

Lingren Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1733827/publications.pdf>

Version: 2024-02-01

14
papers

634
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

836
citing authors

#	ARTICLE	IF	CITATIONS
1	Mussel-inspired self-coating at macro-interface with improved biocompatibility and bioactivity via dopamine grafted heparin-like polymers and heparin. <i>Journal of Materials Chemistry B</i> , 2014, 2, 363-375.	5.8	162
2	Novel heparin-mimicking polymer brush grafted carbon nanotube/PES composite membranes for safe and efficient blood purification. <i>Journal of Membrane Science</i> , 2015, 475, 455-468.	8.2	142
3	Biologically inspired membrane design with a heparin-like interface: prolonged blood coagulation, inhibited complement activation, and bio-artificial liver related cell proliferation. <i>Biomaterials Science</i> , 2014, 2, 98-109.	5.4	77
4	Anticoagulant sodium alginate sulfates and their mussel-inspired heparin-mimetic coatings. <i>Journal of Materials Chemistry B</i> , 2016, 4, 3203-3215.	5.8	67
5	Layer by layer assembly of sulfonic poly(ether sulfone) as heparin-mimicking coatings: scalable fabrication of super-hemocompatible and antibacterial membranes. <i>Journal of Materials Chemistry B</i> , 2015, 3, 1391-1404.	5.8	58
6	Interfacial Self-Assembly of Heparin-Mimetic Multilayer on Membrane Substrate as Effective Antithrombotic, Endothelialization, and Antibacterial Coating. <i>ACS Biomaterials Science and Engineering</i> , 2015, 1, 1183-1193.	5.2	30
7	Introducing multiple bio-functional groups on the poly(ether sulfone) membrane substrate to fabricate an effective antithrombotic bio-interface. <i>Biomaterials Science</i> , 2017, 5, 2416-2426.	5.4	27
8	A simple method to prepare modified polyethersulfone membrane with improved hydrophilic surface by one-pot: The effect of hydrophobic segment length and molecular weight of copolymers. <i>Materials Science and Engineering C</i> , 2014, 37, 68-75.	7.3	25
9	Ascidian-Inspired Heparin-Mimetic Magnetic Nanoparticles with Potential for Application in Hemodialysis as Recycling Anticoagulants. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 1998-2006.	5.2	15
10	Preparation of Ascidian-Inspired Hydrogel Thin Films to Selectively Induce Vascular Endothelial Cell and Smooth Muscle Cell Growth. <i>ACS Applied Bio Materials</i> , 2020, 3, 2068-2077.	4.6	10
11	Bionic design for surface optimization combining hydrophilic and negative charged biological macromolecules. <i>International Journal of Biological Macromolecules</i> , 2014, 67, 260-269.	7.5	8
12	One step preparation of multifunctional poly (ether sulfone) thin films with potential for wound dressing. , 2022, 136, 212758.		6
13	One-pot synthesized poly(vinyl pyrrolidone-methyl methacrylate-acrylic acid) blended with poly(ether sulfone) to prepare blood-compatible membranes. <i>Journal of Applied Polymer Science</i> , 2013, 130, 4284-4298.	2.6	5
14	Direct synthesis of substrate-independent nanoparticles for antibacterial application. <i>Materials Research Express</i> , 2021, 8, 075402.	1.6	2