

# Dongya Jia

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

3,363  
citations

331670

21  
h-index

580821

25  
g-index

48  
all docs

48  
docs citations

48  
times ranked

4746  
citing authors

#	ARTICLE	IF	CITATIONS
1	Implications of the Hybrid Epithelial/Mesenchymal Phenotype in Metastasis. <i>Frontiers in Oncology</i> , 2015, 5, 155.	2.8	581
2	Tumor Budding: The Name is EMT. Partial EMT.. <i>Journal of Clinical Medicine</i> , 2016, 5, 51.	2.4	369
3	Stability of the hybrid epithelial/mesenchymal phenotype. <i>Oncotarget</i> , 2016, 7, 27067-27084.	1.8	367
4	HIF-1-Mediated Suppression of Acyl-CoA Dehydrogenases and Fatty Acid Oxidation Is Critical for Cancer Progression. <i>Cell Reports</i> , 2014, 8, 1930-1942.	6.4	258
5	Elucidating cancer metabolic plasticity by coupling gene regulation with metabolic pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3909-3918.	7.1	227
6	Modeling the Genetic Regulation of Cancer Metabolism: Interplay between Glycolysis and Oxidative Phosphorylation. <i>Cancer Research</i> , 2017, 77, 1564-1574.	0.9	207
7	Elucidating the Metabolic Plasticity of Cancer: Mitochondrial Reprogramming and Hybrid Metabolic States. <i>Cells</i> , 2018, 7, 21.	4.1	167
8	Interrogating the topological robustness of gene regulatory circuits by randomization. <i>PLoS Computational Biology</i> , 2017, 13, e1005456.	3.2	161
9	Coupling the modules of EMT and stemness: A tunable "stemness window"™ model. <i>Oncotarget</i> , 2015, 6, 25161-25174.	1.8	157
10	OVOL guides the epithelial-hybrid-mesenchymal transition. <i>Oncotarget</i> , 2015, 6, 15436-15448.	1.8	121
11	The GRHL2/ZEB Feedback Loop-A Key Axis in the Regulation of EMT in Breast Cancer. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 2559-2570.	2.6	90
12	Phosphorylation-induced conformational dynamics in an intrinsically disordered protein and potential role in phenotypic heterogeneity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E2644-E2653.	7.1	72
13	Interconnected feedback loops among ESRP1, HAS2, and CD44 regulate epithelial-mesenchymal plasticity in cancer. <i>APL Bioengineering</i> , 2018, 2, 031908.	6.2	71
14	Phenotypic Plasticity and Cell Fate Decisions in Cancer: Insights from Dynamical Systems Theory. <i>Cancers</i> , 2017, 9, 70.	3.7	70
15	Distinguishing mechanisms underlying EMT tristability. <i>Cancer Convergence</i> , 2017, 1, 2.	8.0	69
16	Quantifying Cancer Epithelial-Mesenchymal Plasticity and its Association with Stemness and Immune Response. <i>Journal of Clinical Medicine</i> , 2019, 8, 725.	2.4	63
17	Towards decoding the coupled decision-making of metabolism and epithelial-to-mesenchymal transition in cancer. <i>British Journal of Cancer</i> , 2021, 124, 1902-1911.	6.4	63
18	Operating principles of tristable circuits regulating cellular differentiation. <i>Physical Biology</i> , 2017, 14, 035007.	1.8	49

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19	RACIPE: a computational tool for modeling gene regulatory circuits using randomization. BMC Systems Biology, 2018, 12, 74.	3.0	43
20	Testing the gene expression classification of the EMT spectrum. Physical Biology, 2019, 16, 025002.	1.8	35
21	Breast cancer dormancy: need for clinically relevant models to address current gaps in knowledge. Npj Breast Cancer, 2021, 7, 66.	5.2	35
22	Drug-Tolerant Idling Melanoma Cells Exhibit Theory-Predicted Metabolic Low-Low Phenotype. Frontiers in Oncology, 2020, 10, 1426.	2.8	24
23	Decoding the mechanisms underlying cell-fate decision-making during stem cell differentiation by random circuit perturbation. Journal of the Royal Society Interface, 2020, 17, 20200500.	3.4	19
24	Modeling delayed processes in biological systems. Physical Review E, 2016, 94, 032408.	2.1	14
25	Modularity of the metabolic gene network as a prognostic biomarker for hepatocellular carcinoma. Oncotarget, 2018, 9, 15015-15026.	1.8	2
26	Epithelial-mesenchymal transition in cancer. , 2020, , 553-568.		1
27	Abstract 2397: Significance of the combination of biguanides and fatty acid $\hat{1}^2$ -oxidation inhibitors in triple-negative breast cancer. , 2021, , .		0
28	Abstract B2-24: OVOL: A brake on EMT, driver of MET and expander of the hybrid E/M phenotype. , 2015, , .		0
29	Abstract 5568: Towards decoding the interplay between glycolysis and oxidative phosphorylation in cancer. , 2017, , .		0
30	Abstract 3053: Stability and stemness of the hybrid epithelial-mesenchymal phenotype. , 2017, , .		0
31	Abstract 1331: Inhibition of mitochondrial reprogramming regulated c-Src in triple-negative breast cancer activates autophagy-mediated survival mechanism. , 2018, , .		0
32	Abstract P2-02-14: Metabolic regulation and drug resistance in c-Src activated triple negative breast cancer. , 2019, , .		0
33	Abstract P2-02-11: Combinational treatment of biguanides and fatty acid $\hat{1}^2$ -oxidation inhibitor in triple-negative breast cancers. , 2019, , .		0
34	Abstract 2448: Elucidating the metabolic plasticity of cancer by coupling gene regulation with metabolic pathways. , 2019, , .		0
35	Abstract P3-06-12: Autophagy-mediated survival mechanism to c-Src inhibitor therapy in triple negative breast cancer. , 2020, , .		0
36	A data denoising approach to optimize functional clustering of single cell RNA-sequencing data. , 2020, , .		0

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37	Abstract P3-06-16: Synergistic effect of biguanides and fatty acid $\beta$ -oxidation inhibitor in triple-negative breast cancers. , 2020, , .		0
38	Abstract 2448: Elucidating the metabolic plasticity of cancer by coupling gene regulation with metabolic pathways. , 2019, , .		0