  
g-index

27  
all docs

27  
docs citations

27  
times ranked

948  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical-Stimulation-Triggered and Solvent-Vapor-Induced Reverse Single-Crystal-to-Single-Crystal Phase Transitions with Alterations of the Luminescence Color. <i>Journal of the American Chemical Society</i> , 2018, 140, 2875-2879.	6.6	134
2	Mechano-Responsive Luminescence via Crystal-to-Crystal Phase Transitions between Chiral and Non-Chiral Space Groups. <i>Journal of the American Chemical Society</i> , 2017, 139, 7452-7455.	6.6	103
3	Phosphorescence Control Mediated by Molecular Rotation and Auophilic Interactions in Amphidynamic Crystals of 1,4-Bis[tri-( <i>p</i> -fluorophenyl)phosphane-gold(I)-ethynyl]benzene. <i>Journal of the American Chemical Society</i> , 2017, 139, 18115-18121.	6.6	97
4	Anisotropic Thermal Expansion as the Source of Macroscopic and Molecular Scale Motion in Phosphorescent Amphidynamic Crystals. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18003-18010.	7.2	56
5	Copper(I)-Catalyzed Enantioselective Nucleophilic Borylation of Aliphatic Ketones: Synthesis of Enantioenriched Chiral Tertiary $\beta$ -Hydroxyboronates. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6646-6650.	7.2	50
6	Luminescent mechanochromism of a chiral complex: distinct crystal structures and color changes of racemic and homochiral gold( $\sigma$ ) isocyanide complexes with a binaphthyl moiety. <i>Chemical Communications</i> , 2016, 52, 8083-8086.	2.2	43
7	Anisotropic Thermal Expansion as the Source of Macroscopic and Molecular Scale Motion in Phosphorescent Amphidynamic Crystals. <i>Angewandte Chemie</i> , 2019, 131, 18171-18178.	1.6	36
8	Introduction of a Luminophore into Generic Polymers via Mechanoradical Coupling with a Prefluorescent Reagent. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16003-16008.	7.2	35
9	Introduction of a Biphenyl Moiety for a Solvent-Responsive Aryl Gold(I) Isocyanide Complex with Mechanical Reactivation. <i>Inorganic Chemistry</i> , 2016, 55, 12309-12320.	1.9	28
10	Encapsulating $N$ -Heterocyclic Carbene Binuclear Transition-Metal Complexes as a New Platform for Molecular Rotation in Crystalline Solid-State. <i>Journal of the American Chemical Society</i> , 2021, 143, 1144-1153.	6.6	27
11	Computational Insight into the Enantioselective Nucleophilic Borylation of a Polarized $C=O$ Double Bond Catalyzed by Diphosphine/Borylcopper(I) Complexes. <i>Organometallics</i> , 2016, 35, 1376-1383.	1.1	21
12	Synthesis of water-soluble polyisocyanates with the oligo(ethylene glycol) side-chain as new thermoresponsive polymers. <i>Polymer Chemistry</i> , 2014, 5, 1057-1062.	1.9	19
13	Solid-state luminescence of Au(I) complexes with external stimuli-responsive properties. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2022, 51, 100478.	5.6	16
14	Copper(I)-Catalyzed Enantioselective Nucleophilic Borylation of Aliphatic Ketones: Synthesis of Enantioenriched Chiral Tertiary $\beta$ -Hydroxyboronates. <i>Angewandte Chemie</i> , 2017, 129, 6746-6750.	1.6	12
15	Enhanced Gearing Fidelity Achieved Through Macrocyclization of a Solvated Molecular Spur Gear. <i>Journal of the American Chemical Society</i> , 2021, 143, 7740-7747.	6.6	12
16	Single Crystal Growth of $\pi$ -Conjugated Large Molecules without Solubilizing Alkyl Chains via the Naphthalene Flux Method. <i>Crystal Growth and Design</i> , 2021, 21, 4683-4689.	1.4	6
17	Introduction of a Luminophore into Generic Polymers via Mechanoradical Coupling with a Prefluorescent Reagent. <i>Angewandte Chemie</i> , 2021, 133, 16139-16144.	1.6	4
18	Mechanical-Stimulation-Triggered and Solvent-Vapor-Induced Reverse Single-Crystal-to-Single-Crystal Phase Transitions with Alterations of the Luminescence Color. <i>Springer Theses</i> , 2020, , 127-156.	0.0	1

#	ARTICLE	IF	CITATIONS
19	Distinct Fold-Mode Formation of Crystalline Cu(I) Helical Coordination Polymers with Alternation of the Solid-State Emission Using Shape of the Counter Anions. <i>Inorganic Chemistry</i> , 2022, 61, 3-9.	1.9	1
20	Charge-transfer crystal with segregated packing structure constructed with hexaarylbenzene and tetracyanoquinodimethane. <i>CrystEngComm</i> , 2021, 23, 5564-5568.	1.3	0
21	Mechano-Responsive Luminescence via Crystal-to-Crystal Phase Transitions Between Chiral and Non-chiral Space Groups. <i>Springer Theses</i> , 2020, , 103-126.	0.0	0
22	Luminescent Mechanochromism of a Chiral Complex: Distinct Crystal Structures and Color Changes of Racemic and Homochiral Gold(I) Isocyanide Complexes with a Binaphthyl Moiety. <i>Springer Theses</i> , 2020, , 83-102.	0.0	0
23	Thermo-Responsive Phosphorescence Control Mediated by Molecular Rotation and Auophilic Interactions in Amphidynamic Crystals of Phosphine-Gold(I) Complex. <i>Springer Theses</i> , 2020, , 157-191.	0.0	0
24	Biphenyl Moiety for a Solvent Responsive Aryl Gold(I) Isocyanide Complex with Reactivation by Mechanical Grinding. <i>Springer Theses</i> , 2020, , 17-81.	0.0	0