

# Sa Hoon Min

## List of Publications by Year in descending order

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24  
papers

991  
citations

623734

14  
h-index

580821

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

2083  
citing authors

#	ARTICLE	IF	CITATIONS
1	Controllable color change of polydiacetylene vesicles under thermal-photo stimuli. <i>Polymer</i> , 2021, 233, 124211.	3.8	6
2	Damage to Polystyrene Polymer Film by Shock Wave Induced Bubble Collapse. <i>Journal of Physical Chemistry B</i> , 2020, 124, 7494-7499.	2.6	9
3	Enhanced Cavitation and Hydration Crossover of Stretched Water in the Presence of $C_{60}$ . <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 6621-6625.	4.6	1
4	Bubbles in water under stretch-induced cavitation. <i>Journal of Chemical Physics</i> , 2019, 150, 054501.	3.0	10
5	A comparative computational study of coarse-grained and all-atom water models in shock Hugoniot states. <i>Journal of Chemical Physics</i> , 2018, 148, 144504.	3.0	9
6	Atomistic insight into the role of amine groups in thermoresponsive poly(2-dialkylaminoethyl) methacrylate. <i>Journal of Physical Chemistry B</i> , 2018, 122, 1150-1154.	3.8	13
7	Layer-by-Layer Assembly for Graphene-Based Multilayer Nanocomposites: The Field Manual. <i>Chemistry of Materials</i> , 2017, 29, 69-79.	6.7	52
8	Functionalized Nanocellulose-Integrated Heterolayered Nanomats toward Smart Battery Separators. <i>Nano Letters</i> , 2016, 16, 5533-5541.	9.1	96
9	Selective dispersion of single-walled carbon nanotubes by binaphthyl-based conjugated polymers: Integrated experimental and simulation approach. <i>Polymer</i> , 2016, 96, 63-69.	3.8	8
10	Theoretical Study on Enhancement of Sensing Capability of Plasmonic Dimer Au Nanoparticles with Amphiphilic Polymer Brushes. <i>Journal of Physical Chemistry C</i> , 2016, 120, 11068-11077.	3.1	7
11	Self-Assembled Poly(3,4-ethylene dioxythiophene):Poly(styrenesulfonate)/Graphene Quantum Dot Organogels for Efficient Charge Transport in Photovoltaic Devices. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 11069-11073.	8.0	46
12	Highly Tunable Interfacial Adhesion of Glass Fiber by Hybrid Multilayers of Graphene Oxide and Aramid Nanofiber. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 3329-3334.	8.0	80
13	Atomistic simulation for coil-to-globule transition of poly(2-dimethylaminoethyl methacrylate). <i>Soft Matter</i> , 2015, 11, 2423-2433.	2.7	38
14	Plasmonic Transition via Interparticle Coupling of Au@Ag Core-Shell Nanostructures Sheathed in Double Hydrophilic Block Copolymer for High-Performance Polymer Solar Cell. <i>Chemistry of Materials</i> , 2015, 27, 4789-4798.	6.7	39
15	Layer-by-Layer Assembly for Graphene-Based Multilayer Nanocomposites: Synthesis and Applications. <i>Chemistry of Materials</i> , 2015, 27, 3785-3796.	6.7	225
16	Double locked silver-coated silicon nanoparticle/graphene core/shell fiber for high-performance lithium-ion battery anodes. <i>Journal of Power Sources</i> , 2015, 300, 351-357.	7.8	45
17	Interface-Controlled Synthesis of Heterodimeric Silver-Carbon Nanoparticles Derived from Polysaccharides. <i>ACS Nano</i> , 2014, 8, 11377-11385.	14.6	67
18	Highly efficient inverted polymer light-emitting diodes using surface modifications of ZnO layer. <i>Nature Communications</i> , 2014, 5, 4840.	12.8	138

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19	Preparation of mesoporous nanofibers by vapor phase synthesis: control of mesopore structures with the aid of co-surfactants. <i>Nanotechnology</i> , 2013, 24, 255602.	2.6	1
20	Dissipative particle dynamics modeling of a graphene nanosheet and its self-assembly with surfactant molecules. <i>Soft Matter</i> , 2012, 8, 8735.	2.7	21
21	Fabrication of polymer nanotubes containing nanoparticles and inside functionalization. <i>Chemical Communications</i> , 2011, 47, 9447.	4.1	15
22	Preparation of a Catalytic Membrane Reactor with Palladium Nanoparticles Supported by a Packed Bed Silica Nanosupporter for Gas Phase Methanol Oxidation. <i>Small</i> , 2010, 6, 2378-2382.	10.0	8
23	Mesoporous Nanofibers from Dual Structure-Directing Agents in AAO: Mesostructural Control and their Catalytic Applications. <i>Chemistry - A European Journal</i> , 2009, 15, 2491-2495.	3.3	26
24	Vapor Phase Synthesis of Mesostructured Silica Nanofibers Inside Porous Alumina Membranes. <i>Small</i> , 2008, 4, 1945-1949.	10.0	30