

Arash Rafii

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

4,682
citations

159358

30
h-index

102304

66
g-index

79
all docs

79
docs citations

79
times ranked

9816
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrative Analyses of Colorectal Cancer Show Immunoscore Is a Stronger Predictor of Patient Survival Than Microsatellite Instability. <i>Immunity</i> , 2016, 44, 698-711.	6.6	814
2	Molecular Signatures of Tissue-Specific Microvascular Endothelial Cell Heterogeneity in Organ Maintenance and Regeneration. <i>Developmental Cell</i> , 2013, 26, 204-219.	3.1	548
3	Preferential transfer of mitochondria from endothelial to cancer cells through tunneling nanotubes modulates chemoresistance. <i>Journal of Translational Medicine</i> , 2013, 11, 94.	1.8	359
4	Halfway between 2D and Animal Models: Are 3D Cultures the Ideal Tool to Study Cancer-Microenvironment Interactions?. <i>International Journal of Molecular Sciences</i> , 2018, 19, 181.	1.8	329
5	Angiocrine Factors Deployed by Tumor Vascular Niche Induce B Cell Lymphoma Invasiveness and Chemoresistance. <i>Cancer Cell</i> , 2014, 25, 350-365.	7.7	203
6	Functional Network Pipeline Reveals Genetic Determinants Associated with in Situ Lymphocyte Proliferation and Survival of Cancer Patients. <i>Science Translational Medicine</i> , 2014, 6, 228ra37.	5.8	181
7	Altered expression pattern of circular RNAs in primary and metastatic sites of epithelial ovarian carcinoma. <i>Oncotarget</i> , 2016, 7, 36366-36381.	0.8	148
8	European Society of Gynaecological Oncology (ESGO) Guidelines for Ovarian Cancer Surgery. <i>International Journal of Gynecological Cancer</i> , 2017, 27, 1534-1542.	1.2	121
9	Comprehensive transcriptomic and proteomic characterization of human mesenchymal stem cells reveals source specific cellular markers. <i>Scientific Reports</i> , 2016, 6, 21507.	1.6	101
10	Tumor associated mesenchymal stem cells protects ovarian cancer cells from hyperthermia through CXCL12. <i>International Journal of Cancer</i> , 2011, 128, 715-725.	2.3	96
11	Epithelial to Mesenchymal Transition in a Clinical Perspective. <i>Journal of Oncology</i> , 2015, 2015, 1-10.	0.6	84
12	Oncologic Trophoblasts of an Original Stromal Cells Induces Chemoresistance of Ovarian Tumours. <i>PLoS ONE</i> , 2008, 3, e3894.	1.1	84
13	NKX2-5 regulates human cardiomyogenesis via a HEY2 dependent transcriptional network. <i>Nature Communications</i> , 2018, 9, 1373.	5.8	77
14	SIRT1 promotes lipid metabolism and mitochondrial biogenesis in adipocytes and coordinates adipogenesis by targeting key enzymatic pathways. <i>Scientific Reports</i> , 2021, 11, 8177.	1.6	77
15	Hospicells (ascites-derived stromal cells) promote tumorigenicity and angiogenesis. <i>International Journal of Cancer</i> , 2010, 126, 2090-2101.	2.3	70
16	Mesenchymal stem cells enhance ovarian cancer cell infiltration through IL6 secretion in an amniotic membrane based 3D model. <i>Journal of Translational Medicine</i> , 2013, 11, 28.	1.8	68
17	Endothelial Cells Provide a Notch-Dependent Pro-Tumoral Niche for Enhancing Breast Cancer Survival, Stemness and Pro-Metastatic Properties. <i>PLoS ONE</i> , 2014, 9, e112424.	1.1	68
18	Multi-Center Evaluation of Post-Operative Morbidity and Mortality after Optimal Cytoreductive Surgery for Advanced Ovarian Cancer. <i>PLoS ONE</i> , 2012, 7, e39415.	1.1	64

