

Arseniy E Yuzhalin

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

2,512
citations

236833

25
h-index

206029

48
g-index

103
all docs

103
docs citations

103
times ranked

4380
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting the CCL2-CCR2 signaling axis in cancer metastasis. <i>Oncotarget</i> , 2016, 7, 28697-28710.	0.8	378
2	Tumor-infiltrating monocytes/macrophages promote tumor invasion and migration by upregulating S100A8 and S100A9 expression in cancer cells. <i>Oncogene</i> , 2016, 35, 5735-5745.	2.6	151
3	Degeneration of Bioprosthetic Heart Valves: Update 2020. <i>Journal of the American Heart Association</i> , 2020, 9, e018506.	1.6	150
4	Colorectal cancer liver metastatic growth depends on PAD4-driven citrullination of the extracellular matrix. <i>Nature Communications</i> , 2018, 9, 4783.	5.8	134
5	Dynamic matrisome: ECM remodeling factors licensing cancer progression and metastasis. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2018, 1870, 207-228.	3.3	102
6	A core matrisome gene signature predicts cancer outcome. <i>British Journal of Cancer</i> , 2018, 118, 435-440.	2.9	100
7	Citrullination in Cancer. <i>Cancer Research</i> , 2019, 79, 1274-1284.	0.4	96
8	Neutrophils promote hepatic metastasis growth through fibroblast growth factor 2-dependent angiogenesis in mice. <i>Hepatology</i> , 2017, 65, 1920-1935.	3.6	92
9	Development of calcific aortic valve disease: Do we know enough for new clinical trials?. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 132, 189-209.	0.9	68
10	Radiation combined with macrophage depletion promotes adaptive immunity and potentiates checkpoint blockade. <i>EMBO Molecular Medicine</i> , 2018, 10, .	3.3	64
11	The role of interleukin DNA polymorphisms in gastric cancer. <i>Human Immunology</i> , 2011, 72, 1128-1136.	1.2	63
12	Interleukin-12: Clinical usage and molecular markers of cancer susceptibility. <i>Growth Factors</i> , 2012, 30, 176-191.	0.5	62
13	Cancer Extracellular Matrix Proteins Regulate Tumour Immunity. <i>Cancers</i> , 2020, 12, 3331.	1.7	60
14	Correlation between genetic polymorphisms within IL-1B and TLR4 genes and cancer risk in a Russian population: a case-control study. <i>Tumor Biology</i> , 2014, 35, 4821-4830.	0.8	54
15	Tumour-Derived Laminin β 5 (LAMA5) Promotes Colorectal Liver Metastasis Growth, Branching Angiogenesis and Notch Pathway Inhibition. <i>Cancers</i> , 2019, 11, 630.	1.7	52
16	Shear stress: An essential driver of endothelial progenitor cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 118, 46-69.	0.9	51
17	Macrophage migration inhibitory factor: A key cytokine and therapeutic target in colon cancer. <i>Cytokine and Growth Factor Reviews</i> , 2015, 26, 451-461.	3.2	50
18	ABO and Rh Blood Groups in Relation to Ovarian, Endometrial and Cervical Cancer Risk Among The Population of South-East Siberia. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012, 13, 5091-5096.	0.5	46

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19	Calcioprotein Particles. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1607-1624.	1.1	40
20	Inherited variations in the <i>SOD</i> and <i>GPX</i> gene families and cancer risk. <i>Free Radical Research</i> , 2012, 46, 581-599.	1.5	39
21	Association of TLR and TREM-1 gene polymorphisms with risk of coronary artery disease in a Russian population. <i>Gene</i> , 2014, 550, 101-109.	1.0	38
22	Apoptosis-mediated endothelial toxicity but not direct calcification or functional changes in anti-calcification proteins defines pathogenic effects of calcium phosphate bions. <i>Scientific Reports</i> , 2016, 6, 27255.	1.6	37
23	Modeling of transcatheter aortic valve replacement: Patient specific vs general approaches based on finite element analysis. <i>Computers in Biology and Medicine</i> , 2016, 69, 29-36.	3.9	36
24	Vitamin E Enhances Cancer Immunotherapy by Reinvigorating Dendritic Cells via Targeting Checkpoint SHP1. <i>Cancer Discovery</i> , 2022, 12, 1742-1759.	7.7	35
25	Association of TLR and TREM-1 gene polymorphisms with atherosclerosis severity in a Russian population. <i>Meta Gene</i> , 2016, 9, 76-89.	0.3	32
26	An association between single nucleotide polymorphisms within TLR and TREM-1 genes and infective endocarditis. <i>Cytokine</i> , 2015, 71, 16-21.	1.4	28
27	The role of calcifying nanoparticles in biology and medicine. <i>International Journal of Nanomedicine</i> , 2012, 7, 339.	3.3	26
28	Brain Metastasis Organotropism. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2020, 10, a037242.	2.9	26
29	Colorectal Cancer Risk Factors among the Population of South-East Siberia: A Case-Control Study. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012, 13, 5183-5188.	0.5	24
30	Association of DNA repair gene polymorphisms with genotoxic stress in underground coal miners. <i>Mutagenesis</i> , 2017, 32, 501-509.	1.0	22
31	C-type lectin receptors and RIG-I-like receptors: new points on the oncogenomics map. <i>Cancer Management and Research</i> , 2012, 4, 39.	0.9	21
32	Analysis of Cancer Incidence and Mortality in the Industrial Region of South-East Siberia from 1991 through 2010. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012, 13, 5189-5193.	0.5	21
33	Common Genetic Variants in the Myeloperoxidase and Paraoxonase Genes and the Related Cancer Risk: A Review. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 2012, 30, 287-322.	2.9	20
34	Biocompatibility of Small-Diameter Vascular Grafts in Different Modes of RGD Modification. <i>Polymers</i> , 2019, 11, 174.	2.0	20
35	Inherited variation in pattern recognition receptors and cancer: dangerous liaisons?. <i>Cancer Management and Research</i> , 2012, 4, 31.	0.9	19
36	Genetic predisposition to calcific aortic stenosis and mitral annular calcification. <i>Molecular Biology Reports</i> , 2014, 41, 5645-5663.	1.0	19

