

# Yongseok Hong

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

1,446  
citations

304602

22  
h-index

330025

37  
g-index

47  
all docs

47  
docs citations

47  
times ranked

1897  
citing authors

#	ARTICLE	IF	CITATIONS
1	Macrocyclic Polyradicaloids with Unusual Super-ring Structure and Global Aromaticity. <i>CheM</i> , 2018, 4, 1586-1595.	5.8	110
2	Stacked antiaromatic porphyrins. <i>Nature Communications</i> , 2016, 7, 13620.	5.8	105
3	Ultrafast Exciton Delocalization, Localization, and Excimer Formation Dynamics in a Highly Defined Perylene Bisimide Quadruple $\pi$ -Stack. <i>Journal of the American Chemical Society</i> , 2018, 140, 4253-4258.	6.6	101
4	Efficient Multiexciton State Generation in Charge-Transfer-Coupled Perylene Bisimide Dimers via Structural Control. <i>Journal of the American Chemical Society</i> , 2020, 142, 7845-7857.	6.6	99
5	Efficient Ruddlesden-Popper Perovskite Light-Emitting Diodes with Randomly Oriented Nanocrystals. <i>Advanced Functional Materials</i> , 2019, 29, 1901225.	7.8	95
6	Spectroscopic Diagnosis of Excited-State Aromaticity: Capturing Electronic Structures and Conformations upon Aromaticity Reversal. <i>Accounts of Chemical Research</i> , 2018, 51, 1349-1358.	7.6	85
7	Octulene: A Hyperbolic Molecular Belt that Binds Chloride Anions. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14072-14076.	7.2	82
8	Fluorenyl Based Macrocyclic Polyradicaloids. <i>Journal of the American Chemical Society</i> , 2017, 139, 13173-13183.	6.6	64
9	Hetero Cu(III)-Pd(II) Complex of a Dibenzo[ <i>g</i> , <i>p</i> ]chrysene-Fused Bis-dicarbacorrole with Stable Organic Radical Character. <i>Journal of the American Chemical Society</i> , 2017, 139, 15232-15238.	6.6	54
10	Solvent-Modulated Charge-Transfer Resonance Enhancement in the Excimer State of a Bay-Substituted Perylene Bisimide Cyclophane. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 1919-1927.	2.1	51
11	Bis-Metal Complexes of Doubly N-Confused Dioxohexaphyrins as Potential Near-Infrared-II Photoacoustic Dyes. <i>Journal of the American Chemical Society</i> , 2020, 142, 4429-4437.	6.6	46
12	Inserting Nitrogen: An Effective Concept To Create Nonplanar and Stimuli-Responsive Perylene Bisimide Analogues. <i>Journal of the American Chemical Society</i> , 2019, 141, 19807-19816.	6.6	40
13	Metal-Stabilized Quinoidal Dibenzo[ <i>g</i> , <i>p</i> ]chrysene-Fused Bis-dicarbacorrole System. <i>Journal of the American Chemical Society</i> , 2018, 140, 7579-7586.	6.6	38
14	Multifaceted [36]octaphyrin(1.1.1.1.1.1.1.1): deprotonation-induced switching among nonaromatic, M $\pi$ bius aromatic, and H $\pi$ ckel antiaromatic species. <i>Chemical Communications</i> , 2016, 52, 6076-6078.	2.2	37
15	Tracking Structural Evolution during Symmetry-Breaking Charge Separation in Quadrupolar Perylene Bisimide with Time-Resolved Impulsive Stimulated Raman Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8571-8578.	7.2	34
16	Stable Expanded Porphycene-Based Diradicaloid and Tetraradicaloid. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12534-12537.	7.2	33
17	5,10-Dimesityldiindeno[1,2- <i>a</i> , <i>i</i> :2 $\epsilon^2$ ,1 $\epsilon^2$ - <i>i</i> ]phenanthrene: a stable biradicaloid derived from Chichibabin's hydrocarbon. <i>Chemical Science</i> , 2019, 10, 3413-3420.	3.7	33
18	Multiexcitonic Triplet Pair Generation in Oligoacene Dendrimers as Amorphous Solid-State Miniatures. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20956-20964.	7.2	30

