Arash Rafii

List of Publications by Year
in descending order

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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	Angiogenic content of microparticles in patients with diabetes and coronary artery disease predicts networks of endothelial dysfunction. Cardiovascular Diabetology, 2022, 21, 17.	2.7	17
2	Defining the landscape of metabolic dysregulations in cancer metastasis. Clinical and Experimental Metastasis, 2022, 39, 345-362.	1.7	8
3	Altered Circulating microRNAs in Patients with Diabetic Neuropathy and Corneal Nerve Loss: A Pilot Study. Journal of Clinical Medicine, 2022, 11, 1632.	1.0	1
4	Discovery of new therapeutic targets in ovarian cancer through identifying significantly non-mutated genes. Journal of Translational Medicine, 2022, 20, .	1.8	3
5	Signal Transducer and Activator of Transcription 3 (STAT3) Suppresses STAT1/Interferon Signaling Pathway and Inflammation in Senescent Preadipocytes. Antioxidants, 2021, 10, 334.	2.2	12
6	Dromedary camels as a natural source of neutralizing nanobodies against SARS-CoV-2. JCI Insight, 2021, 6, .	2.3	9
7	SIRT1 promotes lipid metabolism and mitochondrial biogenesis in adipocytes and coordinates adipogenesis by targeting key enzymatic pathways. Scientific Reports, 2021, 11, 8177.	1.6	77
8	A de novo synonymous variant in EFTUD2 disrupts normal splicing and causes mandibulofacial dysostosis with microcephaly: case report. BMC Medical Genetics, 2020, 21, 182.	2.1	8
9	STXBP6, reciprocally regulated with autophagy, reduces triple negative breast cancer aggressiveness. Clinical and Translational Medicine, 2020, 10, e147.	1.7	3
10	Improvement of therapy-induced myelodysplastic syndrome by infusion of autologous CD34-positive hematopoietic progenitor cells without chemotherapy. Leukemia and Lymphoma, 2020, 61, 3259-3262.	0.6	1
11	Angiocrine endothelium: from physiology to cancer. Journal of Translational Medicine, 2020, 18, 52.	1.8	53
12	A Systems-level Characterization of the Differentiation of Human Embryonic Stem Cells into Mesenchymal Stem Cells*[S]. Molecular and Cellular Proteomics, 2019, 18, 1950-1966.	2.5	13
13	Silencing of ANKRD12 circRNA induces molecular and functional changes associated with invasive phenotypes. BMC Cancer, 2019, 19, 565.	1.1	33
14	Akt-activated endothelium promotes ovarian cancer proliferation through notch activation. Journal of Translational Medicine, 2019, 17, 194.	1.8	20
15	Whole-methylome analysis of circulating monocytes in acute diabetic Charcot foot reveals differentially methylated genes involved in the formation of osteoclasts. Epigenomics, 2019, 11, 281-296.	1.0	8
16	NKX2-5 regulates human cardiomyogenesis via a HEY2 dependent transcriptional network. Nature Communications, 2018, 9, 1373.	5.8	77
17	CCL2/CCL5 secreted by the stroma induce IL-6/PYK2 dependent chemoresistance in ovarian cancer. Molecular Cancer, 2018, 17, 47.	7.9	59
18	Critical steps for initiating an animal uterine transplantation model in sheep: Experience from a case series. International Journal of Surgery, 2018, 60, 245-251.	1.1	12

