

# Sangsu Lee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6878923/publications.pdf>

Version: 2024-02-01

41  
papers

2,087  
citations

172386

29  
h-index

243529

44  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1970  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Azabuckybowl-Based Molecular Tweezers as C <sub>60</sub> and C <sub>70</sub> Receptors. <i>Journal of the American Chemical Society</i> , 2018, 140, 6336-6342.	6.6	104
3	Toward Tetraradicaloid: The Effect of Fusion Mode on Radical Character and Chemical Reactivity. <i>Journal of the American Chemical Society</i> , 2016, 138, 1065-1077.	6.6	103
4	A Diradical Approach towards BODIPY-Based Dyes with Intense Near-Infrared Absorption around $\lambda = 1100$ nm. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2815-2819.	7.2	100
5	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
6	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
7	Oxidative Fusion Reactions of meso-(Diarylamino)porphyrins. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9728-9732.	7.2	84
8	Synthesis of Highly Twisted and Fully $\pi$ -Conjugated Porphyrinic Oligomers. <i>Journal of the American Chemical Society</i> , 2015, 137, 142-145.	6.6	75
9	Bicyclic Baird-type aromaticity. <i>Nature Chemistry</i> , 2017, 9, 1243-1248.	6.6	71
10	meso-meso 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
11	Fluorenyl Based Macrocyclic Polyradicaloids. <i>Journal of the American Chemical Society</i> , 2017, 139, 13173-13183.	6.6	64
12	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
13	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
14	Stable $\pi$ -Radical from a Contracted Doubly $\pi$ -Confused Hexaphyrin by Double Palladium Metalation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7323-7327.	7.2	53
15	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
16	Phenalenyl-fused porphyrins with different ground states. <i>Chemical Science</i> , 2015, 6, 2427-2433.	3.7	50
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Stable 3,6-Linked Fluorenyl Radical Oligomers with Intramolecular Antiferromagnetic Coupling and Polyradical Characters. <i>Journal of the American Chemical Society</i> , 2016, 138, 13048-13058.	6.6	44
20	Octazethrene and Its Isomer with Different Diradical Characters and Chemical Reactivity: The Role of the Bridge Structure. <i>Journal of Organic Chemistry</i> , 2016, 81, 2911-2919.	1.7	43
21	Indolo[2,3-b]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
22	A $\pi$ - $\pi$ Quinodimethane-Bridged Porphyrin Dimer. <i>Chemistry - A European Journal</i> , 2013, 19, 16814-16824.	1.7	38
23	Benzo-thia-fused [n]thienoacenequinodimethanes with small to moderate diradical characters: the role of pro-aromaticity versus anti-aromaticity. <i>Chemical Science</i> , 2016, 7, 3036-3046.	3.7	38
24	Multifaceted [36]octaphyrin(1.1.1.1.1.1.1.1): deprotonation-induced switching among nonaromatic, Möbius aromatic, and Hückel antiaromatic species. <i>Chemical Communications</i> , 2016, 52, 6076-6078.	2.2	37
25	Regioselective phenylene-fusion reactions of Ni(II)-porphyrins controlled by an electron-withdrawing meso-substituent. <i>Chemical Science</i> , 2016, 7, 4059-4066.	3.7	36
26	Electron Transfer from Triplet State of TIPS-Pentacene Generated by Singlet Fission Processes to $\text{CH}_3\text{NH}_3\text{PbI}_3$ Perovskite. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 884-888.	2.1	33
27	Benzenorcorrole Ni(II) Complexes: Enhancement of Paratropic Ring Current and Singlet Diradical Character by Benzofusion. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2209-2213.	7.2	33
28	$\beta$ -Octakis(methylthio)porphycenes: synthesis, characterisation and third order nonlinear optical studies. <i>Chemical Communications</i> , 2015, 51, 7705-7708.	2.2	31
29	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
30	Deprotonation induced formation of Möbius aromatic [32]heptaphyrins. <i>Chemical Communications</i> , 2014, 50, 548-550.	2.2	26
31	A Diradical Approach towards BODIPY-Based Dyes with Intense Near-Infrared Absorption around $\lambda = 1100$ nm. <i>Angewandte Chemie</i> , 2016, 128, 2865-2869.	1.6	26
32	$\beta$ -Octamethoxy-Substituted 22 $\pi$ and 26 $\pi$ Stretched Porphycenes: Synthesis, Characterization, Photodynamics, and Nonlinear Optical Studies. <i>Chemistry - A European Journal</i> , 2015, 21, 12129-12135.	1.7	22
33	Pro-aromatic bisphenaleno-thieno[3,2-b]thiophene versus anti-aromatic bisindeno-thieno[3,2-b]thiophene: different ground-state properties and applications in field-effect transistors. <i>Chemical Communications</i> , 2015, 51, 13178-13180.	2.2	21
34	Radical and Diradical Formation in Naphthalene Diimides through Simple Chemical Oxidation. <i>ChemPhysChem</i> , 2017, 18, 591-595.	1.0	20
35	$\pi$ -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
36	Homoconjugation in diporphyrins: excitonic behaviors in singly and doubly linked Zn(II)porphyrin dimers. <i>Chemical Science</i> , 2013, 4, 1756.	3.7	17

#	ARTICLE	IF	CITATIONS
37	Excited-state electronic couplings in a 1,3-butadiyne-bridged Zn(II)porphyrin dimer and trimer. <i>Chemical Communications</i> , 2014, 50, 2947-2950.	2.2	15
38	Symmetry-Dependent Intramolecular Charge Transfer Dynamics of Pyrene Derivatives Investigated by Two-Photon Excitation. <i>Journal of Physical Chemistry A</i> , 2016, 120, 9217-9223.	1.1	13
39	Benzenocorrole Ni(II) Complexes: Enhancement of Paratropic Ring Current and Singlet Diradical Character by Benzofusion. <i>Angewandte Chemie</i> , 2018, 130, 2231-2235.	1.6	13
40	Structural, Photophysical, and Magnetic Circular Dichroism Studies of Three Rigidified <i>meso</i> -Pentafluorophenyl-Substituted Hexaphyrin Analogues. <i>Chemistry - A European Journal</i> , 2017, 23, 6682-6692.	1.7	12
41	A very rapid electronic relaxation process in a highly conjugated Zn(II)porphyrin-[26]hexaphyrin-Zn(II)porphyrin hybrid tape. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 3244-3249.	1.3	5