

# Zoi Piperigkou

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

2,208  
citations

257357

24  
h-index

330025

37  
g-index

45  
all docs

45  
docs citations

45  
times ranked

2688  
citing authors

#	ARTICLE	IF	CITATIONS
1	A guide to the composition and functions of the extracellular matrix. FEBS Journal, 2021, 288, 6850-6912.	2.2	320
2	Hyaluronan: molecular sizeâ€dependent signaling and biological functions in inflammation and cancer. FEBS Journal, 2019, 286, 2883-2908.	2.2	266
3	Proteoglycan Chemical Diversity Drives Multifunctional Cell Regulation and Therapeutics. Chemical Reviews, 2018, 118, 9152-9232.	23.0	253
4	Protein bio-corona: critical issue in immune nanotoxicology. Archives of Toxicology, 2017, 91, 1031-1048.	1.9	182
5	Estrogen receptor alpha mediates epithelial to mesenchymal transition, expression of specific matrix effectors and functional properties of breast cancer cells. Matrix Biology, 2015, 43, 42-60.	1.5	140
6	Emerging aspects of nanotoxicology in health and disease: From agriculture and food sector to cancer therapeutics. Food and Chemical Toxicology, 2016, 91, 42-57.	1.8	107
7	Shed proteoglycans in tumor stroma. Cell and Tissue Research, 2016, 365, 643-655.	1.5	70
8	Estrogen receptor beta modulates breast cancer cells functional properties, signaling and expression of matrix molecules. Matrix Biology, 2016, 56, 4-23.	1.5	66
9	Extracellular matrix-based cancer targeting. Trends in Molecular Medicine, 2021, 27, 1000-1013.	3.5	66
10	Lumican effectively regulates the estrogen receptors-associated functional properties of breast cancer cells, expression of matrix effectors and epithelial-to-mesenchymal transition. Scientific Reports, 2017, 7, 45138.	1.6	59
11	Key Matrix Remodeling Enzymes: Functions and Targeting in Cancer. Cancers, 2021, 13, 1441.	1.7	55
12	Strategies to Target Matrix Metalloproteinases as Therapeutic Approach in Cancer. Methods in Molecular Biology, 2018, 1731, 325-348.	0.4	50
13	Evaluation of the coordinated actions of estrogen receptors with epidermal growth factor receptor and insulinâ€like growth factor receptor in the expression of cell surface heparan sulfate proteoglycans and cell motility in breast cancer cells. FEBS Journal, 2013, 280, 2248-2259.	2.2	47
14	Insights into the key roles of epigenetics in matrix macromolecules-associated wound healing. Advanced Drug Delivery Reviews, 2018, 129, 16-36.	6.6	47
15	Estrogen receptor beta as epigenetic mediator of miR-10b and miR-145 in mammary cancer. Matrix Biology, 2017, 64, 94-111.	1.5	43
16	Extracellular Matrix-Mediated Breast Cancer Cells Morphological Alterations, Invasiveness, and Microvesicles/Exosomes Release. Cells, 2020, 9, 2031.	1.8	40
17	Advances in targeting epidermal growth factor receptor signaling pathway in mammary cancer. Cellular Signalling, 2018, 51, 99-109.	1.7	38
18	Epigenetic Alterations in Triple-Negative Breast Cancerâ€The Critical Role of Extracellular Matrix. Cancers, 2021, 13, 713.	1.7	35

#	ARTICLE	IF	CITATIONS
19	Estrogen receptor-mediated targeting of the extracellular matrix network in cancer. <i>Seminars in Cancer Biology</i> , 2020, 62, 116-124.	4.3	34
20	Dynamic Interplay between miRNAs and the Extracellular Matrix Influences the Tumor Microenvironment. <i>Trends in Biochemical Sciences</i> , 2019, 44, 1076-1088.	3.7	33
21	Molecular size-dependent specificity of hyaluronan on functional properties, morphology and matrix composition of mammary cancer cells. <i>Matrix Biology Plus</i> , 2019, 3, 100008.	1.9	31
22	Collagen Fiber Array of Peritumoral Stroma Influences Epithelial-to-Mesenchymal Transition and Invasive Potential of Mammary Cancer Cells. <i>Journal of Clinical Medicine</i> , 2019, 8, 213.	1.0	31
23	Long filopodia and tunneling nanotubes define new phenotypes of breast cancer cells in 3D cultures. <i>Matrix Biology Plus</i> , 2020, 6-7, 100026.	1.9	29
24	The role of heparins and nano-heparins as therapeutic tool in breast cancer. <i>Glycoconjugate Journal</i> , 2017, 34, 299-307.	1.4	28
25	Circulating Heparan Sulfate Proteoglycans as Biomarkers in Health and Disease. <i>Seminars in Thrombosis and Hemostasis</i> , 2021, 47, 295-307.	1.5	25
26	miR-200b restrains EMT and aggressiveness and regulates matrix composition depending on ER status and signaling in mammary cancer. <i>Matrix Biology Plus</i> , 2020, 6-7, 100024.	1.9	21
27	Biochemical and toxicological evaluation of nano-heparins in cell functional properties, proteasome activation and expression of key matrix molecules. <i>Toxicology Letters</i> , 2016, 240, 32-42.	0.4	20
28	EGFR is a pivotal player of the E2/ER $\alpha$ mediated functional properties, aggressiveness, and stemness in triple-negative breast cancer cells. <i>FEBS Journal</i> , 2022, 289, 1552-1574.	2.2	13
29	The action of hyaluronan in functional properties, morphology and expression of matrix effectors in mammary cancer cells depends on its molecular size. <i>FEBS Journal</i> , 2021, 288, 4291-4310.	2.2	11
30	Synthesis and antiproliferative activity of two diastereomeric lignan amides serving as dimeric caffeic acid-l-DOPA hybrids. <i>Bioorganic Chemistry</i> , 2016, 66, 132-144.	2.0	9
31	Potent antiproliferative activity of bradykinin B2 receptor selective agonist FR-190997 and analogue structures thereof: A paradox resolved?. <i>European Journal of Medicinal Chemistry</i> , 2021, 210, 112948.	2.6	9
32	The microRNA-cell surface proteoglycan axis in cancer progression. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 322, C825-C832.	2.1	8
33	ER $\alpha$ -GFR/ER $\alpha$ -Mediated Cell Morphology and Invasion Capacity Are Associated with Matrix Culture Substrates in Breast Cancer. <i>Cells</i> , 2020, 9, 2256.	1.8	7
34	Tuning the Spin-Crossover Behaviour in Fe(II) Polymeric Composites for Food Packaging Applications. <i>Magnetochemistry</i> , 2022, 8, 16.	1.0	5
35	New Analogs of Polyamine Toxins from Spiders and Wasps: Liquid Phase Fragment Synthesis and Evaluation of Antiproliferative Activity. <i>Molecules</i> , 2022, 27, 447.	1.7	3
36	Hyaluronan as a "Agent Smith" in cancer extracellular matrix pathobiology: Regulatory roles in immune response, cancer progression and targeting. <i>IUBMB Life</i> , 2022, 74, 943-954.	1.5	3

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37	Matrix Effectors and Cancer. <i>Cancers</i> , 2022, 14, 200.	1.7	2
38	ESR2 Drives Mesenchymal-to-Epithelial Transition in Triple-Negative Breast Cancer and Tumorigenesis In Vivo. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	2