

Mohit Kumar Jolly

List of Publications by Year in descending order

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Version: 2024-02-01

206
papers

10,664
citations

34076

52
h-index

51562

86
g-index

301
all docs

301
docs citations

301
times ranked

9670
citing authors

#	ARTICLE	IF	CITATIONS
1	OVOL1/2: Drivers of Epithelial Differentiation in Development, Disease, and Reprogramming. <i>Cells Tissues Organs</i> , 2022, 211, 183-192.	1.3	23
2	Measuring and Modelling the Epithelial- Mesenchymal Hybrid State in Cancer: Clinical Implications. <i>Cells Tissues Organs</i> , 2022, 211, 110-133.	1.3	28
3	Identifying Modifiable and Non-modifiable Risk Factors of Readmission and Short-Term Mortality in Chondrosarcoma: A National Cancer Database Study. <i>Annals of Surgical Oncology</i> , 2022, 29, 1392-1408.	0.7	2
4	A Computational Systems Biology Approach Identifies SLUG as a Mediator of Partial Epithelial-Mesenchymal Transition (EMT). <i>Cells Tissues Organs</i> , 2022, 211, 689-702.	1.3	36
5	ASO Author Reflections: Identifying Modifiable and Non-Modifiable Risk Factors of Readmission and Short-Term Mortality in Chondrosarcoma. <i>Annals of Surgical Oncology</i> , 2022, 29, 1409-1410.	0.7	1
6	A reciprocal feedback loop between HIF-1 α and HPIP controls phenotypic plasticity in breast cancer cells. <i>Cancer Letters</i> , 2022, 526, 12-28.	3.2	10
7	Extent of tumor fibrosis/hyalinization and infarction following neoadjuvant radiation therapy is associated with improved survival in patients with soft-tissue sarcoma. <i>Cancer Medicine</i> , 2022, 11, 194-206.	1.3	5
8	CTCF Expression and Dynamic Motif Accessibility Modulates Epithelial-Mesenchymal Gene Expression. <i>Cancers</i> , 2022, 14, 209.	1.7	15
9	Roadmap on plasticity and epigenetics in cancer. <i>Physical Biology</i> , 2022, 19, 031501.	0.8	8
10	Biophysical and biochemical attributes of hybrid epithelial/mesenchymal phenotypes. <i>Physical Biology</i> , 2022, 19, 025001.	0.8	10
11	Interconnected high-dimensional landscapes of epithelial-mesenchymal plasticity and stemness in cancer. <i>Clinical and Experimental Metastasis</i> , 2022, 39, 279-290.	1.7	14
12	Population Dynamics of Epithelial-Mesenchymal Heterogeneity in Cancer Cells. <i>Biomolecules</i> , 2022, 12, 348.	1.8	12
13	Intrinsically Disordered Proteins: Critical Components of the Wetware. <i>Chemical Reviews</i> , 2022, 122, 6614-6633.	23.0	48
14	Abstract P5-04-04: Identification of AR driven tumors within TNBC using a novel gene signature. <i>Cancer Research</i> , 2022, 82, P5-04-04-P5-04-04.	0.4	0
15	Tumor Hybrid Cells: Nature and Biological Significance. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 814714.	1.8	13
16	Quantifying the Patterns of Metabolic Plasticity and Heterogeneity along the Epithelial-Hybrid-Mesenchymal Spectrum in Cancer. <i>Biomolecules</i> , 2022, 12, 297.	1.8	21
17	Changes in Triple-Negative Breast Cancer Molecular Subtypes in Patients Without Pathologic Complete Response After Neoadjuvant Systemic Chemotherapy. <i>JCO Precision Oncology</i> , 2022, 6, e2000368.	1.5	9
18	A phase 2 trial of avelumab in men with aggressive-variant or neuroendocrine prostate cancer. <i>Prostate Cancer and Prostatic Diseases</i> , 2022, 25, 762-769.	2.0	13