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37	Mitomycin C induced genotoxic stress in endothelial cells is associated with differential expression of proinflammatory cytokines. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2020, 858-860, 503252.	0.9	18
38	Integrative systems of genomic risk markers for cancer and other diseases: future of predictive medicine. <i>Cancer Management and Research</i> , 2012, 4, 131.	0.9	17
39	Computer-aided design of the human aortic root. <i>Computers in Biology and Medicine</i> , 2014, 54, 109-115.	3.9	17
40	Biocompatible Nanocomposites Based on Poly(styrene-block-isobutylene-block-styrene) and Carbon Nanotubes for Biomedical Application. <i>Polymers</i> , 2020, 12, 2158.	2.0	16
41	A Brief Report on an Implantation of Small-Caliber Biodegradable Vascular Grafts in a Carotid Artery of the Sheep. <i>Pharmaceuticals</i> , 2020, 13, 101.	1.7	15
42	Pattern Recognition Receptors and DNA Repair: Starting to Put a Jigsaw Puzzle Together. <i>Frontiers in Immunology</i> , 2014, 5, 343.	2.2	13
43	Inherited Variation in Cytokine, Acute Phase Response, and Calcium Metabolism Genes Affects Susceptibility to Infective Endocarditis. <i>Mediators of Inflammation</i> , 2017, 2017, 1-21.	1.4	10
44	Editorial: Pattern Recognition Receptors and Cancer. <i>Frontiers in Immunology</i> , 2015, 6, 481.	2.2	9
45	Comparison of xenopericardial patches of different origin and type of fixation implemented for TAVI. <i>International Journal of Biomedical Engineering and Technology</i> , 2017, 25, 44.	0.2	9
46	A Genomics-Based Model for Prediction of Severe Bioprosthetic Mitral Valve Calcification. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1385.	1.8	8
47	Adipokine gene expression in adipocytes isolated from different fat depots of coronary artery disease patients. <i>Archives of Physiology and Biochemistry</i> , 2022, 128, 261-269.	1.0	8
48	Are Toll-like receptor gene polymorphisms associated with prostate cancer?. <i>Cancer Management and Research</i> , 2012, 4, 23.	0.9	7
49	Proteomics analysis of the matrisome from MC38 experimental mouse liver metastases. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, G625-G639.	1.6	7
50	Biodegradable Patches for Arterial Reconstruction Modified with RGD Peptides: Results of an Experimental Study. <i>ACS Omega</i> , 2020, 5, 21700-21711.	1.6	7
51	Parallels between the extracellular matrix roles in developmental biology and cancer biology. <i>Seminars in Cell and Developmental Biology</i> , 2021, , .	2.3	7
52	Mimiviridae, Marseilleviridae, and virophages as emerging human pathogens causing healthcare-associated infections. <i>GMS Hygiene and Infection Control</i> , 2014, 9, Doc16.	0.2	7
53	Calciprotein Particles Link Disturbed Mineral Homeostasis with Cardiovascular Disease by Causing Endothelial Dysfunction and Vascular Inflammation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12458.	1.8	7
54	Calcifying nanoparticles: one face of distinct entities?. <i>Frontiers in Microbiology</i> , 2014, 5, 214.	1.5	6

