

Soo-Byung Ko

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

996
citations

471509

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752698

20
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26
all docs

26
docs citations

26
times ranked

1230
citing authors

#	ARTICLE	IF	CITATIONS
1	Racemization catalysts for the dynamic kinetic resolution of alcohols and amines. <i>Coordination Chemistry Reviews</i> , 2008, 252, 647-658.	18.8	183
2	Air-Stable Racemization Catalyst for Dynamic Kinetic Resolution of Secondary Alcohols at Room Temperature. <i>Organic Letters</i> , 2005, 7, 4523-4526.	4.6	102
3	Formation of Azaborines by Photoelimination of B,N-Heterocyclic Compounds. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4544-4548.	13.8	94
4	Highly efficient blue phosphorescent and electroluminescent Ir(III) compounds. <i>Journal of Materials Chemistry C</i> , 2013, 1, 441-450.	5.5	76
5	Highly Enantioselective Dynamic Kinetic Resolution of 1,2-Diarylethanol by a Lipase-Ruthenium Couple. <i>Organic Letters</i> , 2008, 10, 1295-1298.	4.6	64
6	Air-Stable Racemization Catalysts for the Dynamic Kinetic Resolution of Secondary Alcohols. <i>Journal of Organic Chemistry</i> , 2007, 72, 6860-6864.	3.2	61
7	Tuning of spacer groups in organic dyes for efficient inhibition of charge recombination in dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2012, 95, 134-141.	3.7	46
8	Blue phosphorescent N-heterocyclic carbene chelated Pt(II) complexes with an I^{\pm} -duryl- I^{\pm} -diketonato ancillary ligand. <i>Dalton Transactions</i> , 2015, 44, 8433-8443.	3.3	45
9	Impact of a Picolinate Ancillary Ligand on Phosphorescence and Fluoride Sensing Properties of BMe ₂ -Functionalized Platinum(II) Compounds. <i>Organometallics</i> , 2013, 32, 599-608.	2.3	40
10	Modulating the Photoisomerization of N,C-Chelate Organoboranes with Triplet Acceptors. <i>Organic Letters</i> , 2012, 14, 5610-5613.	4.6	38
11	Highly Congested Donor-Acceptor B Compound: Synthesis and Properties of a BMe ₂ - and a PPh ₂ -Functionalized 1,8-Naphthalene. <i>Organometallics</i> , 2013, 32, 3063-3068.	2.3	37
12	Chelation-Assisted Photoelimination of B,N-Heterocycles. <i>Organic Letters</i> , 2014, 16, 616-619.	4.6	37
13	Tuning the Photoisomerization of a N-Chelate Organoboron Compound with a Metal- $\text{C}\equiv\text{C}$ -Acetylide Unit. <i>Chemistry - A European Journal</i> , 2013, 19, 5314-5323.	3.3	35
14	Alkyloxy substituted organic dyes for high voltage dye-sensitized solar cell: Effect of alkyloxy chain length on open-circuit voltage. <i>Dyes and Pigments</i> , 2012, 94, 88-98.	3.7	27
15	A Dual-Emissive Phosphine-Borane Lewis Pair with a U-Shaped Linker: Impact of Methylation and Complexation on Fluoride Binding Affinity. <i>Organometallics</i> , 2014, 33, 964-973.	2.3	23
16	Triarylboron-functionalized dibenzoylmethane and its phosphorescent platinum(II) complexes. <i>Dalton Transactions</i> , 2013, 42, 10089.	3.3	21
17	Anion Sensing with a Blue Fluorescent Triarylboron-Functionalized Bisbenzimidazole and Its Bisbenzimidazolium Salt. <i>ACS Omega</i> , 2017, 2, 8625-8632.	3.5	13
18	Pt(II) and Pd(II) Complexes with a <i>trans</i> -Chelating Bis(pyridyl) Ligand. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 4463-4469.	2.0	10

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19	Visible light absorption and photoelectrochemical activity of colorless molecular 1,3-bis(dicyanomethylidene)indane (BDMI) by surface complexation on TiO ₂ . Physical Chemistry Chemical Physics, 2015, 17, 18541-18546.	2.8	8
20	Air-Stable Racemization Catalyst for Dynamic Kinetic Resolution of Secondary Alcohols at Room Temperature.. ChemInform, 2006, 37, no.	0.0	0
21	Innenr¼cktitelbild: Formation of Azaborines by Photoelimination of B,N-Heterocyclic Compounds (Angew. Chem. 17/2013). Angewandte Chemie, 2013, 125, 4793-4793.	2.0	0