Taeyeon Kim

List of Publications by Year
in descending order

52 papers	1,167 citations	411340 20 h-index	466096 32 g-index
57 all docs	57 docs citations	57 times ranked	1350 citing authors

#	Article	IF	Citations
1	Coupling between Harmonic Vibrations Influences Quantum Beating Signatures in Two-Dimensional Electronic Spectra. Journal of Physical Chemistry C, 2022, 126, 120-131.	1.5	12
2	Realâ€time Observation of Structural Dynamics Triggering Excimer Formation in a Perylene Bisimide Foldaâ€dimer by Ultrafast Timeâ€Domain Raman Spectroscopy. Angewandte Chemie, 2022, 134, .	1.6	2
3	Realâ€time Observation of Structural Dynamics Triggering Excimer Formation in a Perylene Bisimide Foldaâ€dimer by Ultrafast Timeâ€Domain Raman Spectroscopy. Angewandte Chemie - International Edition, 2022, 61, .	7.2	13
4	Innentitelbild: Realâ€time Observation of Structural Dynamics Triggering Excimer Formation in a Perylene Bisimide Foldaâ€dimer by Ultrafast Timeâ€Domain Raman Spectroscopy (Angew. Chem. 13/2022). Angewandte Chemie, 2022, 134, .	1.6	0
5	Accelerating symmetry-breaking charge separation in a perylenediimide trimer through a vibronically coherent dimer intermediate. Nature Chemistry, 2022, 14, 786-793.	6.6	50
6	Ï€-Stacking-Dependent Vibronic Couplings Drive Excited-State Dynamics in Perylenediimide Assemblies. Journal of the American Chemical Society, 2022, 144, 11386-11396.	6.6	18
7	Magneticâ€Fieldâ€Induced Modulation of Chargeâ€Recombination Dynamics in a Rosarinâ€Fullerene Complex. Angewandte Chemie - International Edition, 2021, 60, 9379-9383.	7.2	6
8	Switching resonance character within merocyanine stacks and its impact on excited-state dynamics. CheM, 2021, 7, 715-725.	5.8	16
9	Magneticâ€Fieldâ€Induced Modulation of Chargeâ€Recombination Dynamics in a Rosarinâ€Fullerene Complex. Angewandte Chemie, 2021, 133, 9465-9469.	1.6	3
10	Modeâ€Specific Vibrational Analysis of Exciton Delocalization and Structural Dynamics in Conjugated Oligomers. Angewandte Chemie, 2021, 133, 17136-17145.	1.6	0
11	Modeâ€Specific Vibrational Analysis of Exciton Delocalization and Structural Dynamics in Conjugated Oligomers. Angewandte Chemie - International Edition, 2021, 60, 16999-17008.	7.2	3
12	Charge-Delocalized State and Coherent Vibrational Dynamics in Rigid PBI H-Aggregates. Journal of the American Chemical Society, 2021, 143, 9825-9833.	6.6	29
13	Frontispiz: Modeâ€Specific Vibrational Analysis of Exciton Delocalization and Structural Dynamics in Conjugated Oligomers. Angewandte Chemie, 2021, 133, .	1.6	0
14	Frontispiece: Modeâ€Specific Vibrational Analysis of Exciton Delocalization and Structural Dynamics in Conjugated Oligomers. Angewandte Chemie - International Edition, 2021, 60, .	7.2	0
15	Two-Step Charge Separation Passing Through the Partial Charge-Transfer State in a Molecular Dyad. Journal of the American Chemical Society, 2020, 142, 1564-1573.	6.6	41
16	Innentitelbild: Tracking Structural Evolution during Symmetryâ€Breaking Charge Separation in Quadrupolar Perylene Bisimide with Timeâ€Resolved Impulsive Stimulated Raman Spectroscopy (Angew.) Tj ETQq0 1 0 rgBT /Overlock 1	1.6	0
17	Tracking Structural Evolution during Symmetryâ€Breaking Charge Separation in Quadrupolar Perylene Bisimide with Timeâ€Resolved Impulsive Stimulated Raman Spectroscopy. Angewandte Chemie - International Edition, 2020, 59, 8571-8578.	7.2	34
18	3D global aromaticity in a fully conjugated diradicaloid cage at different oxidation states. Nature Chemistry, 2020, 12, 242-248.	6.6	101

