Dongya Jia

List of Publications by Citations

29 papers	2,218 citations	18 h-index	47 g-index
48 ext. papers	2,997 ext. citations	5.7 avg, IF	5.02 L-index

#	Paper	IF	Citations
29	Implications of the Hybrid Epithelial/Mesenchymal Phenotype in Metastasis. *Frontiers in Oncology*, **2015**, 5, 155	5.3	414
28	Stability of the hybrid epithelial/mesenchymal phenotype. *Oncotarget*, **2016**, 7, 27067-84	3.3	259
27	Tumor Budding: The Name is EMT. Partial EMT. *Journal of Clinical Medicine*, **2016**, 5,	5.1	258
26	HIF-1-mediated suppression of acyl-CoA dehydrogenases and fatty acid oxidation is critical for cancer progression. *Cell Reports*, **2014**, 8, 1930-1942	10.6	197
25	Modeling the Genetic Regulation of Cancer Metabolism: Interplay between Glycolysis and Oxidative Phosphorylation. *Cancer Research*, **2017**, 77, 1564-1574	10.1	142
24	Elucidating cancer metabolic plasticity by coupling gene regulation with metabolic pathways. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 3909-3918	11.5	138
23	Coupling the modules of EMT and stemness: A tunable ℨstemness windowℨmodel. *Oncotarget*, **2015**, 6, 25161-74	3.3	116
22	Elucidating the Metabolic Plasticity of Cancer: Mitochondrial Reprogramming and Hybrid Metabolic States. *Cells*, **2018**, 7,	7.9	104
21	OVOL guides the epithelial-hybrid-mesenchymal transition. *Oncotarget*, **2015**, 6, 15436-48	3.3	92
20	Interrogating the topological robustness of gene regulatory circuits by randomization. *PLoS Computational Biology*, **2017**, 13, e1005456	5	86
19	The GRHL2/ZEB Feedback Loop-A Key Axis in the Regulation of EMT in Breast Cancer. *Journal of Cellular Biochemistry*, **2017**, 118, 2559-2570	4.7	63
18	Phosphorylation-induced conformational dynamics in an intrinsically disordered protein and potential role in phenotypic heterogeneity. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E2644-E2653	11.5	55
17	Phenotypic Plasticity and Cell Fate Decisions in Cancer: Insights from Dynamical Systems Theory. *Cancers*, **2017**, 9,	6.6	51
16	Distinguishing mechanisms underlying EMT tristability **2017**, 1, 2		47
15	Interconnected feedback loops among ESRP1, HAS2, and CD44 regulate epithelial-mesenchymal plasticity in cancer. *APL Bioengineering*, **2018**, 2, 031908	6.6	46
14	Quantifying Cancer Epithelial-Mesenchymal Plasticity and its Association with Stemness and Immune Response. *Journal of Clinical Medicine*, **2019**, 8,	5.1	41
13	Operating principles of tristable circuits regulating cellular differentiation. *Physical Biology*, **2017**, 14, 035007	3	22

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12	Testing the gene expression classification of the EMT spectrum. *Physical Biology*, **2019**, 16, 025002	3	22
11	RACIPE: a computational tool for modeling gene regulatory circuits using randomization. *BMC Systems Biology*, **2018**, 12, 74	3.5	15
10	Towards decoding the coupled decision-making of metabolism and epithelial-to-mesenchymal transition in cancer. *British Journal of Cancer*, **2021**, 124, 1902-1911	8.7	14
9	Modeling delayed processes in biological systems. *Physical Review E*, **2016**, 94, 032408	2.4	9
8	Breast cancer dormancy: need for clinically relevant models to address current gaps in knowledge. *Npj Breast Cancer*, **2021**, 7, 66	7.8	8
7	Drug-Tolerant Idling Melanoma Cells Exhibit Theory-Predicted Metabolic Low-Low Phenotype. *Frontiers in Oncology*, **2020**, 10, 1426	5.3	7
6	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	4.1	4
5	Phenotypic Plasticity and Cell Fate Decisions in Cancer: Insights from Dynamical Systems Theory		2
4	Distinguishing Mechanisms Underlying EMT Tristability		2
3	Modularity of the metabolic gene network as a prognostic biomarker for hepatocellular carcinoma. *Oncotarget*, **2018**, 9, 15015-15026	3.3	1
2	Drug-tolerant idling melanoma cells exhibit theory-predicted metabolic low-low phenotype		1
1	Epithelial-mesenchymal transition in cancer **2020**, 553-568		1