Manu Thomas Kalathottukaren

List of Publications by Year
in descending order

11	367	1040056 9	1281871 11
papers	citations	h-index	g-index

11	11	11	586
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nontoxic polyphosphate inhibitors reduce thrombosis while sparing hemostasis. Blood, 2014, 124, 3183-3190.	1.4	77
2	Affinity-based design of a synthetic universal reversal agent for heparin anticoagulants. Science Translational Medicine, 2014, 6, 260ra150.	12.4	69
3	Antimicrobial Peptideâ€“Polymer Conjugates with High Activity: Influence of Polymer Molecular Weight and Peptide Sequence on Antimicrobial Activity, Proteolysis, and Biocompatibility. ACS Applied Materials & Interfaces, 2017, 9, 37575-37586.	8.0	59
4	InÂvivo efficacy, toxicity and biodistribution of ultra-long circulating desferrioxamine based polymeric iron chelator. Biomaterials, 2016, 102, 58-71.	11.4	42
5	Alteration of blood clotting and lung damage by protamine are avoided using the heparin and polyphosphate inhibitor UHRA. Blood, 2017, 129, 1368-1379.	1.4	32
6	Design of Safe Nanotherapeutics for the Excretion of Excess Systemic Toxic Iron. ACS Central Science, 2019, 5, 917-926.	11.3	27
7	A Polymer Therapeutic Having Universal Heparin Reversal Activity: Molecular Design and Functional Mechanism. Biomacromolecules, 2017, 18, 3343-3358.	5.4	26
8	Approaches to prevent bleeding associated with anticoagulants: current status and recent developments. Drug Delivery and Translational Research, 2018, 8, 928-944.	5.8	18
9	Design of Polyphosphate Inhibitors: A Molecular Dynamics Investigation on Polyethylene Glycol-Linked Cationic Binding Groups. Biomacromolecules, 2018, 19, 1358-1367.	5.4	12
10	Influence of Steric Shield on Biocompatibility and Antithrombotic Activity of Dendritic Polyphosphate Inhibitor. Molecular Pharmaceutics, 2022, 19, 1853-1865.	4.6	3
11	Rheological and clot microstructure evaluation of heparin neutralization by UHRA and protamine. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 124, 104851.	3.1	2