

# Wenlong Song

## List of Publications by Year in descending order

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21  
papers

1,071  
citations

687363

13  
h-index

677142

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1779  
citing authors

#	ARTICLE	IF	CITATIONS
1	Semi-convertible Hydrogel Enabled Photoresponsive Lubrication. <i>Matter</i> , 2021, 4, 675-687.	10.0	33
2	Superwetable Surface Engineering in Controlling Cell Adhesion for Emerging Bioapplications. <i>Small Methods</i> , 2020, 4, 2000573.	8.6	40
3	Mussel-Inspired Biocoating for Improving the Adhesion of Dental Pulp Stem Cells in Dental Pulp Regeneration. <i>Macromolecular Rapid Communications</i> , 2020, 41, 2000102.	3.9	5
4	Tunable multi-stage wettability and adhesion force on polymer brushes triggered by temperature and pH. <i>Science China Materials</i> , 2019, 62, 597-603.	6.3	5
5	Bioinspired Supramolecular Lubricating Hydrogel Induced by Shear Force. <i>Journal of the American Chemical Society</i> , 2018, 140, 3186-3189.	13.7	112
6	Investigation on the Human Hepatoma HEPG2 Cells Adhesion under the Synergy of Stiffness and Superhydrophobicity. <i>Colloids and Interface Science Communications</i> , 2018, 22, 49-53.	4.1	4
7	Flexible method for fabricating protein patterns on superhydrophobic platforms controlled by magnetic field. <i>Biomaterials Science</i> , 2017, 5, 408-411.	5.4	12
8	A robust double-network hydrogel with under sea water superoleophobicity fabricated via one-pot, one-step reaction. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4662-4666.	5.8	31
9	Ultrafast Spreading Effect Induced Rapid Cell Trapping into Porous Scaffold with Superhydrophilic Surface. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 17545-17551.	8.0	13
10	Design of Multi-Stage Thermal Responsive Wettable Surface. <i>Advanced Materials Interfaces</i> , 2014, 1, 1400009.	3.7	5
11	Adhesion switch on a gecko-foot inspired smart nanocupule surface. <i>Nanoscale</i> , 2014, 6, 13435-13439.	5.6	14
12	Bioinspired methodology for preparing magnetic responsive chitosan beads to be integrated in a tubular bioreactor for biomedical applications. <i>Biomedical Materials (Bristol)</i> , 2013, 8, 045008.	3.3	15
13	Interactions between cells or proteins and surfaces exhibiting extreme wettabilities. <i>Soft Matter</i> , 2013, 9, 2985.	2.7	143
14	High-throughput evaluation of interactions between biomaterials, proteins and cells using patterned superhydrophobic substrates. <i>Soft Matter</i> , 2011, 7, 4147.	2.7	99
15	Chemical modification of bioinspired superhydrophobic polystyrene surfaces to control cell attachment/proliferation. <i>Soft Matter</i> , 2011, 7, 8932.	2.7	100
16	Role of superhydrophobicity in the biological activity of fibronectin at the cell-material interface. <i>Soft Matter</i> , 2011, 7, 10803.	2.7	58
17	Bioinspired methodology to fabricate hydrogel spheres for multi-applications using superhydrophobic substrates. <i>Soft Matter</i> , 2010, 6, 5868.	2.7	88
18	Bioinspired Degradable Substrates with Extreme Wettability Properties. <i>Advanced Materials</i> , 2009, 21, 1830-1834.	21.0	174

#	ARTICLE	IF	CITATIONS
19	Controllable Water Permeation on a Poly(N-isopropylacrylamide)-Modified Nanostructured Copper Mesh Film. <i>Langmuir</i> , 2007, 23, 327-331.	3.5	83
20	Preparation and characterization of Ag/AgO nanoshells on carboxylated polystyrene latex particles. <i>Journal of Materials Research</i> , 2006, 21, 349-354.	2.6	17
21	An atomic force microscopic investigation of electro-sensitive polymer surface. <i>Talanta</i> , 2005, 67, 543-547.	5.5	12