#	Article	IF	Citations
19	Tracking Structural Evolution during Symmetryâ€Breaking Charge Separation in Quadrupolar Perylene Bisimide with Timeâ€Resolved Impulsive Stimulated Raman Spectroscopy. Angewandte Chemie, 2020, 132, 8649-8656.	1.6	8
20	Excitonically Coupled Cyclic BF₂ Arrays of Calix[8]â€•and Calix[16]phyrin as Nearâ€IRâ€Chromophores. Angewandte Chemie - International Edition, 2020, 59, 13063-13070.	7.2	29
21	Excitonically Coupled Cyclic BF₂ Arrays of Calix[8]â€•and Calix[16]phyrin as Nearâ€IRâ€Chromophores. Angewandte Chemie, 2020, 132, 13163-13170.	1.6	7
22	Carbazole-containing porphyrinoid and its oligomers. Chemical Communications, 2019, 55, 11454-11457.	2.2	14
23	Changes in macrocyclic aromaticity and formation of a charge-separated state by complexation of expanded porphyrin and C60. Chemical Communications, 2019, 55, 8301-8304.	2.2	15
24	Switchâ€ON Near IR Fluorescent Dye Upon Protonation: Helically Twisted Bis(Boron Difluoride) Complex of Ï€â€Extended Corrorin. Chemistry - A European Journal, 2018, 24, 4628-4634.	1.7	17
25	BODIPYâ€Based Antiaromatic Macrocycles: Facile Synthesis by Knoevenagel Condensation and Unusual Aggregationâ€Enhanced Twoâ€Photon Absorption Properties. Chemistry - A European Journal, 2018, 24, 2232-2241.	1.7	21
26	Three-Dimensional Fully Conjugated Carbaporphyrin Cage. Journal of the American Chemical Society, 2018, 140, 16455-16459.	6.6	65
27	Near-Infrared S₂ Fluorescence from Deprotonated MÃ¶bius Aromatic [32]Heptaphyrin. Journal of Physical Chemistry Letters, 2018, 9, 4527-4531.	2.1	5
28	Solvent and Structural Fluctuations Induced Symmetry-Breaking Charge Transfer in a Porphyrin Triad. Journal of Physical Chemistry C, 2018, 122, 19409-19415.	1.5	32
29	MÃ¶bius Aromatic [28]Hexaphyrin Germanium(IV) and Tin(IV) Complexes: Efficient Formation of Triplet Excited States. Angewandte Chemie - International Edition, 2017, 56, 3982-3986.	7.2	22
30	Porphyrinâ€“Azobenzeneâ€“Bodipy Triads: Syntheses, Structures, and Photophysical Properties. Organic Letters, 2017, 19, 2654-2657.	2.4	21
31	Symmetry-breaking charge transfer in the excited state of directly linked pushâ€“pull porphyrin arrays. Physical Chemistry Chemical Physics, 2017, 19, 13970-13977.	1.3	44
32	Porphyrin Arch-Tapes: Synthesis, Contorted Structures, and Full Conjugation. Journal of the American Chemical Society, 2017, 139, 9075-9088.	6.6	61
33	Expanded Rosarin: A Versatile Fullerene (C₆₀) Receptor. Journal of the American Chemical Society, 2017, 139, 4627-4630.	6.6	52
34	MÃ¶bius Aromatic [28]Hexaphyrin Germanium(IV) and Tin(IV) Complexes: Efficient Formation of Triplet Excited States. Angewandte Chemie, 2017, 129, 4040-4044.	1.6	6
35	Flattened Calixarene-like Cyclic BODIPY Array: A New Photosynthetic Antenna Model. Journal of the American Chemical Society, 2017, 139, 13950-13956.	6.6	59
36	A mesoâ€“meso Î²â€Î² Triply Linked Subporphyrin Dimer. Angewandte Chemie, 2017, 129, 12485-12489.	1.6	8

