

Antonella Antonelli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10729588/publications.pdf>

Version: 2024-02-01

28
papers

949
citations

430874

18
h-index

501196

28
g-index

28
all docs

28
docs citations

28
times ranked

1455
citing authors

#	ARTICLE	IF	CITATIONS
1	Programmable 3D silk bone marrow niche for platelet generation ex vivo and modeling of megakaryopoiesis pathologies. <i>Blood</i> , 2015, 125, 2254-2264.	1.4	140
2	Erythrocyte-based drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2005, 2, 311-322.	5.0	106
3	Antiviral Properties of Flavonoids and Delivery Strategies. <i>Nutrients</i> , 2020, 12, 2534.	4.1	98
4	Encapsulation of superparamagnetic nanoparticles into red blood cells as new carriers of MRI contrast agents. <i>Nanomedicine</i> , 2011, 6, 211-223.	3.3	76
5	Selective Inhibition of NF- κ B Activation and TNF- α Production in Macrophages by Red Blood Cell-Mediated Delivery of Dexamethasone. <i>Blood Cells, Molecules, and Diseases</i> , 2000, 26, 211-222.	1.4	63
6	Engineering erythrocytes for the modulation of drugs' and contrasting agents' pharmacokinetics and biodistribution. <i>Advanced Drug Delivery Reviews</i> , 2016, 106, 73-87.	13.7	49
7	New Biomimetic Constructs for Improved <i>In Vivo</i> Circulation of Superparamagnetic Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 2270-2278.	0.9	47
8	Macrophage Depletion by Free Bisphosphonates and Zoledronate-Loaded Red Blood Cells. <i>PLoS ONE</i> , 2014, 9, e101260.	2.5	46
9	Modulation of ICAM-1 Expression in ECV304 Cells by Macrophage-Released Cytokines. <i>Blood Cells, Molecules, and Diseases</i> , 2001, 27, 978-991.	1.4	32
10	Red Blood Cells as Carriers of Iron Oxide-Based Contrast Agents for Diagnostic Applications. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 1732-1750.	1.1	30
11	New Strategies to Prolong the In Vivo Life Span of Iron-Based Contrast Agents for MRI. <i>PLoS ONE</i> , 2013, 8, e78542.	2.5	29
12	Development of long circulating magnetic particle imaging tracers: use of novel magnetic nanoparticles and entrapment into human erythrocytes. <i>Nanomedicine</i> , 2020, 15, 739-753.	3.3	26
13	Red blood cells as carriers in magnetic particle imaging. <i>Biomedizinische Technik</i> , 2013, 58, 517-25.	0.8	24
14	Macrophage depletion induced by clodronate-loaded erythrocytes. <i>Journal of Drug Targeting</i> , 2005, 13, 99-111.	4.4	22
15	Ferucarbotran-loaded red blood cells as long circulating MRI contrast agents: first <i>in vivo</i> results in mice. <i>Nanomedicine</i> , 2018, 13, 675-687.	3.3	21
16	Efficient inhibition of macrophage TNF- α production upon targeted delivery of K48R ubiquitin. <i>British Journal of Haematology</i> , 1999, 104, 475-481.	2.5	20
17	Interactions of Nitroxide-Conjugated and Non-Conjugated Glycodendrimers with Normal and Cancer Cells and Biocompatibility Studies. <i>Bioconjugate Chemistry</i> , 2017, 28, 524-538.	3.6	19
18	USPIO-loaded red blood cells as a biomimetic MR contrast agent: a relaxometric study. <i>Contrast Media and Molecular Imaging</i> , 2014, 9, 229-236.	0.8	18

#	ARTICLE	IF	CITATIONS
19	Effect of the redox state on HIV-1 tat protein multimerization and cell internalization and trafficking. <i>Molecular and Cellular Biochemistry</i> , 2010, 345, 105-118.	3.1	15
20	SPIO nanoparticles and magnetic erythrocytes as contrast agents for biomedical and diagnostic applications. <i>Journal of Magnetism and Magnetic Materials</i> , 2022, 541, 168520.	2.3	14
21	Intravascular contrast agents in diagnostic applications: Use of red blood cells to improve the lifespan and efficacy of blood pool contrast agents. <i>Nano Research</i> , 2017, 10, 731-766.	10.4	13
22	Characterization of ferucarbotran-loaded RBCs as long circulating magnetic contrast agents. <i>Nanomedicine</i> , 2016, 11, 2781-2795.	3.3	12
23	Dexamethasone restrains ongoing expression of interleukin-23p19 in peripheral blood-derived human macrophages. <i>BMC Pharmacology</i> , 2011, 11, 8.	0.4	9
24	Magnetic Manipulation of Blood Conductivity with Superparamagnetic Iron Oxide-Loaded Erythrocytes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 11194-11201.	8.0	7
25	Human Red Blood Cells Modulate Cytokine Expression in Monocytes/Macrophages Under Anoxic Conditions. <i>Frontiers in Physiology</i> , 2021, 12, 632682.	2.8	6
26	Targeting dexamethasone to macrophages. <i>Drug Delivery</i> , 1995, 2, 151-155.	5.7	3
27	Increased microbicidal activity of human monoblastoid cells upon long-term exposure to dideoxycytidine. <i>Life Sciences</i> , 1997, 60, 519-528.	4.3	2
28	Programmed cell death in 2',3'-dideoxycytidine-resistant human monoblastoid U937 cells. <i>The Histochemical Journal</i> , 2000, 32, 115-122.	0.6	2