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19	Surgical peritoneal stress creates a pro-metastatic niche promoting resistance to apoptosis via IL-8. Journal of Translational Medicine, 2018, 16, 271.	1.8	11
20	Halfway between 2D and Animal Models: Are 3D Cultures the Ideal Tool to Study Cancer-Microenvironment Interactions?. International Journal of Molecular Sciences, 2018, 19, 181.	1.8	329
21	Guidelines for reporting secondary findings of genome sequencing in cancer genes: the SFMPP recommendations. European Journal of Human Genetics, 2018, 26, 1732-1742.	1.4	44
22	Differentially expressed circulating microRNAs in the development of acute diabetic Charcot foot. Epigenomics, 2018, 10, 1267-1278.	1.0	13
23	Coculturing with endothelial cells promotes in vitro maturation and electrical coupling of human embryonic stem cellâ€“derived cardiomyocytes. Journal of Heart and Lung Transplantation, 2017, 36, 684-693.	0.3	29
24	Nesting of colon and ovarian cancer cells in the endothelial niche is associated with alterations in glycan and lipid metabolism. Scientific Reports, 2017, 7, 39999.	1.6	26
25	Circulating microparticles in acute diabetic Charcot foot exhibit a high content of inflammatory cytokines, and support monocyte-to-osteoclast cell induction. Scientific Reports, 2017, 7, 16450.	1.6	30
26	European Society of Gynaecological Oncology (ESGO) Guidelines for Ovarian Cancer Surgery. International Journal of Gynecological Cancer, 2017, 27, 1534-1542.	1.2	121
27	Complementarity of SOMAscan to LC-MS/MS and RNA-seq for quantitative profiling of human embryonic and mesenchymal stem cells. Journal of Proteomics, 2017, 150, 86-97.	1.2	46
28	MicroRNA-200, associated with metastatic breast cancer, promotes traits of mammary luminal progenitor cells. Oncotarget, 2017, 8, 83384-83406.	0.8	23
29	Altered expression pattern of circular RNAs in primary and metastatic sites of epithelial ovarian carcinoma. Oncotarget, 2016, 7, 36366-36381.	0.8	148
30	Are Early Relapses in Advanced-Stage Ovarian Cancer Doomed to a Poor Prognosis?. PLoS ONE, 2016, 11, e0147787.	1.1	7
31	Preferential Allele Expression Analysis Identifies Shared Germline and Somatic Driver Genes in Advanced Ovarian Cancer. PLoS Genetics, 2016, 12, e1005755.	1.5	12
32	GAPTrap: A Simple Expression System for Pluripotent Stem Cells and Their Derivatives. Stem Cell Reports, 2016, 7, 518-526.	2.3	27
33	Comprehensive transcriptomic and proteomic characterization of human mesenchymal stem cells reveals source specific cellular markers. Scientific Reports, 2016, 6, 21507.	1.6	101
34	Which Surgical Attitude to Choose in the Context of Non-Resectability of Ovarian Carcinomatosis: Beyond Gross Residual Disease Considerations. Annals of Surgical Oncology, 2016, 23, 434-442.	0.7	3
35	Integrative Analyses of Colorectal Cancer Show Immunoscore Is a Stronger Predictor of Patient Survival Than Microsatellite Instability. Immunity, 2016, 44, 698-711.	6.6	814
36	VE-cadherin cleavage by ovarian cancer microparticles induces Î²-catenin phosphorylation in endothelial cells. Oncotarget, 2016, 7, 5289-5305.	0.8	17

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37	Metabolic signatures differentiate ovarian from colon cancer cell lines. Journal of Translational Medicine, 2015, 13, 223.	1.8	34
38	Activated protein C upregulates ovarian cancer cell migration and promotes unclottability of the cancer cell microenvironment. Oncology Reports, 2015, 34, 603-609.	1.2	7
39	Epithelial to Mesenchymal Transition in a Clinical Perspective. Journal of Oncology, 2015, 2015, 1-10.	0.6	84
40	Breast cancer cells promote a notch-dependent mesenchymal phenotype in endothelial cells participating to a pro-tumoral niche. Journal of Translational Medicine, 2015, 13, 27.	1.8	43
41	SDF-1alpha concentration dependent modulation of RhoA and Rac1 modifies breast cancer and stromal cells interaction. BMC Cancer, 2015, 15, 569.	1.1	19
42	Epigenetics and Cardiovascular Disease in Diabetes. Current Diabetes Reports, 2015, 15, 108.	1.7	32
43	Abstract 18901: Endothelium Based Feeder Improves Capacity of Human Embryonic Stem Cells Derived Cardiomyocytes. Circulation, 2015, 132, .	1.6	0
44	Endothelial Cells Provide a Notch-Dependent Pro-Tumoral Niche for Enhancing Breast Cancer Survival, Stemness and Pro-Metastatic Properties. PLoS ONE, 2014, 9, e112424.	1.1	68
45	Role of mesenchymal cells in the natural history of ovarian cancer: a review. Journal of Translational Medicine, 2014, 12, 271.	1.8	23
46	Functional Network Pipeline Reveals Genetic Determinants Associated with in Situ Lymphocyte Proliferation and Survival of Cancer Patients. Science Translational Medicine, 2014, 6, 228ra37.	5.8	181
47	Akt-Activated Endothelium Constitutes the Niche for Residual Disease and Resistance to Bevacizumab in Ovarian Cancer. Molecular Cancer Therapeutics, 2014, 13, 3123-3136.	1.9	29
48	Mesenchymal cell interaction with ovarian cancer cells induces a background dependent pro-metastatic transcriptomic profile. Journal of Translational Medicine, 2014, 12, 59.	1.8	28
49	SIRPA, VCAM1 and CD34 identify discrete lineages during early human cardiovascular development. Stem Cell Research, 2014, 13, 172-179.	0.3	63
50	Microparticles mediated cross-talk between tumoral and endothelial cells promote the constitution of a pro-metastatic vascular niche through Arf6 up regulation. Cancer Microenvironment, 2014, 7, 41-59.	3.1	45
51	Angiocrine Factors Deployed by Tumor Vascular Niche Induce B Cell Lymphoma Invasiveness and Chemoresistance. Cancer Cell, 2014, 25, 350-365.	7.7	203
52	AAV-mediated persistent bevacizumab therapy suppresses tumor growth of ovarian cancer. Gynecologic Oncology, 2014, 135, 325-332.	0.6	28
53	Metastatic Cancer And Rna Editing: Brief Look At How Rna Editing Is Seen To Encourage Primary Cancer Cells To Metastasize. , 2014, , .		0
54	Preferential transfer of mitochondria from endothelial to cancer cells through tunneling nanotubes modulates chemoresistance. Journal of Translational Medicine, 2013, 11, 94.	1.8	359

