

Sangsu Lee

List of Publications by Year in descending order

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docs citations

44
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Azabuckybowl-Based Molecular Tweezers as C ₆₀ and C ₇₀ Receptors. Journal of the American Chemical Society, 2018, 140, 6336-6342.	13.7	104
2	Benzenorcorrole Ni ^{II} Complexes: Enhancement of Paratropic Ring Current and Singlet Diradical Character by Benzo-Fusion. Angewandte Chemie, 2018, 130, 2231-2235.	2.0	13
3	Benzenorcorrole Ni ^{II} Complexes: Enhancement of Paratropic Ring Current and Singlet Diradical Character by Benzo-Fusion. Angewandte Chemie - International Edition, 2018, 57, 2209-2213.	13.8	33
4	Radical and Diradical Formation in Naphthalene Diimides through Simple Chemical Oxidation. ChemPhysChem, 2017, 18, 591-595.	2.1	20
5	Electron Transfer from Triplet State of TIPS-Pentacene Generated by Singlet Fission Processes to CH ₃ NH ₃ PbI ₃ Perovskite. Journal of Physical Chemistry Letters, 2017, 8, 884-888.	4.6	33
6	Structural, Photophysical, and Magnetic Circular Dichroism Studies of Three Rigidified <i>meso</i> -Pentafluorophenyl-Substituted Hexaphyrin Analogues. Chemistry - A European Journal, 2017, 23, 6682-6692.	3.3	12
7	Fluorenyl Based Macrocyclic Polyradicaloids. Journal of the American Chemical Society, 2017, 139, 13173-13183.	13.7	64
8	Bicyclic Baird-type aromaticity. Nature Chemistry, 2017, 9, 1243-1248.	13.6	71
9	A Diradical Approach towards BODIPY-Based Dyes with Intense Near-Infrared Absorption around $\lambda_{max} = 1100$ nm. Angewandte Chemie - International Edition, 2016, 55, 2815-2819.	13.8	100
10	A very rapid electronic relaxation process in a highly conjugated Zn(ii)porphyrin-[26]hexaphyrin-Zn(ii)porphyrin hybrid tape. Physical Chemistry Chemical Physics, 2016, 18, 3244-3249.	2.8	5
11	Multifaceted [36]octaphyrin(1.1.1.1.1.1.1.1): deprotonation-induced switching among nonaromatic, M π bius aromatic, and H π ckel antiaromatic species. Chemical Communications, 2016, 52, 6076-6078.	4.1	37
12	Stable 3,6-Linked Fluorenyl Radical Oligomers with Intramolecular Antiferromagnetic Coupling and Polyradical Characters. Journal of the American Chemical Society, 2016, 138, 13048-13058.	13.7	44
13	Symmetry-Dependent Intramolecular Charge Transfer Dynamics of Pyrene Derivatives Investigated by Two-Photon Excitation. Journal of Physical Chemistry A, 2016, 120, 9217-9223.	2.5	13
14	A Diradical Approach towards BODIPY-Based Dyes with Intense Near-Infrared Absorption around $\lambda_{max} = 1100$ nm. Angewandte Chemie, 2016, 128, 2865-2869.	2.0	26
15	Benzo-thia-fused [n]thienoacenequinodimethanes with small to moderate diradical characters: the role of pro-aromaticity versus anti-aromaticity. Chemical Science, 2016, 7, 3036-3046.	7.4	38
16	Regioselective phenylene-fusion reactions of Ni(ⁱⁱ)-porphyrins controlled by an electron-withdrawing meso-substituent. Chemical Science, 2016, 7, 4059-4066.	7.4	36
17	Octazethrene and Its Isomer with Different Diradical Characters and Chemical Reactivity: The Role of the Bridge Structure. Journal of Organic Chemistry, 2016, 81, 2911-2919.	3.2	43
18	Toward Tetraradicaloid: The Effect of Fusion Mode on Radical Character and Chemical Reactivity. Journal of the American Chemical Society, 2016, 138, 1065-1077.	13.7	103