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19	Emerging perspectives on growth factor metabolic relationships in the ovarian cancer ascites environment. <i>Seminars in Cancer Biology</i> , 2022, 86, 709-719.	4.3	12
20	In Silico Analysis of Ion Channels and Their Correlation with Epithelial to Mesenchymal Transition in Breast Cancer. <i>Cancers</i> , 2022, 14, 1444.	1.7	6
21	Emergent dynamics of a three-node regulatory network explain phenotypic switching and heterogeneity: a case study of Th1/Th2/Th17 cell differentiation. <i>Molecular Biology of the Cell</i> , 2022, 33, mbcE21100521.	0.9	8
22	Intrinsically disordered proteins: Ensembles at the limits of Anfinsen's dogma. <i>Biophysics Reviews</i> , 2022, 3, .	1.0	15
23	Analysis of Yes-Associated Protein-1 (YAP1) Target Gene Signature to Predict Progressive Breast Cancer. <i>Journal of Clinical Medicine</i> , 2022, 11, 1947.	1.0	2
24	Cancer: More than a geneticist's Pandora's box. <i>Journal of Biosciences</i> , 2022, 47, .	0.5	2
25	Nrf2 Modulates the Hybrid Epithelial/Mesenchymal Phenotype and Notch Signaling During Collective Cancer Migration. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 807324.	1.6	23
26	Post-Austronesian migrational wave of West Polynesians to Micronesia. <i>Gene</i> , 2022, 823, 146357.	1.0	1
27	Lhx2 in germ cells suppresses endothelial cell migration in the developing ovary. <i>Experimental Cell Research</i> , 2022, 415, 113108.	1.2	8
28	Dynamic Phenotypic Switching and Group Behavior Help Non-Small Cell Lung Cancer Cells Evade Chemotherapy. <i>Biomolecules</i> , 2022, 12, 8.	1.8	13
29	Transcriptomic-Based Quantification of the Epithelial-Hybrid-Mesenchymal Spectrum across Biological Contexts. <i>Biomolecules</i> , 2022, 12, 29.	1.8	11
30	Identifying critical transitions in complex diseases. <i>Journal of Biosciences</i> , 2022, 47, .	0.5	4
31	Mean residence times of TF-TF and TF-miRNA toggle switches. <i>Journal of Biosciences</i> , 2022, 47, .	0.5	1
32	Exome sequencing of hepatocellular carcinoma in lemurs identifies potential cancer drivers. <i>Evolution, Medicine and Public Health</i> , 2022, 10, 221-230.	1.1	0
33	Emergence of hybrid states of stem-like cancer cells correlates with poor prognosis in oral cancer. <i>IScience</i> , 2022, 25, 104317.	1.9	20
34	Single-cell analysis reveals X upregulation is not global in pre-gastrulation embryos. <i>IScience</i> , 2022, 25, 104465.	1.9	9
35	Oncogenic gain of function due to p53 amyloids occurs through aberrant alteration of cell cycle and proliferation. <i>Journal of Cell Science</i> , 2022, 135, .	1.2	11
36	Exploring the Diversity of the Marine Environment for New Anti-cancer Compounds. <i>Frontiers in Marine Science</i> , 2021, 7, .	1.2	22