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55	Whole-Transcriptome Sequencing: A Powerful Tool for Vascular Tissue Engineering and Endothelial Mechanobiology. High-Throughput, 2018, 7, 5.	4.4	6
56	Finite Element Analysis-Based Approach for Prediction of Aneurysm-Prone Arterial Segments. Journal of Medical and Biological Engineering, 2019, 39, 102-108.	1.0	6
57	Infectious Agents and Cancer. , 2013, , .		4
58	IL-6 Family and Cancer. , 2015, , 117-146.		4
59	Editorial: recent discoveries in evolutionary and genomic microbiology. Frontiers in Microbiology, 2015, 6, 323.	1.5	3
60	A Hypothesis of Virus-Driven Atherosclerosis. SpringerBriefs in Immunology, 2013, , 1-3.	0.1	2
61	Genomics of Pattern Recognition Receptors. , 2013, , .		2
62	The Biology of Toll-Like Receptors and NOD-Like Receptors: The Toggles of Inflammation. , 2013, , 1-25.		2
63	Criteria for standartization of probiotic components in functional food products. Foods and Raw Materials, 2018, 6, 457-466.	0.8	2
64	Comparison of xenopericardial patches of different origin and type of fixation implemented for TAVI. International Journal of Biomedical Engineering and Technology, 2017, 25, 44.	0.2	2
65	Interleukin-3, Interleukin-5, and Cancer. , 2015, , 91-116.		1
66	The Rest of Interleukins. , 2015, , 291-318.		1
67	State-of-the-art technology for cardiovascular research. Complex Issues of Cardiovascular Diseases, 2021, 10, 103-108.	0.3	1
68	The Role of Epstein-Barr Virus in Atherosclerosis and Related Diseases. SpringerBriefs in Immunology, 2013, , 21-33.	0.1	1
69	Hepatitis Viruses, Atherosclerosis, and Related Diseases. SpringerBriefs in Immunology, 2013, , 49-63.	0.1	1
70	Pattern Recognition Receptors, Gene Polymorphisms, and Cancer: A Double-Edged Sword. , 2013, , 27-32.		1
71	The Role of Protozoa in Cancer Development. , 2013, , 79-87.		1
72	POLYMORPHISMS WITHIN INNATE IMMUNE RESPONSE, CALCIUM METABOLISM AND LIPID METABOLISM ARE PREDICTORS OF INFECTIVE ENDOCARDITIS. Russian Journal of Infection and Immunity, 2017, 7, 130-140.	0.2	1

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73	PROTEOMIC COMPARISON OF EXTRACELLULAR MATRIX WITHIN LIVER METASTASES OF COLORECTAL CANCER AND NORMAL LIVER. <i>Fundamental and Clinical Medicine</i> , 2018, 3, 16-21.	0.1	1
74	Abstract 998: Radiation-induced immunosuppressive macrophages limit CD8 T-cell mediated tumor killing. <i>Cancer Research</i> , 2018, 78, 998-998.	0.4	1
75	RS13290979 POLYMORPHISM WITHIN NOTCH1 GENE IS ASSOCIATED WITH SEVERE BIOPROSTHETIC MITRAL VALVE CALCIFICATION. <i>Fundamental and Clinical Medicine</i> , 2018, 3, 12-21.	0.1	1
76	The Role of Bacteria in Cancer Development. , 2013, , 5-78.		0
77	Structural Genomic Variation in Toll-Like Receptor Signaling Pathway and Cancer. , 2013, , 77-100.		0
78	Organ Microbiota in Cancer Development: The Holy Grail of Biological Carcinogenesis. , 2013, , 93-109.		0
79	Interleukin-12 Superfamily and Cancer. , 2015, , 223-260.		0
80	Interleukin-1 Superfamily and Cancer. , 2015, , 17-61.		0
81	Interleukin-2 Superfamily and Cancer. , 2015, , 63-89.		0
82	Interleukin-17 Superfamily and Cancer. , 2015, , 261-289.		0
83	Interleukin-10 Superfamily and Cancer. , 2015, , 147-222.		0
84	Structural Genomic Variation in TLR4 Gene and Cancer. , 2013, , 33-55.		0
85	The Role of Enteroviruses, Parvovirus B19, Respiratory Syncytial Virus, and Measles Virus in Atherosclerosis and Related Diseases. <i>SpringerBriefs in Immunology</i> , 2013, , 35-47.	0.1	0
86	The Role of Herpes Simplex Virus-1 and Herpes Simplex Virus-2 in Atherosclerosis. <i>SpringerBriefs in Immunology</i> , 2013, , 5-19.	0.1	0
87	Structural Genomic Variation in Pattern Recognition Receptors and Cardiovascular Diseases. , 2013, , 153-167.		0
88	Structural Genomic Variation in Other Toll-Like Receptors and Cancer. , 2013, , 57-76.		0
89	Structural Genomic Variation in NOD-Like Receptors and Cancer. , 2013, , 123-151.		0
90	MASS SPECTROMETRY OF PROTEINS EXTRACTED FROM PLAQUE-DERIVED CALCIUM PHOSPHATE BIONS. <i>Fundamental and Clinical Medicine</i> , 2018, 3, 12-19.	0.1	0

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91	Extract of the Herb Hedysarum Alpinum L. as a Component of Functional Food Products with Cardioprotective Properties. Food Industry, 2019, 4, 52-57.	0.3	0
92	Abstract 3947: Mass-spectrometry analysis of metastatic matrisome from MC38 experimental liver metastasis. , 2020, , .		0