Orazio Fortunato

List of Publications by Year
in descending order

36 papers	1,725 citations	331259 21 h-index	360668 35 g-index
36 all docs	36 docs citations	36 times ranked	3046 citing authors

#	Article	IF	Citations
1	Transplantation of Human Pericyte Progenitor Cells Improves the Repair of Infarcted Heart Through Activation of an Angiogenic Program Involving Micro-RNA-132. Circulation Research, 2011, 109, 894-906.	2.0	332
2	MicroRNA-15a and MicroRNA-16 Impair Human Circulating Proangiogenic Cell Functions and Are Increased in the Proangiogenic Cells and Serum of Patients With Critical Limb Ischemia. Circulation Research, 2013, 112, 335-346.	2.0	180
3	Global Remodeling of the Vascular Stem Cell Niche in Bone Marrow of Diabetic Patients. Circulation Research, 2013, 112, 510-522.	2.0	135
4	Role of Kinin B 2 Receptor Signaling in the Recruitment of Circulating Progenitor Cells With Neovascularization Potential. Circulation Research, 2008, 103, 1335-1343.	2.0	108
5	Role for Substance Pâ€“Based Nociceptive Signaling in Progenitor Cell Activation and Angiogenesis During Ischemia in Mice and in Human Subjects. Circulation, 2012, 125, 1774-1786.	1.6	90
6	Mir-660 is downregulated in lung cancer patients and its replacement inhibits lung tumorigenesis by targeting MDM2-p53 interaction. Cell Death and Disease, 2014, 5, e1564-e1564.	2.7	73
7	Novel method to detect microRNAs using chip-based QuantStudio 3D digital PCR. BMC Genomics, 2015, 16, 849.	1.2	62
8	Assessment of Circulating microRNAs in Plasma of Lung Cancer Patients. Molecules, 2014, 19, 3038-3054.	1.7	60
9	Exo-miRNAs as a New Tool for Liquid Biopsy in Lung Cancer. Cancers, 2019, 11, 888.	1.7	56
10	Circulating mirâ€320a promotes immunosuppressive macrophages M2 phenotype associated with lung cancer risk. International Journal of Cancer, 2019, 144, 2746-2761.	2.3	56
11	PlGFâ€“MMP9-engineered iPS cells supported on a PEGâ€“fibrinogen hydrogel scaffold possess an enhanced capacity to repair damaged myocardium. Cell Death and Disease, 2014, 5, e1053-e1053.	2.7	54
12	Tissue Kallikrein Is Essential for Invasive Capacity of Circulating Proangiogenic Cells. Circulation Research, 2011, 108, 284-293.	2.0	50
13	Therapeutic Use of MicroRNAs in Lung Cancer. BioMed Research International, 2014, 2014, 1-8.	0.9	44
14	Soluble ST2 Is Regulated by p75 Neurotrophin Receptor and Predicts Mortality in Diabetic Patients With Critical Limb Ischemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, e149-60.	1.1	42
15	Coated cationic lipid-nanoparticles entrapping miR-660 inhibit tumor growth in patient-derived xenografts lung cancer models. Journal of Controlled Release, 2019, 308, 44-56.	4.8	41
16	Recent advances of microRNA-based molecular diagnostics to reduce false-positive lung cancer imaging. Expert Review of Molecular Diagnostics, 2015, 15, 801-813.	1.5	32
17	c-Myc shuttled by tumour-derived extracellular vesicles promotes lung bronchial cell proliferation through miR-19b and miR-92a. Cell Death and Disease, 2019, 10, 759.	2.7	32
18	Migratory activity of circulating progenitor cells and serum SDF-1Î± predict adverse events in patients with myocardial infarction. Cardiovascular Research, 2013, 100, 192-200.	1.8	31

#	Article	IF	Citations
19	MicroRNA Based Liquid Biopsy: The Experience of the Plasma miRNA Signature Classifier (MSC) for Lung Cancer Screening. Journal of Visualized Experiments, 2017, , .	0.2	27
20	mir-660-p53-mir-486 Network: A New Key Regulatory Pathway in Lung Tumorigenesis. International Journal of Molecular Sciences, 2017, 18, 222.	1.8	27
21	Extracellular high mobility group box-1 inhibits R5 and X4 HIV-1 strains replication in mononuclear phagocytes without induction of chemokines and cytokines. Aids, 2009, 23, 567-577.	1.0	22
22	In vivo organized neovascularization induced by 3D bioprinted endothelial-derived extracellular vesicles. Biofabrication, 2021, 13, 035014.	3.7	21
23	Nitric oxideâ€donating statin improves multiple functions of circulating angiogenic cells. British Journal of Pharmacology, 2011, 164, 570-583.	2.7	20
24	Cotargeting of miRâ€126â€3p and miRâ€221â€3p inhibits PIK3R2 and PTEN, reducing lung cancer growth and metastasis by blocking AKT and CXCR4 signalling. Molecular Oncology, 2021, 15, 2969-2988.	2.1	16
25	Age-Related Alterations in Immune Contexture Are Associated with Aggressiveness in Rhabdomyosarcoma. Cancers, 2019, 11, 1380.	1.7	15
26	MiRNAs as Players in Rhabdomyosarcoma Development. International Journal of Molecular Sciences, 2019, 20, 5818.	1.8	15
27	Circulating extracellular vesicles from individuals at high-risk of lung cancer induce pro-tumorigenic conversion of stromal cells through transfer of miR-126 and miR-320. Journal of Experimental and Clinical Cancer Research, 2021, 40, 237.	3.5	15
28	Migratory Activity of Circulating Mononuclear Cells Is Associated With Cardiovascular Mortality in Type 2 Diabetic Patients With Critical Limb Ischemia. Diabetes Care, 2014, 37, 1410-1417.	4.3	14
29	Cardiac Nerve Growth Factor Overexpression Induces Bone Marrowâ€“derived Progenitor Cells Mobilization and Homing to the Infarcted Heart. Molecular Therapy, 2015, 23, 1854-1866.	3.7	14
30	The Therapeutic Potential of MicroRNAs in Cancer: Illusion or Opportunity?. Pharmaceuticals, 2020, 13, 438.	1.7	13
31	MiR-486-5p Targets CD133+ Lung Cancer Stem Cells through the p85/AKT Pathway. Pharmaceuticals, 2022, 15, 297.	1.7	10
32	MicroRNA Profile of Lung Tumor Tissues Is Associated with a High Risk Plasma miRNA Signature. Microarrays (Basel, Switzerland), 2016, 5, 18.	1.4	7
33	Complexity index in sarcoma and genomic grade index gene signatures in rhabdomyosarcoma of pediatric and adult ages. Pediatric Blood and Cancer, 2021, 68, e28987.	0.8	7
34	Detection of microRNAs Using Chip-Based QuantStudio 3D Digital PCR. Methods in Molecular Biology, 2017, 1580, 239-247.	0.4	3
35	Close Encounters of the Third Kind. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 243-244.	1.1	1
36	Pathophysiology roles and translational opportunities of miRNAs in lung cancer. , 2022, , 245-253.		0