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19	SIRPA, VCAM1 and CD34 identify discrete lineages during early human cardiovascular development. <i>Stem Cell Research</i> , 2014, 13, 172-179.	0.3	63
20	CCL2/CCL5 secreted by the stroma induce IL-6/PYK2 dependent chemoresistance in ovarian cancer. <i>Molecular Cancer</i> , 2018, 17, 47.	7.9	59
21	Angiocrine endothelium: from physiology to cancer. <i>Journal of Translational Medicine</i> , 2020, 18, 52.	1.8	53
22	Copy Number Variation Analysis of Matched Ovarian Primary Tumors and Peritoneal Metastasis. <i>PLoS ONE</i> , 2011, 6, e28561.	1.1	47
23	Complementarity of SOMAscan to LC-MS/MS and RNA-seq for quantitative profiling of human embryonic and mesenchymal stem cells. <i>Journal of Proteomics</i> , 2017, 150, 86-97.	1.2	46
24	Microparticles mediated cross-talk between tumoral and endothelial cells promote the constitution of a pro-metastatic vascular niche through Arf6 up regulation. <i>Cancer Microenvironment</i> , 2014, 7, 41-59.	3.1	45
25	Guidelines for reporting secondary findings of genome sequencing in cancer genes: the SFMPP recommendations. <i>European Journal of Human Genetics</i> , 2018, 26, 1732-1742.	1.4	44
26	Mesenchymal Cell Interaction with Ovarian Cancer Cells Triggers Pro-Metastatic Properties. <i>PLoS ONE</i> , 2012, 7, e38340.	1.1	44
27	Breast cancer cells promote a notch-dependent mesenchymal phenotype in endothelial cells participating to a pro-tumoral niche. <i>Journal of Translational Medicine</i> , 2015, 13, 27.	1.8	43
28	Metabolic signatures differentiate ovarian from colon cancer cell lines. <i>Journal of Translational Medicine</i> , 2015, 13, 223.	1.8	34
29	Silencing of ANKRD12 circRNA induces molecular and functional changes associated with invasive phenotypes. <i>BMC Cancer</i> , 2019, 19, 565.	1.1	33
30	Epigenetics and Cardiovascular Disease in Diabetes. <i>Current Diabetes Reports</i> , 2015, 15, 108.	1.7	32
31	Circulating microparticles in acute diabetic Charcot foot exhibit a high content of inflammatory cytokines, and support monocyte-to-osteoclast cell induction. <i>Scientific Reports</i> , 2017, 7, 16450.	1.6	30
32	Akt-Activated Endothelium Constitutes the Niche for Residual Disease and Resistance to Bevacizumab in Ovarian Cancer. <i>Molecular Cancer Therapeutics</i> , 2014, 13, 3123-3136.	1.9	29
33	Coculturing with endothelial cells promotes in vitro maturation and electrical coupling of human embryonic stem cell-derived cardiomyocytes. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 684-693.	0.3	29
34	Role of the Microenvironment in Ovarian Cancer Stem Cell Maintenance. <i>BioMed Research International</i> , 2013, 2013, 1-10.	0.9	28
35	Mesenchymal cell interaction with ovarian cancer cells induces a background dependent pro-metastatic transcriptomic profile. <i>Journal of Translational Medicine</i> , 2014, 12, 59.	1.8	28
36	AAV-mediated persistent bevacizumab therapy suppresses tumor growth of ovarian cancer. <i>Gynecologic Oncology</i> , 2014, 135, 325-332.	0.6	28

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37	GAPTrap: A Simple Expression System for Pluripotent Stem Cells and Their Derivatives. <i>Stem Cell Reports</i> , 2016, 7, 518-526.	2.3	27
38	Human Embryonic Stem Cell Derived Mesenchymal Progenitors Express Cardiac Markers but Do Not Form Contractile Cardiomyocytes. <i>PLoS ONE</i> , 2013, 8, e54524.	1.1	26
39	Nesting of colon and ovarian cancer cells in the endothelial niche is associated with alterations in glycan and lipid metabolism. <i>Scientific Reports</i> , 2017, 7, 39999.	1.6	26
40	Vaginal hysterectomy for benign disorders in obese women: a prospective study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2005, 112, 223-227.	1.1	25
41	Hospicells derived from ovarian cancer stroma inhibit Tâ€cell immune responses. <i>International Journal of Cancer</i> , 2010, 126, 2143-2152.	2.3	25
42	Endothelial cells provide a niche for placental hematopoietic stem/progenitor cell expansion through broad transcriptomic modification. <i>Stem Cell Research</i> , 2013, 11, 1074-1090.	0.3	25
43	Role of mesenchymal cells in the natural history of ovarian cancer: a review. <i>Journal of Translational Medicine</i> , 2014, 12, 271.	1.8	23
44	MicroRNA-200, associated with metastatic breast cancer, promotes traits of mammary luminal progenitor cells. <i>Oncotarget</i> , 2017, 8, 83384-83406.	0.8	23
45	Gene expression analysis of matched ovarian primary tumors and peritoneal metastasis. <i>Journal of Translational Medicine</i> , 2012, 10, 121.	1.8	21
46	Akt-activated endothelium promotes ovarian cancer proliferation through notch activation. <i>Journal of Translational Medicine</i> , 2019, 17, 194.	1.8	20
47	SDF-1alpha concentration dependent modulation of RhoA and Rac1 modifies breast cancer and stromal cells interaction. <i>BMC Cancer</i> , 2015, 15, 569.	1.1	19
48	The Necessity of a Systematic Approach for the Use of MSCs in the Clinical Setting. <i>Stem Cells International</i> , 2013, 2013, 1-10.	1.2	17
49	VE-cadherin cleavage by ovarian cancer microparticles induces Î²-catenin phosphorylation in endothelial cells. <i>Oncotarget</i> , 2016, 7, 5289-5305.	0.8	17
50	Angiogenic content of microparticles in patients with diabetes and coronary artery disease predicts networks of endothelial dysfunction. <i>Cardiovascular Diabetology</i> , 2022, 21, 17.	2.7	17
51	P-Glycoprotein-Activity Measurements in Multidrug Resistant Cell Lines: Single-Cell versus Single-Well Population Fluorescence Methods. <i>BioMed Research International</i> , 2013, 2013, 1-11.	0.9	13
52	Differentially expressed circulating microRNAs in the development of acute diabetic Charcot foot. <i>Epigenomics</i> , 2018, 10, 1267-1278.	1.0	13
53	A Systems-level Characterization of the Differentiation of Human Embryonic Stem Cells into Mesenchymal Stem Cells*[S]. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1950-1966.	2.5	13
54	Preferential Allele Expression Analysis Identifies Shared Germline and Somatic Driver Genes in Advanced Ovarian Cancer. <i>PLoS Genetics</i> , 2016, 12, e1005755.	1.5	12

