

Wenlong Song

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6686492/publications.pdf>

Version: 2024-02-01

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	Bioinspired Degradable Substrates with Extreme Wettability Properties. <i>Advanced Materials</i> , 2009, 21, 1830-1834.	21.0	174
2	Interactions between cells or proteins and surfaces exhibiting extreme wettabilities. <i>Soft Matter</i> , 2013, 9, 2985.	2.7	143
3	Bioinspired Supramolecular Lubricating Hydrogel Induced by Shear Force. <i>Journal of the American Chemical Society</i> , 2018, 140, 3186-3189.	13.7	112
4	Chemical modification of bioinspired superhydrophobic polystyrene surfaces to control cell attachment/proliferation. <i>Soft Matter</i> , 2011, 7, 8932.	2.7	100
5	High-throughput evaluation of interactions between biomaterials, proteins and cells using patterned superhydrophobic substrates. <i>Soft Matter</i> , 2011, 7, 4147.	2.7	99
6	Bioinspired methodology to fabricate hydrogel spheres for multi-applications using superhydrophobic substrates. <i>Soft Matter</i> , 2010, 6, 5868.	2.7	88
7	Controllable Water Permeation on a Poly(N-isopropylacrylamide)-Modified Nanostructured Copper Mesh Film. <i>Langmuir</i> , 2007, 23, 327-331.	3.5	83
8	Role of superhydrophobicity in the biological activity of fibronectin at the cell-material interface. <i>Soft Matter</i> , 2011, 7, 10803.	2.7	58
9	Superwetable Surface Engineering in Controlling Cell Adhesion for Emerging Bioapplications. <i>Small Methods</i> , 2020, 4, 2000573.	8.6	40
10	Semi-convertible Hydrogel Enabled Photoresponsive Lubrication. <i>Matter</i> , 2021, 4, 675-687.	10.0	33
11	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
12	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
13	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
14	Adhesion switch on a gecko-foot inspired smart nanocupule surface. <i>Nanoscale</i> , 2014, 6, 13435-13439.	5.6	14
15	Ultrafast Spreading Effect Induced Rapid Cell Trapping into Porous Scaffold with Superhydrophilic Surface. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17545-17551.	8.0	13
16	An atomic force microscopic investigation of electro-sensitive polymer surface. <i>Talanta</i> , 2005, 67, 543-547.	5.5	12
17	Flexible method for fabricating protein patterns on superhydrophobic platforms controlled by magnetic field. <i>Biomaterials Science</i> , 2017, 5, 408-411.	5.4	12
18	Design of Multi-Stage Thermal Responsive Wettable Surface. <i>Advanced Materials Interfaces</i> , 2014, 1, 1400009.	3.7	5

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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