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37	Epigenetics of epithelial to mesenchymal transition (EMT) in cancer. , 2021, , 237-264.		0
38	Analysis of immune subtypes across the epithelial-mesenchymal plasticity spectrum. Computational and Structural Biotechnology Journal, 2021, 19, 3842-3851.	1.9	18
39	Multi-Stability and Consequent Phenotypic Plasticity in AMPK-Akt Double Negative Feedback Loop in Cancer Cells. Journal of Clinical Medicine, 2021, 10, 472.	1.0	5
40	Expression of immune checkpoints on circulating tumor cells in men with metastatic prostate cancer. Biomarker Research, 2021, 9, 14.	2.8	24
41	Coupled Feedback Loops Involving PAGE4, EMT and Notch Signaling Can Give Rise to Non-Genetic Heterogeneity in Prostate Cancer Cells. Entropy, 2021, 23, 288.	1.1	6
42	Investigating epithelialâ€mesenchymal heterogeneity of tumors and circulating tumor cells with transcriptomic analysis and biophysical modeling. Computational and Systems Oncology, 2021, 1, e1015.	1.1	13
43	Identifying â€œmore equal than othersâ€edges in diverse biochemical networks. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	4
44	Topological signatures in regulatory network enable phenotypic heterogeneity in small cell lung cancer. ELife, 2021, 10, .	2.8	42
45	A Theoretical Approach to Coupling the Epithelial-Mesenchymal Transition (EMT) to Extracellular Matrix (ECM) Stiffness via LOXL2. Cancers, 2021, 13, 1609.	1.7	29
46	Gene expression profiles of inflammatory breast cancer reveal high heterogeneity across the epithelial-hybrid-mesenchymal spectrum. Translational Oncology, 2021, 14, 101026.	1.7	13
47	Countries with high deaths due to flu and tuberculosis demonstrate lower COVID-19 mortality: roles of vaccinations. Human Vaccines and Immunotherapeutics, 2021, 17, 2851-2862.	1.4	8
48	Towards decoding the coupled decision-making of metabolism and epithelial-to-mesenchymal transition in cancer. British Journal of Cancer, 2021, 124, 1902-1911.	2.9	63
49	Group Behavior and Emergence of Cancer Drug Resistance. Trends in Cancer, 2021, 7, 323-334.	3.8	21
50	The Hallmarks of Cancer as Ecologically Driven Phenotypes. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	24
51	Identifying Modifiable and Non-modifiable Risk Factors of Readmission and Short-Term Mortality in Osteosarcoma: A National Cancer Database Study. Annals of Surgical Oncology, 2021, 28, 7961-7972.	0.7	5
52	ASO Visual Abstract: Identifying Modifiable and Non-Modifiable Risk Factors of Readmission and Short-Term Mortality in Osteosarcomaâ€A National Cancer Database Study. Annals of Surgical Oncology, 2021, 28, 449-450.	0.7	1
53	Operating principles of circular toggle polygons. Physical Biology, 2021, 18, 046003.	0.8	2
54	Phenotypic Heterogeneity of Triple-Negative Breast Cancer Mediated by Epithelialâ€Mesenchymal Plasticity. Cancers, 2021, 13, 2188.	1.7	35

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55	Identification of EMT signaling cross-talk and gene regulatory networks by single-cell RNA sequencing. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	134
56	Epithelial-to-Mesenchymal Transition Enhances Cancer Cell Sensitivity to Cytotoxic Effects of Cold Atmospheric Plasmas in Breast and Bladder Cancer Systems. Cancers, 2021, 13, 2889.	1.7	35
57	Lineage Plasticity in Cancer: The Tale of a Skin-Walker. Cancers, 2021, 13, 3602.	1.7	9
58	A mechanistic model captures the emergence and implications of non-genetic heterogeneity and reversible drug resistance in ER+ breast cancer cells. NAR Cancer, 2021, 3, zcab027.	1.6	45
59	Calcium signaling induces a partial EMT. EMBO Reports, 2021, 22, e51872.	2.0	33
60	Decoding leader cells in collective cancer invasion. Nature Reviews Cancer, 2021, 21, 592-604.	12.8	80
61	Editorial: Non-Genetic Heterogeneity in Development and Disease. Frontiers in Genetics, 2021, 12, 731814.	1.1	1
62	The somatic molecular evolution of cancer: Mutation, selection, and epistasis. Progress in Biophysics and Molecular Biology, 2021, 165, 56-65.	1.4	11
63	An Integrative Systems Biology Approach Identifies Molecular Signatures Associated with Gallbladder Cancer Pathogenesis. Journal of Clinical Medicine, 2021, 10, 3520.	1.0	3
64	Matrix adhesion and remodeling diversifies modes of cancer invasion across spatial scales. Journal of Theoretical Biology, 2021, 524, 110733.	0.8	19
65	A Zebrafish Model of Metastatic Colonization Pinpoints Cellular Mechanisms of Circulating Tumor Cell Extravasation. Frontiers in Oncology, 2021, 11, 641187.	1.3	6
66	Semicoordinated allelic-bursting shape dynamic random monoallelic expression in pregastrulation embryos. IScience, 2021, 24, 102954.	1.9	9
67	Systems-level network modeling deciphers the master regulators of phenotypic plasticity and heterogeneity in melanoma. IScience, 2021, 24, 103111.	1.9	29
68	First passage time properties of miRNA-mediated protein translation. Journal of Theoretical Biology, 2021, 529, 110863.	0.8	5
69	Mathematical Modeling of Plasticity and Heterogeneity in EMT. Methods in Molecular Biology, 2021, 2179, 385-413.	0.4	12
70	Hybrid E/M Phenotype(s) and Stemness: A Mechanistic Connection Embedded in Network Topology. Journal of Clinical Medicine, 2021, 10, 60.	1.0	31
71	An integrated comparative physiology and molecular approach pinpoints mediators of breath-hold capacity in dolphins. Evolution, Medicine and Public Health, 2021, 9, 420-430.	1.1	5
72	KLF4 Induces Mesenchymalâ€“Epithelial Transition (MET) by Suppressing Multiple EMT-Inducing Transcription Factors. Cancers, 2021, 13, 5135.	1.7	21

