

Lingren Wang

List of Publications by Year in descending order

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14
papers

634
citations

933447

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1125743

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all docs

14
docs citations

14
times ranked

836
citing authors

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