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37	A mesoâ€“meso Î²â€²Î²â€² Triply Linked Subporphyrin Dimer. Angewandte Chemie - International Edition, 2017, 56, 12317-12321.	7.2	18
38	Bicyclic Baird-type aromaticity. Nature Chemistry, 2017, 9, 1243-1248.	6.6	71
39	Strategic Construction of Directly Linked Porphyrinâ€“BODIPY Hybrids. Angewandte Chemie - International Edition, 2017, 56, 12322-12326.	7.2	20
40	Strategic Construction of Directly Linked Porphyrinâ€“BODIPY Hybrids. Angewandte Chemie, 2017, 129, 12490-12494.	1.6	5
41	Ï€â€Extended â€œEarringâ€•Porphyrins with Multiple Cavities and Nearâ€Infrared Absorption. Angewandte Chemie, 2016, 128, 6548-6552.	1.6	11
42	Innentitelbild: Ï€â€Extended â€œEarringâ€•Porphyrins with Multiple Cavities and Nearâ€Infrared Absorption (Angew. Chem. 22/2016). Angewandte Chemie, 2016, 128, 6454-6454.	1.6	2
43	Double Ring Expansion from an Aromatic [18]Porphyrin(1.1.1.1) to an Antiaromatic [20]Porphyrin(2.1.2.1). Angewandte Chemie - International Edition, 2016, 55, 8095-8099.	7.2	32
44	Phenyleneâ€Bridged Coreâ€Modified Planar Aromatic Octaphyrin: Aromaticity, Photophysical and Anion Receptor Properties. Chemistry - an Asian Journal, 2016, 11, 1447-1453.	1.7	13
45	Conformational Fixation of a Rectangular Antiaromatic [28]Hexaphyrin Using Rationally Installed Peripheral Straps. Chemistry - A European Journal, 2016, 22, 4413-4417.	1.7	21
46	Double Ring Expansion from an Aromatic [18]Porphyrin(1.1.1.1) to an Antiaromatic [20]Porphyrin(2.1.2.1). Angewandte Chemie, 2016, 128, 8227-8231.	1.6	12
47	Directly 2,12â€•and 2,8â€Linked Zn^{II} Porphyrin Oligomers: Synthesis, Optical Properties, and Coherence Lengths. Chemistry - A European Journal, 2016, 22, 83-87.	1.7	5
48	Exciton coupling dynamics in syn- and anti-type Î²â€“Î² linked Zn(<scp>ii</scp>) porphyrin linear arrays. Physical Chemistry Chemical Physics, 2016, 18, 23105-23110.	1.3	10
49	Excited-state torsional relaxation dynamics of mesoâ€“meso directly linked corrole dimers: importance of linking position. Physical Chemistry Chemical Physics, 2016, 18, 23374-23382.	1.3	14
50	Ï€â€Extended â€œEarringâ€•Porphyrins with Multiple Cavities and Nearâ€Infrared Absorption. Angewandte Chemie - International Edition, 2016, 55, 6438-6442.	7.2	47
51	Trimeric and Tetrameric Electronâ€Deficient Porphyrin Tapes. Chemistry - an Asian Journal, 2016, 11, 1454-1463.	1.7	8
52	Synthesis of [n]Cycloâ€5,15â€porphyrinyleneâ€4,4â€²â€biphenylenes Displaying Sizeâ€Dependent Excitationâ€Energy Hopping. Angewandte Chemie - International Edition, 2015, 54, 15197-15201.	7.2	39