

# 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	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
2	Breast cancer dormancy: need for clinically relevant models to address current gaps in knowledge. <i>Npj Breast Cancer</i> , 2021, 7, 66.	5.2	35
3	Abstract 2397: Significance of the combination of biguanides and fatty acid $\beta$ -oxidation inhibitors in triple-negative breast cancer. , 2021, , .		0
4	Epithelial-mesenchymal transition in cancer. , 2020, , 553-568.		1
5	Decoding the mechanisms underlying cell-fate decision-making during stem cell differentiation by random circuit perturbation. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200500.	3.4	19
6	Drug-Tolerant Idling Melanoma Cells Exhibit Theory-Predicted Metabolic Low-Low Phenotype. <i>Frontiers in Oncology</i> , 2020, 10, 1426.	2.8	24
7	Abstract P3-06-12: Autophagy-mediated survival mechanism to c-Src inhibitor therapy in triple negative breast cancer. , 2020, , .		0
8	A data denoising approach to optimize functional clustering of single cell RNA-sequencing data. , 2020, , .		0
9	Abstract P3-06-16: Synergistic effect of biguanides and fatty acid $\beta$ -oxidation inhibitor in triple-negative breast cancers. , 2020, , .		0
10	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
11	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
12	Testing the gene expression classification of the EMT spectrum. <i>Physical Biology</i> , 2019, 16, 025002.	1.8	35
13	Abstract P2-02-14: Metabolic regulation and drug resistance in c-Src activated triple negative breast cancer. , 2019, , .		0
14	Abstract P2-02-11: Combinational treatment of biguanides and fatty acid $\beta$ -oxidation inhibitor in triple-negative breast cancers. , 2019, , .		0
15	Abstract 2448: Elucidating the metabolic plasticity of cancer by coupling gene regulation with metabolic pathways. , 2019, , .		0
16	Abstract 2448: Elucidating the metabolic plasticity of cancer by coupling gene regulation with metabolic pathways. , 2019, , .		0
17	Interconnected feedback loops among ESRP1, HAS2, and CD44 regulate epithelial-mesenchymal plasticity in cancer. <i>APL Bioengineering</i> , 2018, 2, 031908.	6.2	71
18	RACIPE: a computational tool for modeling gene regulatory circuits using randomization. <i>BMC Systems Biology</i> , 2018, 12, 74.	3.0	43

#	ARTICLE	IF	CITATIONS
19	Elucidating the Metabolic Plasticity of Cancer: Mitochondrial Reprogramming and Hybrid Metabolic States. <i>Cells</i> , 2018, 7, 21.	4.1	167
20	Modularity of the metabolic gene network as a prognostic biomarker for hepatocellular carcinoma. <i>Oncotarget</i> , 2018, 9, 15015-15026.	1.8	2
21	Abstract 1331: Inhibition of mitochondrial reprogramming regulated c-Src in triple-negative breast cancer activates autophagy-mediated survival mechanism. , 2018, , .		0
22	Modeling the Genetic Regulation of Cancer Metabolism: Interplay between Glycolysis and Oxidative Phosphorylation. <i>Cancer Research</i> , 2017, 77, 1564-1574.	0.9	207
23	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
24	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
25	Operating principles of tristable circuits regulating cellular differentiation. <i>Physical Biology</i> , 2017, 14, 035007.	1.8	49
26	Distinguishing mechanisms underlying EMT tristability. <i>Cancer Convergence</i> , 2017, 1, 2.	8.0	69
27	Phenotypic Plasticity and Cell Fate Decisions in Cancer: Insights from Dynamical Systems Theory. <i>Cancers</i> , 2017, 9, 70.	3.7	70
28	Interrogating the topological robustness of gene regulatory circuits by randomization. <i>PLoS Computational Biology</i> , 2017, 13, e1005456.	3.2	161
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	Stability of the hybrid epithelial/mesenchymal phenotype. <i>Oncotarget</i> , 2016, 7, 27067-27084.	1.8	367
32	Tumor Budding: The Name is EMT. Partial EMT.. <i>Journal of Clinical Medicine</i> , 2016, 5, 51.	2.4	369
33	Modeling delayed processes in biological systems. <i>Physical Review E</i> , 2016, 94, 032408.	2.1	14
34	Implications of the Hybrid Epithelial/Mesenchymal Phenotype in Metastasis. <i>Frontiers in Oncology</i> , 2015, 5, 155.	2.8	581
35	OVOL guides the epithelial-hybrid-mesenchymal transition. <i>Oncotarget</i> , 2015, 6, 15436-15448.	1.8	121
36	Coupling the modules of EMT and stemness: A tunable "stemness window"™ model. <i>Oncotarget</i> , 2015, 6, 25161-25174.	1.8	157

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37	Abstract B2-24: OVOL: A brake on EMT, driver of MET and expander of the hybrid E/M phenotype. , 2015, , .		0
38	HIF-1-Mediated Suppression of Acyl-CoA Dehydrogenases and Fatty Acid Oxidation Is Critical for Cancer Progression. Cell Reports, 2014, 8, 1930-1942.	6.4	258