

# Hee-Joon Kim

## List of Publications by Year in descending order

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46  
papers

4,072  
citations

304743

22  
h-index

243625

44  
g-index

48  
all docs

48  
docs citations

48  
times ranked

3384  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cucurbituril Homologues and Derivatives: New Opportunities in Supramolecular Chemistry. <i>Accounts of Chemical Research</i> , 2003, 36, 621-630.	15.6	1,740
2	Selective Inclusion of a Hetero-Guest Pair in a Molecular Host: Formation of Stable Charge-Transfer Complexes in Cucurbit[8]uril. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1526-1529.	13.8	417
3	Inclusion of methylviologen in cucurbit[7]uril. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 5007-5011.	7.1	301
4	Control of the stoichiometry in host-guest complexation by redox chemistry of guests: Inclusion of methylviologen in cucurbit[8]uril. <i>Chemical Communications</i> , 2002, , 1828-1829.	4.1	294
5	A facile, stereoselective [2 + 2] photoreaction mediated by cucurbit[8]uril. <i>Chemical Communications</i> , 2001, , 1938-1939.	4.1	215
6	Preparation and barrier property of poly(ethylene terephthalate)/clay nanocomposite using clay-supported catalyst. <i>Journal of Applied Polymer Science</i> , 2006, 100, 4875-4879.	2.6	90
7	Assembly of Dynamic Heterometallic Oligoporphyrins Using Cooperative Zinc-Nitrogen, Ruthenium-Nitrogen, and Tin-Oxygen Coordination. <i>Journal of the American Chemical Society</i> , 1999, 121, 8120-8121.	13.7	86
8	Visible Light Photocatalysts Based on Homogeneous and Heterogenized Tin Porphyrins. <i>Journal of Physical Chemistry C</i> , 2008, 112, 491-499.	3.1	72
9	Photoregulated Fluorescence Switching in Axially Coordinated Tin(IV) Porphyrinic Dithienylethene. <i>Inorganic Chemistry</i> , 2008, 47, 2411-2415.	4.0	72
10	Synthesis of Sn-Porphyrin-Intercalated Trititanate Nanofibers: Optoelectronic Properties and Photocatalytic Activities. <i>Chemistry of Materials</i> , 2007, 19, 1984-1991.	6.7	69
11	Novel dendron-stabilized gold nanoparticles with high stability and narrow size distribution. <i>Chemical Communications</i> , 2001, , 667-668.	4.1	68
12	Novel fullerene-porphyrin fullerene triad linked by metal axial coordination: Synthesis, X-ray crystal structure, and spectroscopic characterizations of trans-bis([60]fullerenoacetato)tin(IV) porphyrin. <i>Chemical Communications</i> , 2004, , 2594-2595.	4.1	62
13	Supramolecular self-assembly of tin(IV) porphyrin channels stabilizing single-file chains of water molecules. <i>CrystEngComm</i> , 2005, 7, 417.	2.6	60
14	Synthesis, X-ray crystal structure, and electrochemistry of trans-bis(ferrocenecarboxylato)(tetraphenylporphyrinato)tin(IV). <i>Polyhedron</i> , 2007, 26, 2517-2522.	2.2	28
15	Supramolecular Porphyrin Nanostructures Based on Coordination-Driven Self-Assembly and Their Visible Light Catalytic Degradation of Methylene Blue Dye. <i>Nanomaterials</i> , 2020, 10, 2314.	4.1	27
16	Photoinduced Electron Transfer in Ruthenium(II)/Tin(IV) Multiporphyrin Arrays. <i>Journal of Physical Chemistry B</i> , 2010, 114, 14273-14282.	2.6	26
17	Fluorescent chemosensing for aromatic compounds by a supramolecular complex composed of tin(IV) porphyrin, viologen, and cucurbit[8]uril. <i>Chemical Communications</i> , 2019, 55, 10575-10578.	4.1	26
18	Ionic assembled hybrid nanoparticle consisting of tin(IV) porphyrin cations and polyoxomolybdate anions, and photocatalytic hydrogen production by its visible light sensitization. <i>Inorganic Chemistry Communication</i> , 2015, 60, 8-11.	3.9	25

