

Andrea Babelova

List of Publications by Year in descending order

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34
papers

2,431
citations

394421

19
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414414

32
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all docs

34
docs citations

34
times ranked

3968
citing authors

#	ARTICLE	IF	CITATIONS
1	The matrix component biglycan is proinflammatory and signals through Toll-like receptors 4 and 2 in macrophages. <i>Journal of Clinical Investigation</i> , 2005, 115, 2223-2233.	8.2	718
2	Biglycan, a Danger Signal That Activates the NLRP3 Inflammasome via Toll-like and P2X Receptors. <i>Journal of Biological Chemistry</i> , 2009, 284, 24035-24048.	3.4	407
3	The proteoglycan biglycan regulates expression of the B cell chemoattractant CXCL13 and aggravates murine lupus nephritis. <i>Journal of Clinical Investigation</i> , 2010, 120, 4251-4272.	8.2	177
4	NADPH oxidase 4 limits bone mass by promoting osteoclastogenesis. <i>Journal of Clinical Investigation</i> , 2013, 123, 4731-4738.	8.2	142
5	Role of Nox4 in murine models of kidney disease. <i>Free Radical Biology and Medicine</i> , 2012, 53, 842-853.	2.9	131
6	Decorin-Mediated Regulation of Fibrillin-1 in the Kidney Involves the Insulin-Like Growth Factor-I Receptor and Mammalian Target of Rapamycin. <i>American Journal of Pathology</i> , 2007, 170, 301-315.	3.8	81
7	Monoamine Oxidases Are Mediators of Endothelial Dysfunction in the Mouse Aorta. <i>Hypertension</i> , 2013, 62, 140-146.	2.7	78
8	Molecular Mechanisms of TGF β 2 Receptor-Triggered Signaling Cascades Rapidly Induced by the Calcineurin Inhibitors Cyclosporin A and FK506. <i>Journal of Immunology</i> , 2008, 181, 2831-2845.	0.8	76
9	Activation of Rac-1 and RhoA Contributes to Podocyte Injury in Chronic Kidney Disease. <i>PLoS ONE</i> , 2013, 8, e80328.	2.5	74
10	Transforming growth factor- β 2 upregulates sphingosine kinase-1 activity, which in turn attenuates the fibrotic response to TGF- β 2 by impeding CTGF expression. <i>Kidney International</i> , 2009, 76, 857-867.	5.2	66
11	Regulation of Fibrillin-1 by Biglycan and Decorin Is Important for Tissue Preservation in the Kidney During Pressure-Induced Injury. <i>American Journal of Pathology</i> , 2004, 165, 383-396.	3.8	55
12	Inhibition of the Soluble Epoxide Hydrolase Promotes Albuminuria in Mice with Progressive Renal Disease. <i>PLoS ONE</i> , 2010, 5, e11979.	2.5	54
13	The role of reactive oxygen species in the genotoxicity of surface-modified magnetite nanoparticles. <i>Toxicology Letters</i> , 2014, 226, 303-313.	0.8	51
14	Anti-atherosclerotic mechanisms of statin therapy. <i>Current Opinion in Pharmacology</i> , 2013, 13, 260-264.	3.5	42
15	Peroxisome Proliferator-Activated Receptor (PPAR) β 3 Can Inhibit Chronic Renal Allograft Damage. <i>American Journal of Pathology</i> , 2010, 176, 2150-2162.	3.8	34
16	Endo-PDI is required for TNF α -induced angiogenesis. <i>Free Radical Biology and Medicine</i> , 2013, 65, 1398-1407.	2.9	27
17	Two-Step Mechanism of Cellular Uptake of Cationic Gold Nanoparticles Modified by (16-Mercaptohexadecyl)trimethylammonium Bromide. <i>Bioconjugate Chemistry</i> , 2016, 27, 2558-2574.	3.6	25
18	Nephrin expression is increased in anti-Thy1.1-induced glomerulonephritis in rats. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 247-254.	2.1	23

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19	<i>L</i> -Type Calcium Channel Inhibitor Diltiazem Prevents Aneurysm Formation by Blood Pressure-Independent Anti-Inflammatory Effects. <i>Hypertension</i> , 2013, 62, 1098-1104.	2.7	22
20	Biological safety and tissue distribution of (16-mercaptohexadecyl)trimethylammonium bromide-modified cationic gold nanorods. <i>Biomaterials</i> , 2018, 154, 275-290.	11.4	22
21	Fibrous shape underlies the mutagenic and carcinogenic potential of nanosilver while surface chemistry affects the biosafety of iron oxide nanoparticles. <i>Mutagenesis</i> , 2017, 32, 193-202.	2.6	19
22	Next generation sequencing of sex-specific genes in the livers of obese ZSF1 rats. <i>Genomics</i> , 2015, 106, 204-213.	2.9	15
23	Sex determination of early medieval individuals through nested PCR using a new primer set in the SRY gene. <i>Forensic Science International</i> , 2011, 207, 1-5.	2.2	14
24	Intracellular uptake of magnetite nanoparticles: A focus on physico-chemical characterization and interpretation of in vitro data. <i>Materials Science and Engineering C</i> , 2017, 70, 161-168.	7.3	14
25	Nitric Oxide Upregulates Induction of PDGF Receptor- α Expression in Rat Renal Mesangial Cells and in Anti-Thy-1 Glomerulonephritis. <i>Journal of the American Society of Nephrology: JASN</i> , 2005, 16, 1948-1957.	6.1	13
26	Sex-Differences in Renal Expression of Selected Transporters and Transcription Factors in Lean and Obese Zucker Spontaneously Hypertensive Fatty Rats. <i>Journal of Diabetes Research</i> , 2015, 2015, 1-10.	2.3	11
27	Surface-modified magnetite nanoparticles act as aneugen-like spindle poison. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 69-80.	3.3	11
28	Six-week inhalation of CdO nanoparticles in mice: The effects on immune response, oxidative stress, antioxidative defense, fibrotic response, and bones. <i>Food and Chemical Toxicology</i> , 2020, 136, 110954.	3.6	11
29	The NADPH Oxidase Nox2 Mediates Vitamin D-Induced Vascular Regeneration in Male Mice. <i>Endocrinology</i> , 2016, 157, 4032-4040.	2.8	8
30	Ultraviolet A radiation potentiates the cytotoxic and genotoxic effects of 7-hydroxy-2,9-dibenz[<i>c,g</i>]carbazole and its methyl derivatives. <i>Environmental and Molecular Mutagenesis</i> , 2015, 56, 388-403.	2.2	4
31	Six-week inhalation of lead oxide nanoparticles in mice affects antioxidant defense, immune response, kidneys, intestine and bones. <i>Environmental Science: Nano</i> , 2022, 9, 751-766.	4.3	4
32	Surface coating determines the inflammatory potential of magnetite nanoparticles in murine renal podocytes and mesangial cells. <i>RSC Advances</i> , 2020, 10, 23916-23929.	3.6	2
33	Response to Sympathoinhibitory Effect of Diltiazem and Prevention of Aneurysm Formation. <i>Hypertension</i> , 2014, 63, e13.	2.7	0
34	Effective Reduction of SARS-CoV-2 RNA Levels Using a Tailor-Made Oligonucleotide-Based RNA Inhibitor. <i>Viruses</i> , 2022, 14, 685.	3.3	0