

Jung Su Park

List of Publications by Year in descending order

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28
papers

1,241
citations

430874

18
h-index

501196

28
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29
all docs

29
docs citations

29
times ranked

1540
citing authors

#	ARTICLE	IF	CITATIONS
1	Ion-Mediated Electron Transfer in a Supramolecular Donor-Acceptor Ensemble. <i>Science</i> , 2010, 329, 1324-1327.	12.6	154
2	Positive Homotropic Allosteric Receptors for Neutral Guests: Annulated Tetrathiafulvalene- β -Calix[4]pyrroles as Colorimetric Chemosensors for Nitroaromatic Explosives. <i>Chemistry - A European Journal</i> , 2010, 16, 848-854.	3.3	127
3	Ion-Controlled On-Off Switch of Electron Transfer from Tetrathiafulvalene Calix[4]pyrroles to Li ⁺ @C ₆₀ . <i>Journal of the American Chemical Society</i> , 2011, 133, 15938-15941.	13.7	125
4	Chemoresponsive alternating supramolecular copolymers created from heterocomplementary calix[4]pyrroles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 20913-20917.	7.1	90
5	Redox- and pH-Responsive Orthogonal Supramolecular Self-Assembly: An Ensemble Displaying Molecular Switching Characteristics. <i>Journal of the American Chemical Society</i> , 2015, 137, 16038-16042.	13.7	74
6	Ion-Regulated Allosteric Binding of Fullerenes (C ₆₀ and C ₇₀) by Tetrathiafulvalene-Calix[4]pyrroles. <i>Journal of the American Chemical Society</i> , 2014, 136, 10410-10417.	13.7	72
7	Bicyclic Baird-type aromaticity. <i>Nature Chemistry</i> , 2017, 9, 1243-1248.	13.6	71
8	Dual Role of Anthranils as Amination and Transient Directing Group Sources: Synthesis of 2-Acyl Acridines. <i>Organic Letters</i> , 2018, 20, 4010-4014.	4.6	67
9	Ratiometric Turn-On Fluorophore Displacement Ensembles for Nitroaromatic Explosives Detection. <i>Journal of the American Chemical Society</i> , 2020, 142, 19579-19587.	13.7	57
10	Three Distinct Equilibrium States via Self-Assembly: Simple Access to a Supramolecular Ion-Controlled NAND Logic Gate. <i>Journal of the American Chemical Society</i> , 2013, 135, 14889-14894.	13.7	56
11	Tetrathiafulvalene (TTF)-Annulated Calix[4]pyrroles: Chemically Switchable Systems with Encodable Allosteric Recognition and Logic Gate Functions. <i>Accounts of Chemical Research</i> , 2018, 51, 2400-2410.	15.6	48
12	Synthesis of 2-Benzazepines from Benzylamines and MBH Adducts Under Rhodium(III) Catalysis via C(sp ²)-H Functionalization. <i>ACS Catalysis</i> , 2018, 8, 742-746.	11.2	41
13	Probing and evaluating anion- π interaction in meso-dinitrophenyl functionalized calix[4]pyrrole isomers. <i>Chemical Communications</i> , 2016, 52, 11139-11142.	4.1	40
14	Control over multiple molecular states with directional changes driven by molecular recognition. <i>Nature Communications</i> , 2018, 9, 823.	12.8	34
15	Synthesis of (2 <i>H</i>)-Indazoles and Dihydrocinnolinones through Annulation of Azobenzenes with Vinylene Carbonate under Rh(III) Catalysis. <i>Organic Letters</i> , 2021, 23, 5518-5522.	4.6	33
16	Disparate Downstream Reactions Mediated by an Ionically Controlled Supramolecular Tristate Switch. <i>Journal of the American Chemical Society</i> , 2018, 140, 7598-7604.	13.7	32
17	Synthesis and recognition properties of higher order tetrathiafulvalene (TTF) calix[n]pyrroles (n = 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50). <i>Journal of the American Chemical Society</i> , 2011, 133, 15938-15941.	13.7	29
18	A colorimetric receptor combined with a microcantilever sensor for explosive vapor detection. <i>Applied Physics Letters</i> , 2011, 98, .	3.3	25

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19	Electrochemical amphotericity and NIR absorption induced <i>via</i> the step-wise protonation of fused quinoxaline-tetrathiafulvalene-pyrroles. <i>Chemical Communications</i> , 2018, 54, 4553-4556.	4.1	16
20	Transition-Metal-Free and Site-Selective Selenylation of Heterocyclic <i>N</i> -Oxides in Anisole as a Green Solvent. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 4886-4892.	2.4	12
21	Synthesis of TMPA Derivatives through Sequential Ir(III)-Catalyzed C-H Alkylation and Their Antidiabetic Evaluation. <i>ACS Omega</i> , 2018, 3, 2661-2672.	3.5	10
22	Synthesis and Properties Study of Novel Unsymmetrical Pyrrolo-annulated Benzo-diselenadithiafulvalene. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 732-735.	1.9	6
23	Synthesis of γ -Extended Heterocycles via Rh(III)-Catalyzed Oxidative Annulation of 5-Aryl Pyrazinones with Alkynes. <i>Journal of Organic Chemistry</i> , 2021, 86, 16349-16360.	3.2	6
24	KO ^t Bu-promoted C3-homocoupling of quinoxalinones through single electron transfer from an sp ² carbanion intermediate. <i>Chemical Communications</i> , 2022, 58, 7078-7081.	4.1	5
25	Effective tuning of the electronic and photophysical properties of tetrathiafulvalene pyrroles via aromatic heterocycle annulation. <i>RSC Advances</i> , 2015, 5, 69259-69262.	3.6	4
26	Columnar Liquid Crystalline Self-Assembly of Hydrogen-Bonded Rod-Coil Diblock Complexes Created from Pyrazole/Benzoic acid Derivatives. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 2740-2745.	1.9	3
27	Synthesis and Self-Assemblies of Bithiophene Functionalized 1H-Pyrazole Derivatives. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 1221-1224.	1.9	3
28	Reactivity of triplet diradical intermediates in aqueous media for transition-metal-free Csp ² -H alkylation. <i>Cell Reports Physical Science</i> , 2022, , 100819.	5.6	1