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55	Critical steps for initiating an animal uterine transplantation model in sheep: Experience from a case series. <i>International Journal of Surgery</i> , 2018, 60, 245-251.	1.1	12
56	Signal Transducer and Activator of Transcription 3 (STAT3) Suppresses STAT1/Interferon Signaling Pathway and Inflammation in Senescent Preadipocytes. <i>Antioxidants</i> , 2021, 10, 334.	2.2	12
57	Surgical peritoneal stress creates a pro-metastatic niche promoting resistance to apoptosis via IL-8. <i>Journal of Translational Medicine</i> , 2018, 16, 271.	1.8	11
58	Adaptation of a Commonly Used, Chemically Defined Medium for Human Embryonic Stem Cells to Stable Isotope Labeling with Amino Acids in Cell Culture. <i>Journal of Proteome Research</i> , 2013, 12, 3233-3245.	1.8	10
59	Dromedary camels as a natural source of neutralizing nanobodies against SARS-CoV-2. <i>JCI Insight</i> , 2021, 6, .	2.3	9
60	Whole-methylome analysis of circulating monocytes in acute diabetic Charcot foot reveals differentially methylated genes involved in the formation of osteoclasts. <i>Epigenomics</i> , 2019, 11, 281-296.	1.0	8
61	A de novo synonymous variant in EFTUD2 disrupts normal splicing and causes mandibulofacial dysostosis with microcephaly: case report. <i>BMC Medical Genetics</i> , 2020, 21, 182.	2.1	8
62	Defining the landscape of metabolic dysregulations in cancer metastasis. <i>Clinical and Experimental Metastasis</i> , 2022, 39, 345-362.	1.7	8
63	Activated protein C upregulates ovarian cancer cell migration and promotes unclottability of the cancer cell microenvironment. <i>Oncology Reports</i> , 2015, 34, 603-609.	1.2	7
64	Are Early Relapses in Advanced-Stage Ovarian Cancer Doomed to a Poor Prognosis?. <i>PLoS ONE</i> , 2016, 11, e0147787.	1.1	7
65	High-prevalence and broad spectrum of Cell Adhesion and Extracellular Matrix gene pathway mutations in epithelial ovarian cancer. <i>Journal of Clinical Bioinformatics</i> , 2012, 2, 15.	1.2	4
66	Randomized Study of Aggressive Surgery for Advanced Ovarian Cancer. <i>International Journal of Gynecological Cancer</i> , 2013, 23, 1168.2-1170.	1.2	3
67	Which Surgical Attitude to Choose in the Context of Non-Resectability of Ovarian Carcinomatosis: Beyond Gross Residual Disease Considerations. <i>Annals of Surgical Oncology</i> , 2016, 23, 434-442.	0.7	3
68	STXBP6, reciprocally regulated with autophagy, reduces triple negative breast cancer aggressiveness. <i>Clinical and Translational Medicine</i> , 2020, 10, e147.	1.7	3
69	Discovery of new therapeutic targets in ovarian cancer through identifying significantly non-mutated genes. <i>Journal of Translational Medicine</i> , 2022, 20, .	1.8	3
70	Improvement of therapy-induced myelodysplastic syndrome by infusion of autologous CD34-positive hematopoietic progenitor cells without chemotherapy. <i>Leukemia and Lymphoma</i> , 2020, 61, 3259-3262.	0.6	1
71	Tunneling nanotubes mediate preferential transfer of mitochondria from endothelial to cancer cells and confer chemoresistance. , 2012, , .		1
72	Altered Circulating microRNAs in Patients with Diabetic Neuropathy and Corneal Nerve Loss: A Pilot Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 1632.	1.0	1

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73	Akt-activated endothelium constitute the niche for residual disease and resistance to bevacizumab in ovarian cancer. , 2012, , .		0
74	Endothelial cells provide a niche for placental hematopoietic stem cell expansion. , 2012, , .		0
75	Determining the significance of observed mutations in ovarian tumors using a random expectation model. , 2012, , .		0
76	Metastatic Cancer And Rna Editing: Brief Look At How Rna Editing Is Seen To Encourage Primary Cancer Cells To Metastasize. , 2014, , .		0
77	Abstract 18901: Endothelium Based Feeder Improves Capacity of Human Embryonic Stem Cells Derived Cardiomyocytes. Circulation, 2015, 132, .	1.6	0