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19	1,2-Di- <i>tert</i> -butyl-4,5-bis(methylthio)porphycenes: Synthesis, Characterization, Photodynamics, and Nonlinear Optical Studies. <i>Chemistry - A European Journal</i> , 2015, 21, 12129-12135.	3.3	22
20	Fused Corrole Dimers Interconvert between Nonaromatic and Aromatic States through Two-Electron Redox Reactions. <i>Angewandte Chemie</i> , 2015, 127, 3150-3154.	2.0	30
21	Stable <i>tert</i> -butyl Radical from a Contracted Doubly <i>N</i> -Confused Hexaphyrin by Double Palladium Metalation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7323-7327.	13.8	53
22	<i>meso</i> -Linked Porphyrin[26]Hexaphyrin Porphyrin Hybrid Arrays and Their Triply Linked Tapes Exhibiting Strong Absorption Bands in the NIR Region. <i>Journal of the American Chemical Society</i> , 2015, 137, 2097-2106.	13.7	64
23	Fused Corrole Dimers Interconvert between Nonaromatic and Aromatic States through Two-Electron Redox Reactions. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3107-3111.	13.8	52
24	<i>N</i> -Annulated Perylene-Substituted and Fused Porphyrin Dimers with Intense Near-Infrared One-Photon and Two-Photon Absorption. <i>Chemistry - A European Journal</i> , 2015, 21, 3708-3715.	3.3	18
25	Pro-aromatic bisphenaleno-thieno[3,2- <i>b</i>]thiophene versus anti-aromatic bisindeno-thieno[3,2- <i>b</i>]thiophene: different ground-state properties and applications in field-effect transistors. <i>Chemical Communications</i> , 2015, 51, 13178-13180.	4.1	21
26	Push-Pull Type Oligo(<i>N</i> -annulated perylene)quinodimethanes: Chain Length and Solvent-Dependent Ground States and Physical Properties. <i>Journal of the American Chemical Society</i> , 2015, 137, 8572-8583.	13.7	93
27	Phenalenyl-fused porphyrins with different ground states. <i>Chemical Science</i> , 2015, 6, 2427-2433.	7.4	50
28	1,2-Octakis(methylthio)porphycenes: synthesis, characterisation and third order nonlinear optical studies. <i>Chemical Communications</i> , 2015, 51, 7705-7708.	4.1	31
29	Synthesis of Highly Twisted and Fully π -Conjugated Porphyrinic Oligomers. <i>Journal of the American Chemical Society</i> , 2015, 137, 142-145.	13.7	75
30	Excited-state electronic couplings in a 1,3-butadiyne-bridged Zn porphyrin dimer and trimer. <i>Chemical Communications</i> , 2014, 50, 2947-2950.	4.1	15
31	Indolo[2,3- <i>b</i>]carbazoles with tunable ground states: how Clar's aromatic sextet determines the singlet biradical character. <i>Chemical Science</i> , 2014, 5, 4944-4952.	7.4	39
32	Antiaromatic bisindeno- <i>n</i> thienoacenes with small singlet biradical characters: syntheses, structures and chain length dependent physical properties. <i>Chemical Science</i> , 2014, 5, 4490-4503.	7.4	62
33	<i>para</i> -Quinodimethane-Bridged Perylene Dimers and Pericondensed Quaterrylenes: The Effect of the Fusion Mode on the Ground States and Physical Properties. <i>Chemistry - A European Journal</i> , 2014, 20, 11410-11420.	3.3	46
34	Deprotonation induced formation of Möbius aromatic [32]heptaphyrins. <i>Chemical Communications</i> , 2014, 50, 548-550.	4.1	26
35	Turning on the biradical state of tetracyano- <i>perylene</i> and quaterrylenequinodimethanes by incorporation of additional thiophene rings. <i>Chemical Science</i> , 2014, 5, 3072-3080.	7.4	48
36	Tetracyanoquaterrylene and Tetracyanohexarylenequinodimethanes with Tunable Ground States and Strong Near-Infrared Absorption. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8561-8565.	13.8	94

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37	Dibenzoheptazethrene Isomers with Different Biradical Characters: An Exercise of Clar's Aromatic Sextet Rule in Singlet Biradicaloids. <i>Journal of the American Chemical Society</i> , 2013, 135, 18229-18236.	13.7	167
38	Homoconjugation in diporphyrins: excitonic behaviors in singly and doubly linked Zn(II)porphyrin dimers. <i>Chemical Science</i> , 2013, 4, 1756.	7.4	17
39	Porphyrins Fused with Strongly Electron-Donating 1,3-Dithiol-2-ylidene Moieties: Redox Control by Metal Cation Complexation and Anion Binding. <i>Journal of the American Chemical Society</i> , 2013, 135, 10852-10862.	13.7	58
40	A Quinodimethane-Bridged Porphyrin Dimer. <i>Chemistry - A European Journal</i> , 2013, 19, 16814-16824.	3.3	38
41	Oxidative Fusion Reactions of meso-(Diarylamino)porphyrins. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9728-9732.	13.8	84