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55	Mesenchymal stem cells enhance ovarian cancer cell infiltration through IL6 secretion in an amniochorionic membrane based 3D model. Journal of Translational Medicine, 2013, 11, 28.	1.8	68
56	Molecular Signatures of Tissue-Specific Microvascular Endothelial Cell Heterogeneity in Organ Maintenance and Regeneration. Developmental Cell, 2013, 26, 204-219.	3.1	548
57	Endothelial cells provide a niche for placental hematopoietic stem/progenitor cell expansion through broad transcriptomic modification. Stem Cell Research, 2013, 11, 1074-1090.	0.3	25
58	Adaptation of a Commonly Used, Chemically Defined Medium for Human Embryonic Stem Cells to Stable Isotope Labeling with Amino Acids in Cell Culture. Journal of Proteome Research, 2013, 12, 3233-3245.	1.8	10
59	P-Glycoprotein-Activity Measurements in Multidrug Resistant Cell Lines: Single-Cell versus Single-Well Population Fluorescence Methods. BioMed Research International, 2013, 2013, 1-11.	0.9	13
60	The Necessity of a Systematic Approach for the Use of MSCs in the Clinical Setting. Stem Cells International, 2013, 2013, 1-10.	1.2	17
61	Role of the Microenvironment in Ovarian Cancer Stem Cell Maintenance. BioMed Research International, 2013, 2013, 1-10.	0.9	28
62	Randomized Study of Aggressive Surgery for Advanced Ovarian Cancer. International Journal of Gynecological Cancer, 2013, 23, 1168.2-1170.	1.2	3
63	Human Embryonic Stem Cell Derived Mesenchymal Progenitors Express Cardiac Markers but Do Not Form Contractile Cardiomyocytes. PLoS ONE, 2013, 8, e54524.	1.1	26
64	Gene expression analysis of matched ovarian primary tumors and peritoneal metastasis. Journal of Translational Medicine, 2012, 10, 121.	1.8	21
65	High-prevalence and broad spectrum of Cell Adhesion and Extracellular Matrix gene pathway mutations in epithelial ovarian cancer. Journal of Clinical Bioinformatics, 2012, 2, 15.	1.2	4
66	Mesenchymal Cell Interaction with Ovarian Cancer Cells Triggers Pro-Metastatic Properties. PLoS ONE, 2012, 7, e38340.	1.1	44
67	Multi-Center Evaluation of Post-Operative Morbidity and Mortality after Optimal Cytoreductive Surgery for Advanced Ovarian Cancer. PLoS ONE, 2012, 7, e39415.	1.1	64
68	Akt-activated endothelium constitute the niche for residual disease and resistance to bevacizumab in ovarian cancer. , 2012, , .		0
69	Endothelial cells provide a niche for placental hematopoietic stem cell expansion. , 2012, , .		0
70	Tunneling nanotubes mediate preferential transfer of mitochondria from endothelial to cancer cells and confer chemoresistance. , 2012, , .		1
71	Determining the significance of observed mutations in ovarian tumors using a random expectation model. , 2012, , .		0
72	Tumor associated mesenchymal stem cells protects ovarian cancer cells from hyperthermia through CXCL12. International Journal of Cancer, 2011, 128, 715-725.	2.3	96

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73	Copy Number Variation Analysis of Matched Ovarian Primary Tumors and Peritoneal Metastasis. PLoS ONE, 2011, 6, e28561.	1.1	47
74	Hospicells (ascitesâ€derived stromal cells) promote tumorigenicity and angiogenesis. International Journal of Cancer, 2010, 126, 2090-2101.	2.3	70
75	Hospicells derived from ovarian cancer stroma inhibit Tâ€cell immune responses. International Journal of Cancer, 2010, 126, 2143-2152.	2.3	25
76	Oncologic Trogocytosis of an Original Stromal Cells Induces Chemoresistance of Ovarian Tumours. PLoS ONE, 2008, 3, e3894.	1.1	84
77	Vaginal hysterectomy for benign disorders in obese women: a prospective study. BJOG: an International Journal of Obstetrics and Gynaecology, 2005, 112, 223-227.	1.1	25