

CITATION REPORT

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Induction and enhancement of platelet aggregation in vitro and in vivo by model polystyrene nanoparticles

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#	Paper	IF	Citations
33	Ultrasmall superparamagnetic iron oxide nanoparticles acutely promote thrombosis and cardiac oxidative stress and DNA damage in mice. <i>Particle and Fibre Toxicology</i> , 2016 , 13, 22	8.4	57
32	Action of Nanoparticles on Platelet Activation and Plasmatic Coagulation. <i>Current Medicinal Chemistry</i> , 2016 , 23, 408-30	4.3	60
31	Nanodiamonds for Medical Applications: Interaction with Blood in Vitro and in Vivo. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	47
30	Determining the relationship between nanoparticle characteristics and immunotoxicity: key challenges and approaches. <i>Nanomedicine</i> , 2016 , 11, 1447-64	5.6	19
29	Polystyrene Nanoparticles Activate Erythrocyte Aggregation and Adhesion to Endothelial Cells. <i>Cell Biochemistry and Biophysics</i> , 2016 , 74, 19-27	3.2	23
28	Nanomaterials for treating cardiovascular diseases: A review. <i>Bioactive Materials</i> , 2017 , 2, 185-198	16.7	57
27	Refinement of Mouse Protocols for the Study of Platelet Thromboembolic Responses In Vivo. <i>Thrombosis and Haemostasis</i> , 2017 , 117, 2283-2290	7	8
26	Toxicity Effects of Functionalized Quantum Dots, Gold and Polystyrene Nanoparticles on Target Aquatic Biological Models: A Review. <i>Molecules</i> , 2017 , 22,	4.8	68
25	Platelet Shape Changes and Cytoskeleton Dynamics as Novel Therapeutic Targets for Anti-Thrombotic Drugs. <i>Biomolecules and Therapeutics</i> , 2017 , 25, 223-230	4.2	37
24	Biological safety and tissue distribution of (16-mercaptohexadecyl)trimethylammonium bromide-modified cationic gold nanorods. <i>Biomaterials</i> , 2018 , 154, 275-290	15.6	22
23	Platelet aggregation induced by polystyrene and platinum nanoparticles is dependent on surface area. <i>RSC Advances</i> , 2018 , 8, 37789-37794	3.7	8
22	Gustav Born: pioneer in imaging platelet and leukocyte biology. <i>Platelets</i> , 2018 , 29, 766-770	3.6	
21	The Role of Mucin in the Toxicological Impact of Polystyrene Nanoparticles. <i>Materials</i> , 2018 , 11,	3.5	35
20	Application of nanomaterials in three-dimensional stem cell culture. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 18550-18558	4.7	1
19	The effect of size and surface ligands of iron oxide nanoparticles on blood compatibility.. <i>RSC Advances</i> , 2020 , 10, 7559-7569	3.7	22
18	effects of cobalt and chromium nanoparticles on human platelet function. <i>Nanotoxicology</i> , 2021 , 15, 52-65	5.3	1
17	Evaluation of the effects of nanoparticles on the therapeutic function of platelet: a review. <i>Journal of Pharmacy and Pharmacology</i> , 2021 ,	4.8	1

16	Toxicity in vitro reveals potential impacts of microplastics and nanoplastics on human health: A review. <i>Critical Reviews in Environmental Science and Technology</i> , 1-33	11.1	2
15	Platelet activation by charged ligands and nanoparticles: platelet glycoprotein receptors as pattern recognition receptors. <i>Platelets</i> , 2021 , 32, 1018-1030	3.6	3
14	Environmental microplastic and nanoplastic: Exposure routes and effects on coagulation and the cardiovascular system. <i>Environmental Pollution</i> , 2021 , 291, 118190	9.3	2
13	Effects of nanoparticles on the blood coagulation system (nanoparticle interface with the blood coagulation system). 2022 , 113-140		1
12	Nanotechnology and primary hemostasis: Differential effects of nanoparticles on platelet responses. <i>Vascular Pharmacology</i> , 2018 , 101, 1-8	5.9	26
11	Engineering Nano-to-Micron-Patterned Polymer Coatings on Bioresorbable Magnesium for Controlling Human Endothelial Cell Adhesion and Morphology. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 3878-3898	5.5	6
10	Influence of nanoparticles on the haemostatic balance: between thrombosis and haemorrhage. <i>Biomaterials Science</i> , 2021 ,	7.4	3
9	Design of a Platelet-Mediated Delivery System for Drug-Incorporated Nanospheres to Enhance Anti-Tumor Therapeutic Effect. <i>Pharmaceutics</i> , 2021 , 13,	6.4	0
8	Refinement of a mouse cardiovascular model: Development, application and dissemination. <i>F1000Research</i> , 2018 , 7, 593	3.6	1
7	Nanomedicine and Its Potential Therapeutic and Diagnostic Applications in Human Pathologies. <i>Nanotechnology in the Life Sciences</i> , 2022 , 315-342	1.1	
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