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19	Electrochemically Controllable Reversible Formation of Cucurbit[8]uril-Stabilized Charge-Transfer Complex on Surface. <i>Supramolecular Chemistry</i> , 2008, 20, 149-155.	1.2	24
20	Octupolar trisporphyrin conjugates exhibiting strong two-photon absorption. <i>Tetrahedron</i> , 2008, 64, 2733-2739.	1.9	22
21	Coordination framework materials fabricated by the self-assembly of Sn(IV) porphyrins with Ag(I) ions for the photocatalytic degradation of organic dyes in wastewater. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 1270-1280.	6.0	21
22	Construction of a Square-wave-shaped One-dimensional Polyrotaxane Using a Preorganized L-shaped Pseudorotaxane. <i>Supramolecular Chemistry</i> , 2002, 14, 153-158.	1.2	20
23	Self-Assembled Nanomaterials Based on Complementary Sn(IV) and Zn(II)-Porphyrins, and Their Photocatalytic Degradation for Rhodamine B Dye. <i>Molecules</i> , 2021, 26, 3598.	3.8	20
24	Assembly and X-ray crystal structures of heterometallic multiporphyrins with complementary coordination between ruthenium(II) and tin(IV) porphyrins. <i>Inorganica Chimica Acta</i> , 2019, 488, 1-7.	2.4	19
25	Hexacoordinated Sn(IV) porphyrin-based square-grid frameworks exhibiting selective uptake of CO <sub>2</sub> over N <sub>2</sub> . <i>Bulletin of the Korean Chemical Society</i> , 2022, 43, 103-109.	1.9	18
26	Conformations and Electronic Structures of Axially Coordinated Fullerene-Porphyrin-Fullerene Triad (C <sub>60</sub> CHCOO) <sub>2</sub> -Sn(IV) Porphyrin. <i>Journal of Physical Chemistry B</i> , 2006, 110, 5337-5342.	2.6	16
27	Photoinduced electron transfer upon supramolecular complexation of (porphyrinato) Sn-viologen with cucurbit[7]uril. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 1996-2002.	2.9	16
28	Three Isomeric Zn(II)-Sn(IV)-Zn(II) Porphyrin-Triad-Based Supramolecular Nanoarchitectures for the Morphology-Dependent Photocatalytic Degradation of Methyl Orange. <i>ACS Omega</i> , 2022, 7, 9775-9784.	3.5	16
29	Supramolecular Complexation between Porphyrin-Viologen Dyad and Cucurbit[7]uril. <i>ChemistrySelect</i> , 2018, 3, 256-261.	1.5	11
30	The first tin(IV) porphyrin complex with chiral amino acid ligands: synthesis, characterization and X-ray crystal structure of <i>trans</i> -bis(L-prolinato)[5,10,15,20-tetrakis-(4-pyridyl)porphyrinato]tin(IV). <i>Journal of Porphyrins and Phthalocyanines</i> , 2009, 13, 805-810.	0.8	9
31	Spectrophotometric Study of Bridging N-Donor Ligand-Induced Supramolecular Assembly of Conjugated Zn-Trisporphyrin with a Triphenylamine Core. <i>Molecules</i> , 2021, 26, 4771.	3.8	9
32	Supramolecular functionalization of single-walled carbon nanotubes with uncharged water-soluble porphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2008, 12, 109-115.	0.8	8
33	Supramolecular Assembly of Tin(IV) Porphyrin Cations Stabilized by Ionic Hydrogen-Bonding Interactions. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 2348-2351.	1.9	8
34	Crystal structure of bis(benzoato- $\mu$ -O)[5,15-diphenyl-10,20-bis(pyridin-4-yl)porphyrinato- $\mu^4$ ] <i>trans</i> -N,N'-bis(2,6-pyridinediyl)-N,N'-bis(2,6-pyridinediyl)tin(IV). <i>IUCrData</i> , 2019, 4, .	0.3	8
35	Facile C-C bond cleavage of $\beta^2$ -diketones by tin(IV) porphyrin complex. <i>Tetrahedron Letters</i> , 2012, 53, 6456-6459.	1.4	6
36	Photocatalytic Hydrogen Production by the Sensitization of Sn(IV)-Porphyrin Embedded in a Nafion Matrix Coated on TiO <sub>2</sub> . <i>Molecules</i> , 2022, 27, 3770.	3.8	6

