

Dongya Jia

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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	8.7	14
28	Breast cancer dormancy: need for clinically relevant models to address current gaps in knowledge. <i>Npj Breast Cancer</i> , 2021 , 7, 66	7.8	8
27	Epithelial-mesenchymal transition in cancer 2020 , 553-568		1
26	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	4.1	4
25	Drug-Tolerant Idling Melanoma Cells Exhibit Theory-Predicted Metabolic Low-Low Phenotype. <i>Frontiers in Oncology</i> , 2020 , 10, 1426	5.3	7
24	Quantifying Cancer Epithelial-Mesenchymal Plasticity and its Association with Stemness and Immune Response. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	41
23	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	11.5	138
22	Testing the gene expression classification of the EMT spectrum. <i>Physical Biology</i> , 2019 , 16, 025002	3	22
21	RACIPE: a computational tool for modeling gene regulatory circuits using randomization. <i>BMC Systems Biology</i> , 2018 , 12, 74	3.5	15
20	Elucidating the Metabolic Plasticity of Cancer: Mitochondrial Reprogramming and Hybrid Metabolic States. <i>Cells</i> , 2018 , 7,	7.9	104
19	Modularity of the metabolic gene network as a prognostic biomarker for hepatocellular carcinoma. <i>Oncotarget</i> , 2018 , 9, 15015-15026	3.3	1
18	Interconnected feedback loops among ESRP1, HAS2, and CD44 regulate epithelial-mesenchymal plasticity in cancer. <i>APL Bioengineering</i> , 2018 , 2, 031908	6.6	46
17	Modeling the Genetic Regulation of Cancer Metabolism: Interplay between Glycolysis and Oxidative Phosphorylation. <i>Cancer Research</i> , 2017 , 77, 1564-1574	10.1	142
16	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	4.7	63
15	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	11.5	55
14	Phenotypic Plasticity and Cell Fate Decisions in Cancer: Insights from Dynamical Systems Theory. <i>Cancers</i> , 2017 , 9,	6.6	51
13	Operating principles of tristable circuits regulating cellular differentiation. <i>Physical Biology</i> , 2017 , 14, 035007	3	22

12	Distinguishing mechanisms underlying EMT tristability 2017 , 1, 2		47
11	Interrogating the topological robustness of gene regulatory circuits by randomization. <i>PLoS Computational Biology</i> , 2017 , 13, e1005456	5	86
10	Modeling delayed processes in biological systems. <i>Physical Review E</i> , 2016 , 94, 032408	2.4	9
9	Stability of the hybrid epithelial/mesenchymal phenotype. <i>Oncotarget</i> , 2016 , 7, 27067-84	3.3	259
8	Tumor Budding: The Name is EMT. Partial EMT. <i>Journal of Clinical Medicine</i> , 2016 , 5,	5.1	258
7	Implications of the Hybrid Epithelial/Mesenchymal Phenotype in Metastasis. <i>Frontiers in Oncology</i> , 2015 , 5, 155	5.3	414
6	OVOL guides the epithelial-hybrid-mesenchymal transition. <i>Oncotarget</i> , 2015 , 6, 15436-48	3.3	92
5	Coupling the modules of EMT and stemness: A tunable Zstemness windowZmodel. <i>Oncotarget</i> , 2015 , 6, 25161-74	3.3	116
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	10.6	197
3	Phenotypic Plasticity and Cell Fate Decisions in Cancer: Insights from Dynamical Systems Theory		2
2	Distinguishing Mechanisms Underlying EMT Tristability		2
1	Drug-tolerant idling melanoma cells exhibit theory-predicted metabolic low-low phenotype		1