

Marina Korotkova

List of Publications by Year in descending order

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29
papers

845
citations

471061

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580395

25
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29
docs citations

29
times ranked

1422
citing authors

#	ARTICLE	IF	CITATIONS
1	COX/mPGES-1/PGE ₂ pathway depicts an inflammatory-dependent high-risk neuroblastoma subset. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8070-8075.	3.3	88
2	The skeletal muscle arachidonic acid cascade in health and inflammatory disease. Nature Reviews Rheumatology, 2014, 10, 295-303.	3.5	75
3	Persisting eicosanoid pathways in rheumatic diseases. Nature Reviews Rheumatology, 2014, 10, 229-241.	3.5	62
4	Endurance Exercise Improves Molecular Pathways of Aerobic Metabolism in Patients With Myositis. Arthritis and Rheumatology, 2016, 68, 1738-1750.	2.9	62
5	Inhibition of Microsomal Prostaglandin E Synthase-1 in Cancer-Associated Fibroblasts Suppresses Neuroblastoma Tumor Growth. EBioMedicine, 2018, 32, 84-92.	2.7	60
6	Effects of antirheumatic treatments on the prostaglandin E2 biosynthetic pathway. Arthritis and Rheumatism, 2005, 52, 3439-3447.	6.7	58
7	Exploring inflammatory signatures in arthritic joint biopsies with Spatial Transcriptomics. Scientific Reports, 2019, 9, 18975.	1.6	55
8	Characterization of Microsomal Prostaglandin E Synthase 1 Inhibitors. Basic and Clinical Pharmacology and Toxicology, 2014, 114, 64-69.	1.2	50
9	Immunomodulatory effects of nicotine on interleukin 1 β activated human astrocytes and the role of cyclooxygenase 2 in the underlying mechanism. Journal of Neuroinflammation, 2016, 13, 256.	3.1	42
10	Three-dimensional spatial transcriptomics uncovers cell type localizations in the human rheumatoid arthritis synovium. Communications Biology, 2022, 5, 129.	2.0	35
11	miR-574-5p as RNA decoy for CUGBP1 stimulates human lung tumor growth by mPGES-1 induction. FASEB Journal, 2019, 33, 6933-6947.	0.2	30
12	Extracellular miR-574-5p Induces Osteoclast Differentiation via TLR 7/8 in Rheumatoid Arthritis. Frontiers in Immunology, 2020, 11, 585282.	2.2	30
13	Biological characterization of new inhibitors of microsomal PGE synthase-1 in preclinical models of inflammation and vascular tone. British Journal of Pharmacology, 2019, 176, 4625-4638.	2.7	26
14	Inhibition of mPGES-1 or COX-2 Results in Different Proteomic and Lipidomic Profiles in A549 Lung Cancer Cells. Frontiers in Pharmacology, 2019, 10, 636.	1.6	24
15	Targeted lipidomics analysis identified altered serum lipid profiles in patients with polymyositis and dermatomyositis. Arthritis Research and Therapy, 2018, 20, 83.	1.6	22
16	Effects on muscle tissue remodeling and lipid metabolism in muscle tissue from adult patients with polymyositis or dermatomyositis treated with immunosuppressive agents. Arthritis Research and Therapy, 2016, 18, 136.	1.6	20
17	Microsomal Prostaglandin E Synthase-1 in Rheumatic Diseases. Frontiers in Pharmacology, 2010, 1, 146.	1.6	19
18	Establishment of an in vitro 3D model for neuroblastoma enables preclinical investigation of combined tumor-stroma drug targeting. FASEB Journal, 2020, 34, 11101-11114.	0.2	18

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19	Mechanistic definition of the cardiovascular mPGES-1/COX-2/ADMA axis. <i>Cardiovascular Research</i> , 2020, 116, 1972-1980.	1.8	16
20	Variants of gene for microsomal prostaglandin E2 synthase show association with disease and severe inflammation in rheumatoid arthritis. <i>European Journal of Human Genetics</i> , 2011, 19, 908-914.	1.4	13
21	Impaired vagus-mediated immunosuppression in microsomal prostaglandin E synthase-1 deficient mice. <i>Prostaglandins and Other Lipid Mediators</i> , 2015, 121, 155-162.	1.0	9
22	Deletion of mPGES-1 affects platelet functions in mice. <i>Clinical Science</i> , 2016, 130, 2295-2303.	1.8	9
23	Expression of Prostaglandin E2 Enzymes in the Synovium of Arthralgia Patients at Risk of Developing Rheumatoid Arthritis and in Early Arthritis Patients. <i>PLoS ONE</i> , 2015, 10, e0133669.	1.1	9
24	Microsomal prostaglandin E synthase-1 gene deletion impairs neuro-immune circuitry of the cholinergic anti-inflammatory pathway in endotoxaemic mouse spleen. <i>PLoS ONE</i> , 2018, 13, e0193210.	1.1	8
25	Effects of microsomal prostaglandin E synthase-1 inhibition on resistance artery tone in patients with end stage kidney disease. <i>British Journal of Pharmacology</i> , 2022, 179, 1433-1449.	2.7	5
26	Effect of immunosuppressive treatment on gene expression in muscle from patients with polymyositis and dermatomyositis. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, A43.1-A43.	0.5	0
27	A2.7â€¦Effects of Vagus Nerve Stimulation on the Central Prostaglandin System and Substance P Following Peripheral Inflammation. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, A6.2-A7.	0.5	0
28	A10.12â€¦Characterisation of a New mPGES-1 Inhibitor in Human and Murine Models of Inflammation. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, A76.1-A76.	0.5	0
29	05.16â€¦Transcriptome visualisation of the inflamed rheumatoid arthritis joint. , 2017, , .		0