

Sangsu Lee

List of Publications by Year in descending order

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papers

2,087
citations

172386

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1970
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. | 6.6 | 104 |
| 2 | Benzenorcorrole Ni ^{II} Complexes: Enhancement of Paratropic Ring Current and Singlet Diradical Character by Benzo-Fusion. Angewandte Chemie, 2018, 130, 2231-2235. | 1.6 | 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. | 7.2 | 33 |
| 4 | Radical and Diradical Formation in Naphthalene Diimides through Simple Chemical Oxidation. ChemPhysChem, 2017, 18, 591-595. | 1.0 | 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. | 2.1 | 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. | 1.7 | 12 |
| 7 | Fluorenyl Based Macrocyclic Polyradicaloids. Journal of the American Chemical Society, 2017, 139, 13173-13183. | 6.6 | 64 |
| 8 | Bicyclic Baird-type aromaticity. Nature Chemistry, 2017, 9, 1243-1248. | 6.6 | 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. | 7.2 | 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. | 1.3 | 5 |
| 11 | Multifaceted [36]octaphyrin(1.1.1.1.1.1.1.1): deprotonation-induced switching among nonaromatic, Möbius aromatic, and Hückel antiaromatic species. Chemical Communications, 2016, 52, 6076-6078. | 2.2 | 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. | 6.6 | 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. | 1.1 | 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. | 1.6 | 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. | 3.7 | 38 |
| 16 | Regioselective phenylene-fusion reactions of Ni(^{II})-porphyrins controlled by an electron-withdrawing meso-substituent. Chemical Science, 2016, 7, 4059-4066. | 3.7 | 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. | 1.7 | 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. | 6.6 | 103 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 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. | 1.7 | 22 |
| 20 | Fused Corrole Dimers Interconvert between Nonaromatic and Aromatic States through Two-Electron Redox Reactions. <i>Angewandte Chemie</i> , 2015, 127, 3150-3154. | 1.6 | 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. | 7.2 | 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. | 6.6 | 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. | 7.2 | 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. | 1.7 | 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. | 2.2 | 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. | 6.6 | 93 |
| 27 | Phenalenyl-fused porphyrins with different ground states. <i>Chemical Science</i> , 2015, 6, 2427-2433. | 3.7 | 50 |
| 28 | 1,2-Octakis(methylthio)porphycenes: synthesis, characterisation and third order nonlinear optical studies. <i>Chemical Communications</i> , 2015, 51, 7705-7708. | 2.2 | 31 |
| 29 | Synthesis of Highly Twisted and Fully π -Conjugated Porphyrinic Oligomers. <i>Journal of the American Chemical Society</i> , 2015, 137, 142-145. | 6.6 | 75 |
| 30 | Excited-state electronic couplings in a 1,3-butadiyne-bridged Zn(<i>sc</i>)porphyrin dimer and trimer. <i>Chemical Communications</i> , 2014, 50, 2947-2950. | 2.2 | 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. | 3.7 | 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. | 3.7 | 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. | 1.7 | 46 |
| 34 | Deprotonation induced formation of Möbius aromatic [32]heptaphyrins. <i>Chemical Communications</i> , 2014, 50, 548-550. | 2.2 | 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. | 3.7 | 48 |
| 36 | Tetracyanoquaterrylene and Tetracyanohexarylenequinodimethanes with Tunable Ground States and Strong Near-Infrared Absorption. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8561-8565. | 7.2 | 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. | 6.6 | 167 |
| 38 | Homoconjugation in diporphyrins: excitonic behaviors in singly and doubly linked Zn(II)porphyrin dimers. <i>Chemical Science</i> , 2013, 4, 1756. | 3.7 | 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. | 6.6 | 58 |
| 40 | A Quinodimethane-Bridged Porphyrin Dimer. <i>Chemistry - A European Journal</i> , 2013, 19, 16814-16824. | 1.7 | 38 |
| 41 | Oxidative Fusion Reactions of meso-(Diarylamino)porphyrins. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9728-9732. | 7.2 | 84 |