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73	ASO Visual Abstract: Identifying Modifiable and Non-Modifiable Risk Factors of Readmission and Short-Term Mortality in Chondrosarcoma: A National Cancer Database Study. <i>Annals of Surgical Oncology</i> , 2021, , 1.	0.7	1
74	Protein conformational dynamics and phenotypic switching. <i>Biophysical Reviews</i> , 2021, 13, 1127-1138.	1.5	9
75	NRF2-dependent Epigenetic Regulation can Promote the Hybrid Epithelial/Mesenchymal Phenotype. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 828250.	1.8	3
76	Immunosuppressive Traits of the Hybrid Epithelial/Mesenchymal Phenotype. <i>Frontiers in Immunology</i> , 2021, 12, 797261.	2.2	52
77	Cancer Stem Cells and Epithelial-to-Mesenchymal Transition in Cancer Metastasis. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2020, 10, a036905.	2.9	98
78	Immune dysregulation and osteosarcoma: <i>Staphylococcus aureus</i> downregulates TGF β ² and heightens the inflammatory signature in human and canine macrophages suppressed by osteosarcoma. <i>Veterinary and Comparative Oncology</i> , 2020, 18, 64-75.	0.8	14
79	Functional balance between Tcf21 and Slug defines cellular plasticity and migratory modalities in high grade serous ovarian cancer cell lines. <i>Carcinogenesis</i> , 2020, 41, 515-526.	1.3	20
80	Molecular Biology and Evolution of Cancer: From Discovery to Action. <i>Molecular Biology and Evolution</i> , 2020, 37, 320-326.	3.5	43
81	Improving Cancer Drug Discovery by Studying Cancer across the Tree of Life. <i>Molecular Biology and Evolution</i> , 2020, 37, 11-17.	3.5	20
82	Histone deacetylases, Mbd3/NuRD, and Tet2 hydroxylase are crucial regulators of epithelial to mesenchymal plasticity and tumor metastasis. <i>Oncogene</i> , 2020, 39, 1498-1513.	2.6	23
83	The Physics of Cellular Decision Making During Epithelial to Mesenchymal Transition. <i>Annual Review of Biophysics</i> , 2020, 49, 1-18.	4.5	87
84	Differential Contributions of Pre- and Post-EMT Tumor Cells in Breast Cancer Metastasis. <i>Cancer Research</i> , 2020, 80, 163-169.	0.4	62
85	NFATc Acts as a Non-Canonical Phenotypic Stability Factor for a Hybrid Epithelial/Mesenchymal Phenotype. <i>Frontiers in Oncology</i> , 2020, 10, 553342.	1.3	27
86	Anticipating the Novel Coronavirus Disease (COVID-19) Pandemic. <i>Frontiers in Public Health</i> , 2020, 8, 569669.	1.3	12
87	Plastic pollution solutions: emerging technologies to prevent and collect marine plastic pollution. <i>Environment International</i> , 2020, 144, 106067.	4.8	200
88	The Good, The Bad and The Ugly: A Mathematical Model Investigates the Differing Outcomes Among COVID-19 Patients. <i>Journal of the Indian Institute of Science</i> , 2020, 100, 673-681.	0.9	11
89	Epithelial-mesenchymal transition in cancer. , 2020, , 553-568.		1
90	Phenotypic switching and prostate diseases: a model proposing a causal link between benign prostatic hyperplasia and prostate cancer. , 2020, , 569-589.		0

