

# Wei Han

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

2,474  
citations

346980

22  
h-index

445137

33  
g-index

35  
all docs

35  
docs citations

35  
times ranked

4516  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of a novel series of anti-inflammatory and anti-oxidative phospholipid oxidation products containing the cyclopentenone moiety in vitro and in vivo: Implication in atherosclerosis. <i>Journal of Biological Chemistry</i> , 2017, 292, 5378-5391.	1.6	30
2	Harnessing Colloidal Crack Formation by Flow-Enabled Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4554-4559.	7.2	38
3	Harnessing Colloidal Crack Formation by Flow-Enabled Self-Assembly. <i>Angewandte Chemie</i> , 2017, 129, 4625-4630.	1.6	4
4	Titelbild: Harnessing Colloidal Crack Formation by Flow-Enabled Self-Assembly ( <i>Angew. Chem.</i> 16/2017). <i>Angewandte Chemie</i> , 2017, 129, 4429-4429.	1.6	2
5	Flow-Enabled Self-Assembly of Large-Scale Aligned Nanowires. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4250-4254.	7.2	65
6	Unimolecular micelles composed of inner coil-like blocks and outer rod-like blocks crafted by combination of living polymerization with click chemistry. <i>Polymer Chemistry</i> , 2014, 5, 2747-2755.	1.9	34
7	Crafting Threads of Diblock Copolymer Micelles via Flow-Enabled Self-Assembly. <i>ACS Nano</i> , 2014, 8, 2936-2942.	7.3	89
8	An Unconventional Route to Hierarchically Ordered Block Copolymers on a Gradient Patterned Surface through Controlled Evaporative Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1122-1127.	7.2	56
9	Large-Scale Hierarchically Structured Conjugated Polymer Assemblies with Enhanced Electrical Conductivity. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2564-2568.	7.2	79
10	Macroscopic Highly Aligned DNA Nanowires Created by Controlled Evaporative Self-Assembly. <i>ACS Nano</i> , 2013, 7, 4326-4333.	7.3	63
11	A general and robust strategy for the synthesis of nearly monodisperse colloidal nanocrystals. <i>Nature Nanotechnology</i> , 2013, 8, 426-431.	15.6	362
12	Drying-Mediated Assembly of Colloidal Nanoparticles into Large-Scale Microchannels. <i>ACS Nano</i> , 2013, 7, 6079-6085.	7.3	64
13	A Simple Route to Hierarchically Assembled Micelles and Inorganic Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12588-12592.	7.2	50
14	Dye-sensitized solar cells based on a nanoparticle/nanotube bilayer structure and their equivalent circuit analysis. <i>Nanoscale</i> , 2012, 4, 964-969.	2.8	70
15	Learning from "Coffee Rings": Ordered Structures Enabled by Controlled Evaporative Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1534-1546.	7.2	404
16	Annealing effects on the photovoltaic performance of all-conjugated poly(3-alkylthiophene) diblock copolymer-based bulk heterojunction solar cells. <i>Nanoscale</i> , 2011, 3, 3159.	2.8	55
17	All-conjugated poly(3-alkylthiophene) diblock copolymer-based bulk heterojunction solar cells with controlled molecular organization and nanoscale morphology. <i>Energy and Environmental Science</i> , 2011, 4, 2894.	15.6	100
18	Controlled evaporative self-assembly of hierarchically structured bottlebrush block copolymer with nanochannels. <i>Journal of Materials Chemistry</i> , 2011, 21, 14248.	6.7	30

#	ARTICLE	IF	CITATIONS
19	Assembling and positioning latex nanoparticles via controlled evaporative self-assembly. <i>Journal of Materials Chemistry</i> , 2011, 21, 16968.	6.7	62
20	Guided Organization of DNA into Microring Arrays from Liquid Capillary Bridges. <i>Small</i> , 2011, 7, 1641-1646.	5.2	21
21	Low-Cost Copper Zinc Tin Sulfide Counter Electrodes for High-Efficiency Dye-Sensitized Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11739-11742.	7.2	410
22	Cover Picture: Low-Cost Copper Zinc Tin Sulfide Counter Electrodes for High-Efficiency Dye-Sensitized Solar Cells ( <i>Angew. Chem. Int. Ed.</i> 49/2011). <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11541-11541.	7.2	5
23	Hierarchically Ordered Structures Enabled by Controlled Evaporative Self-Assembly. <i>Small</i> , 2010, 6, 2250-2255.	5.2	38
24	Self-Assembly of All-Conjugated Poly(3-alkylthiophene) Diblock Copolymer Nanostructures from Mixed Selective Solvents. <i>ACS Nano</i> , 2010, 4, 3241-3247.	7.3	157
25	Cyclopentenone Isoprostanes Inhibit the Inflammatory Response in Macrophages. <i>Journal of Biological Chemistry</i> , 2005, 280, 35562-35570.	1.6	86