

# Myungâ€™Seok Choi

## List of Publications by Year in descending order

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31  
papers

1,191  
citations

687363

13  
h-index

526287

27  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1457  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Characterization of Supramolecular Nanotubes of Tetraphenylethylene-Porphyrin Conjugates. <i>Science of Advanced Materials</i> , 2022, 14, 560-568.	0.7	0
2	Turn-on fluorescent naphthalimide-benzothiazole probe for cyanide detection and its two-mode aggregation-induced emission behavior. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 252, 119535.	3.9	13
3	Preparation and Electrochemical Properties of Porous Carbon Nanofiber Electrodes Derived from New Precursor Polymer: 6FDA-TFMB. <i>Polymers</i> , 2020, 12, 1851.	4.5	11
4	Coumarin-tetraphenylethylene regioisomers: synthesis, photophysical and aggregation-induced emission properties. <i>New Journal of Chemistry</i> , 2020, 44, 4992-5000.	2.8	3
5	Effects of molecular flexibility/rigidity on the AIE/AIEE properties of aromatic thio-substituted 1,8-naphthalimides. <i>Dyes and Pigments</i> , 2019, 160, 483-491.	3.7	15
6	Conversion of simulated biogas to electricity: Sequential operation of methanotrophic reactor effluents in microbial fuel cell. <i>Energy</i> , 2019, 189, 116309.	8.8	32
7	Position and conjugation-dependent aggregation-induced emission enhancement properties of naphthalimide-tetraphenylethylene conjugates. <i>Dyes and Pigments</i> , 2019, 168, 49-58.	3.7	8
8	Influence of Metal Ions on the Immobilization of Î²-Glucosidase Through Protein-Inorganic Hybrids. <i>Indian Journal of Microbiology</i> , 2019, 59, 370-374.	2.7	36
9	Dicyanovinylcoumarin as a turn-on fluorescent sensor for cyanide ion. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 351, 108-114.	3.9	25
10	P-128: Ultralow Temperature Solution-processed Al <sub>2</sub> O <sub>3</sub> Gate Dielectrics using Photochemically Activated Nanocluster Precursors. <i>Digest of Technical Papers SID International Symposium</i> , 2018, 49, 1581-1583.	0.3	0
11	Aggregation induced emission properties of naphthalimide-coumarin conjugates with various intermolecular linkages. <i>Dyes and Pigments</i> , 2018, 158, 412-419.	3.7	21
12	Design and Properties of Porphyrin-based Singlet Oxygen Generator. <i>Israel Journal of Chemistry</i> , 2016, 56, 110-118.	2.3	43
13	Quinoline-substituted Zinc(II) Phthalocyanine for the Dual Detection of Ferric and Zinc Ions. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 2179-2184.	1.9	8
14	Low-Temperature Solution-Processed Gate Dielectrics for High-Performance Organic Thin Film Transistors. <i>Materials</i> , 2015, 8, 6926-6934.	2.9	11
15	Analysis on mass sensing characteristics of SWCNT-based nano-mechanical resonators using continuum mechanics based finite element analysis. <i>Journal of Mechanical Science and Technology</i> , 2015, 29, 4801-4806.	1.5	7
16	Characteristic Fluorescence Response of (6-Hydroxy-2-naphthyl)ethenyl Pyridinium Dyes with Bovine Serum Albumin. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 230-236.	1.9	2
17	Enhanced <i>in vitro</i> photocytotoxicity of water-soluble dendritic pheophorbide-a. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015, 19, 830-837.	0.8	3
18	Shape-selective synthesis and photoluminescence of SnO <sub>2</sub> nanostructures under different catalyst conditions. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 121, 715-721.	2.3	5

#	ARTICLE	IF	CITATIONS
19	Synthesis and Optical Properties of Dendritic Porphyrin-Erbium Complexes. <i>Molecular Crystals and Liquid Crystals</i> , 2013, 583, 127-133.	0.9	1
20	Heat Resistant Polymer Matrix Containing Acrylo-Polyhedral Silsesquioxane for Erbium-Doped Waveguide Amplifier Applications. <i>Molecular Crystals and Liquid Crystals</i> , 2013, 586, 33-42.	0.9	1
21	Preparation and Physical Properties of Erbium-Doped Polymer Patterns by Micromolding in Capillaries for Optical Waveguide Amplifiers. <i>Molecular Crystals and Liquid Crystals</i> , 2012, 564, 222-232.	0.9	0
22	Fabrication and Characterization of Erbium-Doped Polymer Patterns by Lift-Off Process for Planar Optical Amplifiers. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 551, 273-282.	0.9	1
23	Fabrication and Characterization of Erbium-Doped Fluoropolymer Patterns via UV-Nanoimprint Lithography for Use in Planar Optical Amplifiers. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 551, 318-327.	0.9	2
24	Fabrication and Optical Properties of Erbium-Doped Polymer Films. <i>Molecular Crystals and Liquid Crystals</i> , 2010, 532, 156/[572]-164/[580].	0.9	0
25	One-dimensional porphyrin H-aggregates induced by solvent polarity. <i>Tetrahedron Letters</i> , 2008, 49, 7050-7053.	1.4	33
26	Dendrimer Effects on Intermolecular Energy-Transfer of Photoexcited Triplet States of Dendritic Multiporphyrin Arrays and Electron Transfer vs Fullerene[60]. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 405-412.	3.2	9
27	Bioinspired Molecular Design of Light-Harvesting Multiporphyrin Arrays. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 150-158.	13.8	398
28	Fullerene-Terminated Dendritic Multiporphyrin Arrays: Dendrimer Effects on Photoinduced Charge Separation. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4060-4063.	13.8	124
29	Dendritic Multiporphyrin Arrays as Light-Harvesting Antennae: Effects of Generation Number and Morphology on Intramolecular Energy Transfer. <i>Chemistry - A European Journal</i> , 2002, 8, 2667.	3.3	180
30	Dendritic Multiporphyrin Arrays as Light-Harvesting Antennae: Effects of Generation Number and Morphology on Intramolecular Energy Transfer. , 2002, 8, 2667.		3
31	A Large Dendritic Multiporphyrin Array as a Mimic of the Bacterial Light-Harvesting Antenna Complex: Molecular Design of an Efficient Energy Funnel for Visible Photons. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3194-3198.	13.8	148