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91	A Comparative Oncology Drug Discovery Pipeline to Identify and Validate New Treatments for Osteosarcoma. <i>Cancers</i> , 2020, 12, 3335.	1.7	11
92	<i>Pseudomonas aeruginosa</i> Biofilms. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8671.	1.8	322
93	A Non-genetic Mechanism Involving the Integrin $\alpha 4$ /Paxillin Axis Contributes to Chemoresistance in Lung Cancer. <i>IScience</i> , 2020, 23, 101496.	1.9	27
94	A polycyclic aromatic hydrocarbon-enriched environmental chemical mixture enhances AhR, antiapoptotic signaling and a proliferative phenotype in breast cancer cells. <i>Carcinogenesis</i> , 2020, 41, 1648-1659.	1.3	21
95	Hypoxia, partial EMT and collective migration: Emerging culprits in metastasis. <i>Translational Oncology</i> , 2020, 13, 100845.	1.7	125
96	Limb salvage versus amputation in patients with osteosarcoma of the extremities: an update in the modern era using the National Cancer Database. <i>BMC Cancer</i> , 2020, 20, 995.	1.1	43
97	Understanding the Principles of Pattern Formation Driven by Notch Signaling by Integrating Experiments and Theoretical Models. <i>Frontiers in Physiology</i> , 2020, 11, 929.	1.3	68
98	Targeting the Id1-Kif11 Axis in Triple-Negative Breast Cancer Using Combination Therapy. <i>Biomolecules</i> , 2020, 10, 1295.	1.8	7
99	Single-Cell RNA-seq Identifies Cell Subsets in Human Placenta That Highly Expresses Factors Driving Pathogenesis of SARS-CoV-2. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 783.	1.8	92
100	A Precision Medicine Drug Discovery Pipeline Identifies Combined CDK2 and 9 Inhibition as a Novel Therapeutic Strategy in Colorectal Cancer. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 2516-2527.	1.9	17
101	Identifying inhibitors of epithelialâ€mesenchymal plasticity using a network topology-based approach. <i>Npj Systems Biology and Applications</i> , 2020, 6, 15.	1.4	80
102	Cancer Stem Cell Plasticity â€ A Deadly Deal. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 79.	1.6	106
103	Insights into the Multi-Dimensional Dynamic Landscape of Epithelialâ€Mesenchymal Plasticity through Inter-Disciplinary Approaches. <i>Journal of Clinical Medicine</i> , 2020, 9, 1624.	1.0	1
104	Cellular Plasticity in Matrix-attached and -Detached Cells: Implications in Metastasis. <i>Journal of the Indian Institute of Science</i> , 2020, 100, 525-536.	0.9	2
105	The fundamentals of phenotypic plasticity. , 2020, , 1-21.		5
106	Decoding molecular interplay between RUNX1 and FOXO3a underlying the pulsatile IGF1R expression during acquirement of chemoresistance. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165754.	1.8	13
107	ZEB1: A Critical Regulator of Cell Plasticity, DNA Damage Response, and Therapy Resistance. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 36.	1.6	112
108	From the Clinic to the Bench and Back Again in One Dog Year: How a Cross-Species Pipeline to Identify New Treatments for Sarcoma Illuminates the Path Forward in Precision Medicine. <i>Frontiers in Oncology</i> , 2020, 10, 117.	1.3	18

