Hyun Suk Kang

List of Publications by Year
in descending order

13	229	1163117 8	1281871 11
papers	citations	h-index	g-index

13	13	13	434
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Conductivity Tuning via Doping with Electron Donating and Withdrawing Molecules in Perovskite CsPbI₃ Nanocrystal Films. Advanced Materials, 2019, 31, e1902250.	21.0	66
2	Strongly Conjugated Hydroporphyrin Dyads: Extensive Modification of Hydroporphyrinsâ€™ Properties by Expanding the Conjugated System. Journal of Organic Chemistry, 2014, 79, 7910-7925.	3.2	37
3	Effects of Strong Electronic Coupling in Chlorin and Bacteriochlorin Dyads. Journal of Physical Chemistry A, 2016, 120, 379-395.	2.5	28
4	Synthesis of arrays containing porphyrin, chlorin, and perylene-imide constituents for panchromatic light-harvesting and charge separation. RSC Advances, 2018, 8, 23854-23874.	3.6	22
5	Origin of Panchromaticity in Multichromophoreâ€“Tetrapyrrole Arrays. Journal of Physical Chemistry A, 2018, 122, 7181-7201.	2.5	20
6	Long-Lived Charge Separation at Heterojunctions between Semiconducting Single-Walled Carbon Nanotubes and Perylene Diimide Electron Acceptors. Journal of Physical Chemistry C, 2018, 122, 14150-14161.	3.1	18
7	Effect of nanotube coupling on exciton transport in polymer-free monochiral semiconducting carbon nanotube networks. Nanoscale, 2019, 11, 21196-21206.	5.6	17
8	Tuning the Electronic Structure and Properties of Peryleneâ€“Porphyrinâ€“Perylene Panchromatic Absorbers. Journal of Physical Chemistry A, 2016, 120, 7434-7450.	2.5	12
9	Conjugated-linker dependence of the photophysical properties and electronic structure of chlorin dyads. Journal of Porphyrins and Phthalocyanines, 2021, 25, 639-663.	0.8	4
10	Linking optical spectra to free charges in donor/acceptor heterojunctions: cross-correlation of transient microwave and optical spectroscopy. Materials Horizons, 2021, 8, 1509-1517.	12.2	3
11	Arresting Photodegradation in Semiconducting Single-Walled Carbon Nanotube Thin Films. ACS Applied Nano Materials, 2022, 5, 3502-3511.	5.0	2
12	(Invited) Organic/Inorganic Hybrid Interfaces with Swcnts for Energy Harvesting and Conversion. ECS Meeting Abstracts, 2019, , .	0.0	0
13	Long-Lived Free Charge Carriers at Heterojunctions between Semiconducting Single-Walled Carbon Nanotubes and Perylene Diimide Electron Acceptors. ECS Meeting Abstracts, 2019, , .	0.0	0