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19	Charge-Delocalized State and Coherent Vibrational Dynamics in Rigid PBI H-Aggregates. <i>Journal of the American Chemical Society</i> , 2021, 143, 9825-9833.	6.6	29
20	Internally 2,5-Thienylene-Bridged [46]Decaphyrin: (Annuleno)annulene Network Consisting of Macrocyclic Aromatic Thiahexaphyrins and Strong Hückel Aromaticity of its Protonated Form. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3232-3236.	7.2	27
21	Octulene: A Hyperbolic Molecular Belt that Binds Chloride Anions. <i>Angewandte Chemie</i> , 2016, 128, 14278-14282.	1.6	25
22	The Extension of Baird's Rule to Twisted Heteroannulenes: Aromaticity Reversal of Singly and Doubly Twisted Molecular Systems in the Lowest Triplet State. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2932-2936.	7.2	23
23	ortho-Phenylene-Bridged Cyclic Oligopyrroles: Conformational Flexibilities and Optical Properties. <i>Chemistry - A European Journal</i> , 2016, 22, 10597-10606.	1.7	22
24	Near-Infrared-Absorbing and -Emitting Dyes: Energy Gap Engineering of Expanded Porphyrinoids via Metallation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16161-16166.	7.2	20
25	Electron-Deficient Bipyrrrole Boomerangs: Bright Fluorophores Obtained via Double C-H Bond Activation. <i>Chemistry - A European Journal</i> , 2018, 24, 7525-7530.	1.7	19
26	Stable Nitrogen-Centered Bis(imino)rylene Diradicaloids. <i>Chemistry - A European Journal</i> , 2018, 24, 4944-4951.	1.7	17
27	Diarylamine-Fused Subporphyrins: Proof of Twisted Intramolecular Charge Transfer (TICT) Mechanism. <i>Chemistry - A European Journal</i> , 2018, 24, 8306-8310.	1.7	15
28	Ultrafast coherent exciton dynamics in size-controlled perylene bisimide aggregates. <i>Structural Dynamics</i> , 2019, 6, 064501.	0.9	14
29	Real-time Observation of Structural Dynamics Triggering Excimer Formation in a Perylene Bisimide Foldamer by Ultrafast Time-Resolved Raman Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	13
30	Structurally Stable and Highly Enhanced Luminescent Perovskite Based on Quasi-Two-Dimensional Structures upon Addition of Guanidinium Cations. <i>Journal of Physical Chemistry C</i> , 2020, 124, 4414-4420.	1.5	12
31	Internally 2,5-Thienylene-Bridged [46]Decaphyrin: (Annuleno)annulene Network Consisting of Macrocyclic Aromatic Thiahexaphyrins and Strong Hückel Aromaticity of its Protonated Form. <i>Angewandte Chemie</i> , 2017, 129, 3280-3284.	1.6	11
32	ortho-Phenylene-Bridged Hybrid Nanorings of 2,5-Pyrrolylenes and 2,5-Thienylenes. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 994-1000.	1.3	11
33	Tracking Structural Evolution during Symmetry-Breaking Charge Separation in Quadrupolar Perylene Bisimide with Time-Resolved Impulsive Stimulated Raman Spectroscopy. <i>Angewandte Chemie</i> , 2020, 132, 8649-8656.	1.6	8
34	Stable Expanded Porphycene-Based Diradicaloid and Tetraradicaloid. <i>Angewandte Chemie</i> , 2018, 130, 12714-12717.	1.6	7
35	Quasi Two-Dimensional Perovskites: Efficient Ruddlesden-Popper Perovskite Light-Emitting Diodes with Randomly Oriented Nanocrystals ( <i>Adv. Funct. Mater.</i> 27/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970187.	7.8	6
36	Theoretical Engineering of Singlet Fission Kinetics in Perylene Bisimide Dimer with Chromophore Rotation. <i>Journal of Physical Chemistry A</i> , 2021, 125, 875-884.	1.1	6

#	ARTICLE	IF	CITATIONS
37	The Extension of Baird's Rule to Twisted Heteroannulenes: Aromaticity Reversal of Singly and Doubly Twisted Molecular Systems in the Lowest Triplet State. <i>Angewandte Chemie</i> , 2017, 129, 2978-2982.	1.6	5
38	Near-Infrared S <sub>2</sub> Fluorescence from Deprotonated Möbius Aromatic [32]Heptaphyrin. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 4527-4531.	2.1	5
39	Near-Infrared-Absorbing and -Emitting Dyes: Energy-Gap Engineering of Expanded Porphyrinoids via Metallation. <i>Angewandte Chemie</i> , 2020, 132, 16295-16300.	1.6	5
40	Multiexcitonic Triplet Pair Generation in Oligoacene Dendrimers as Amorphous Solid-State Miniatures. <i>Angewandte Chemie</i> , 2020, 132, 21142-21150.	1.6	2
41	Real-time Observation of Structural Dynamics Triggering Excimer Formation in a Perylene Bisimide Foldamer by Ultrafast Time-Domain Raman Spectroscopy. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	2
42	Innentitelbild: Tracking Structural Evolution during Symmetry-Breaking Charge Separation in Quadrupolar Perylene Bisimide with Time-Resolved Impulsive Stimulated Raman Spectroscopy ( <i>Angew.</i> ) Tj ETQq01060 rgBT /Overlock 1		
43	InnenrÄ¼cktitelbild: Multiexcitonic Triplet Pair Generation in Oligoacene Dendrimers as Amorphous Solid-State Miniatures ( <i>Angew. Chem.</i> 47/2020). <i>Angewandte Chemie</i> , 2020, 132, 21431-21431.	1.6	0
44	Innentitelbild: Real-time Observation of Structural Dynamics Triggering Excimer Formation in a Perylene Bisimide Foldamer by Ultrafast Time-Domain Raman Spectroscopy ( <i>Angew. Chem.</i> 13/2022). <i>Angewandte Chemie</i> , 2022, 134, .	1.6	0