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109	Development of a precision medicine pipeline to identify personalized treatments for colorectal cancer. <i>BMC Cancer</i> , 2020, 20, 592.	1.1	14
110	Twist1 induces chromosomal instability (CIN) in colorectal cancer cells. <i>Human Molecular Genetics</i> , 2020, 29, 1673-1688.	1.4	16
111	Integrative Analysis and Machine Learning Based Characterization of Single Circulating Tumor Cells. <i>Journal of Clinical Medicine</i> , 2020, 9, 1206.	1.0	42
112	Critical Steps in Epithelial-Mesenchymal Transition as Target for Cancer Treatment. <i>Human Perspectives in Health Sciences and Technology</i> , 2020, , 213-244.	0.2	2
113	Baby Genomics: Tracing the Evolutionary Changes That Gave Rise to Placentation. <i>Genome Biology and Evolution</i> , 2020, 12, 35-47.	1.1	11
114	Comparative Study of Transcriptomics-Based Scoring Metrics for the Epithelial-Hybrid-Mesenchymal Spectrum. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 220.	2.0	87
115	Emergent Properties of the HNF4 α -PPAR β Network May Drive Consequent Phenotypic Plasticity in NAFLD. <i>Journal of Clinical Medicine</i> , 2020, 9, 870.	1.0	18
116	Editorial: Characterizing the Multi-Faceted Dynamics of Tumor Cell Plasticity. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 630276.	1.6	0
117	Multi-stability in cellular differentiation enabled by a network of three mutually repressing master regulators. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200631.	1.5	35
118	A mechanism for epithelial-mesenchymal heterogeneity in a population of cancer cells. <i>PLoS Computational Biology</i> , 2020, 16, e1007619.	1.5	80
119	Epigenetic feedback and stochastic partitioning during cell division can drive resistance to EMT. <i>Oncotarget</i> , 2020, 11, 2611-2624.	0.8	33
120	Manganese Porphyrin and Radiotherapy Improves Local Tumor Response and Overall Survival in Orthotopic Murine Mammary Carcinoma Models. <i>Radiation Research</i> , 2020, 195, 128-139.	0.7	2
121	Phenotypic heterogeneity in circulating tumor cells and its prognostic value in metastasis and overall survival. <i>EBioMedicine</i> , 2019, 46, 4-5.	2.7	24
122	Deciphering Hydrodynamic and Drug-Resistant Behaviors of Metastatic EMT Breast Cancer Cells Moving in a Constricted Microcapillary. <i>Journal of Clinical Medicine</i> , 2019, 8, 1194.	1.0	11
123	Acute vs. Chronic vs. Cyclic Hypoxia: Their Differential Dynamics, Molecular Mechanisms, and Effects on Tumor Progression. <i>Biomolecules</i> , 2019, 9, 339.	1.8	157
124	Small Cell Lung Cancer Therapeutic Responses Through Fractal Measurements: From Radiology to Mitochondrial Biology. <i>Journal of Clinical Medicine</i> , 2019, 8, 1038.	1.0	8
125	NRF2 activates a partial epithelial-mesenchymal transition and is maximally present in a hybrid epithelial/mesenchymal phenotype. <i>Integrative Biology (United Kingdom)</i> , 2019, 11, 251-263.	0.6	102
126	A possible role for epigenetic feedback regulation in the dynamics of the epithelial-mesenchymal transition (EMT). <i>Physical Biology</i> , 2019, 16, 066004.	0.8	81

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127	Pericytes enable effective angiogenesis in the presence of proinflammatory signals. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23551-23561.	3.3	49
128	A CTC-Cluster-Specific Signature Derived from OMICS Analysis of Patient-Derived Xenograft Tumors Predicts Outcomes in Basal-Like Breast Cancer. Journal of Clinical Medicine, 2019, 8, 1772.	1.0	36
129	Phenotypic Switching of Naïve T Cells to Immune-Suppressive Treg-Like Cells by Mutant KRAS. Journal of Clinical Medicine, 2019, 8, 1726.	1.0	26
130	A Biophysical Model Uncovers the Size Distribution of Migrating Cell Clusters across Cancer Types. Cancer Research, 2019, 79, 5527-5535.	0.4	40
131	Dynamics of Phenotypic Heterogeneity Associated with EMT and Stemness during Cancer Progression. Journal of Clinical Medicine, 2019, 8, 1542.	1.0	109
132	Quantifying Cancer Epithelial-Mesenchymal Plasticity and its Association with Stemness and Immune Response. Journal of Clinical Medicine, 2019, 8, 725.	1.0	63
133	Pharmacodynamic study of radium-223 in men with bone metastatic castration resistant prostate cancer. PLoS ONE, 2019, 14, e0216934.	1.1	14
134	Structural and Dynamical Order of a Disordered Protein: Molecular Insights into Conformational Switching of PAGE4 at the Systems Level. Biomolecules, 2019, 9, 77.	1.8	19
135	Deciphering the Dynamics of Epithelial-Mesenchymal Transition and Cancer Stem Cells in Tumor Progression. Current Stem Cell Reports, 2019, 5, 11-21.	0.7	27
136	E-Cadherin Represses Anchorage-Independent Growth in Sarcomas through Both Signaling and Mechanical Mechanisms. Molecular Cancer Research, 2019, 17, 1391-1402.	1.5	35
137	Spleen Tyrosine Kinase-Mediated Autophagy Is Required for Epithelial-Mesenchymal Plasticity and Metastasis in Breast Cancer. Cancer Research, 2019, 79, 1831-1843.	0.4	95
138	Computational Modeling of the Crosstalk Between Macrophage Polarization and Tumor Cell Plasticity in the Tumor Microenvironment. Frontiers in Oncology, 2019, 9, 10.	1.3	55
139	An Integrative Systems Biology and Experimental Approach Identifies Convergence of Epithelial Plasticity, Metabolism, and Autophagy to Promote Chemoresistance. Journal of Clinical Medicine, 2019, 8, 205.	1.0	17
140	Anticipating critical transitions in epithelial-hybrid-mesenchymal cell-fate determination. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 26343-26352.	3.3	32
141	Toward understanding cancer stem cell heterogeneity in the tumor microenvironment. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 148-157.	3.3	238
142	Testing the gene expression classification of the EMT spectrum. Physical Biology, 2019, 16, 025002.	0.8	35
143	Quantitative Characteristic of ncRNA Regulation in Gene Regulatory Networks. Methods in Molecular Biology, 2019, 1912, 341-366.	0.4	3
144	The DNA walk and its demonstration of deterministic chaos-relevance to genomic alterations in lung cancer. Bioinformatics, 2019, 35, 2738-2748.	1.8	8

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145	Stability and mean residence times for hybrid epithelial/mesenchymal phenotype. <i>Physical Biology</i> , 2019, 16, 025003.	0.8	46
146	Hybrid epithelial/mesenchymal phenotypes promote metastasis and therapy resistance across carcinomas. , 2019, 194, 161-184.		244
147	Computational Modeling of Collective Cell Migration: Mechanical and Biochemical Aspects. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1146, 1-11.	0.8	7
148	Abstract 2783: <i>OMICS</i> analysis of breast cancer PDX tumors to determine CTC-cluster-specific signature in predicting breast cancer metastasis. , 2019, , .		0
149	XIAP Regulation by MNK Links MAPK and NF κ B Signaling to Determine an Aggressive Breast Cancer Phenotype. <i>Cancer Research</i> , 2018, 78, 1726-1738.	0.4	45
150	Epithelial \rightarrow mesenchymal transition, a spectrum of states: Role in lung development, homeostasis, and disease. <i>Developmental Dynamics</i> , 2018, 247, 346-358.	0.8	190
151	Prostate-Associated Gene 4 (PAGE4): Leveraging the Conformational Dynamics of a Dancing Protein Cloud as a Therapeutic Target. <i>Journal of Clinical Medicine</i> , 2018, 7, 156.	1.0	10
152	Chronic Obstructive Pulmonary Disease and Lung Cancer: Underlying Pathophysiology and New Therapeutic Modalities. <i>Drugs</i> , 2018, 78, 1717-1740.	4.9	62
153	Interconnected feedback loops among ESRP1, HAS2, and CD44 regulate epithelial-mesenchymal plasticity in cancer. <i>APL Bioengineering</i> , 2018, 2, 031908.	3.3	71
154	Analysis of Hierarchical Organization in Gene Expression Networks Reveals Underlying Principles of Collective Tumor Cell Dissemination and Metastatic Aggressiveness of Inflammatory Breast Cancer. <i>Frontiers in Oncology</i> , 2018, 8, 244.	1.3	15
155	Phenotypic Plasticity, Bet-Hedging, and Androgen Independence in Prostate Cancer: Role of Non-Genetic Heterogeneity. <i>Frontiers in Oncology</i> , 2018, 8, 50.	1.3	122
156	Hybrid epithelial/mesenchymal phenotype(s): The "fittest" for metastasis?. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2018, 1870, 151-157.	3.3	122
157	PAGE4 and Conformational Switching: Insights from Molecular Dynamics Simulations and Implications for Prostate Cancer. <i>Journal of Molecular Biology</i> , 2018, 430, 2422-2438.	2.0	36
158	A mechanism-based computational model to capture the interconnections among epithelial-mesenchymal transition, cancer stem cells and Notch-Jagged signaling. <i>Oncotarget</i> , 2018, 9, 29906-29920.	0.8	67
159	Abstract 4999: Identifying intercellular phenotypic stability factors for a hybrid epithelial-mesenchymal phenotype. , 2018, , .		0
160	Computational systems biology of epithelial-hybrid-mesenchymal transitions. <i>Current Opinion in Systems Biology</i> , 2017, 3, 1-6.	1.3	30
161	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.	1.2	90
162	\langle scp \rangle EMT \langle /scp \rangle and \langle scp \rangle MET \langle /scp \rangle : necessary or permissive for metastasis?. <i>Molecular Oncology</i> , 2017, 11, 755-769.	2.1	319

#	ARTICLE	IF	CITATIONS
163	Epithelial/mesenchymal plasticity: how have quantitative mathematical models helped improve our understanding?. <i>Molecular Oncology</i> , 2017, 11, 739-754.	2.1	64
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