Orazio Fortunato

List of Publications by Citations

35 papers	1,335 citations	20 h-index	36 g-index
36 ext. papers	1,551 ext. citations	8.6 avg, IF	3.99 L-index

#	Paper	IF	Citations
35	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	15.7	286
34	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, 335-46	15.7	151
33	Global remodeling of the vascular stem cell niche in bone marrow of diabetic patients: implication of the microRNA-155/FOXO3a signaling pathway. *Circulation Research*, **2013**, 112, 510-22	15.7	106
32	Role of kinin B2 receptor signaling in the recruitment of circulating progenitor cells with neovascularization potential. *Circulation Research*, **2008**, 103, 1335-43	15.7	90
31	Role for substance p-based nociceptive signaling in progenitor cell activation and angiogenesis during ischemia in mice and in human subjects. *Circulation*, **2012**, 125, 1774-86, S1-19	16.7	77
30	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	9.8	64
29	Assessment of circulating microRNAs in plasma of lung cancer patients. *Molecules*, **2014**, 19, 3038-54	4.8	50
28	Novel method to detect microRNAs using chip-based QuantStudio 3D digital PCR. *BMC Genomics*, **2015**, 16, 849	4.5	46
27	PlGF-MMP9-engineered iPS cells supported on a PEG-fibrinogen hydrogel scaffold possess an enhanced capacity to repair damaged myocardium. *Cell Death and Disease*, **2014**, 5, e1053	9.8	46
26	Exo-miRNAs as a New Tool for Liquid Biopsy in Lung Cancer. *Cancers*, **2019**, 11,	6.6	41
25	Tissue kallikrein is essential for invasive capacity of circulating proangiogenic cells. *Circulation Research*, **2011**, 108, 284-93	15.7	39
24	Circulating mir-320a promotes immunosuppressive macrophages M2 phenotype associated with lung cancer risk. *International Journal of Cancer*, **2019**, 144, 2746-2761	7.5	37
23	Therapeutic use of microRNAs in lung cancer. *BioMed Research International*, **2014**, 2014, 756975	3	34
22	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	9.4	33
21	Recent advances of microRNA-based molecular diagnostics to reduce false-positive lung cancer imaging. *Expert Review of Molecular Diagnostics*, **2015**, 15, 801-13	3.8	27
20	Migratory activity of circulating progenitor cells and serum SDF-1 predict adverse events in patients with myocardial infarction. *Cardiovascular Research*, **2013**, 100, 192-200	9.9	25
19	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	11.7	23

18	MicroRNA Based Liquid Biopsy: The Experience of the Plasma miRNA Signature Classifier (MSC) for Lung Cancer Screening. *Journal of Visualized Experiments*, **2017**,	1.6	21
17	mir-660-p53-mir-486 Network: A New Key Regulatory Pathway in Lung Tumorigenesis. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	21
16	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, 567-77	3.5	21
15	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	9.8	20
14	Nitric oxide-donating statin improves multiple functions of circulating angiogenic cells. *British Journal of Pharmacology*, **2011**, 164, 570-83	8.6	17
13	Cardiac Nerve Growth Factor Overexpression Induces Bone Marrow-derived Progenitor Cells Mobilization and Homing to the Infarcted Heart. *Molecular Therapy*, **2015**, 23, 1854-66	11.7	11
12	Migratory activity of circulating mononuclear cells is associated with cardiovascular mortality in type 2 diabetic patients with critical limb ischemia. *Diabetes Care*, **2014**, 37, 1410-7	14.6	10
11	organized neovascularization induced by 3D bioprinted endothelial-derived extracellular vesicles. *Biofabrication*, **2021**, 13,	10.5	8
10	Age-Related Alterations in Immune Contexture Are Associated with Aggressiveness in Rhabdomyosarcoma. *Cancers*, **2019**, 11,	6.6	6
9	The Therapeutic Potential of MicroRNAs in Cancer: Illusion or Opportunity?. *Pharmaceuticals*, **2020**, 13,	5.2	5
8	MicroRNA Profile of Lung Tumor Tissues Is Associated with a High Risk Plasma miRNA Signature. *Microarrays (Basel, Switzerland)*, **2016**, 5,		5
7	MiRNAs as Players in Rhabdomyosarcoma Development. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	5
6	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	12.8	4
5	Detection of microRNAs Using Chip-Based QuantStudio 3D Digital PCR. *Methods in Molecular Biology*, **2017**, 1580, 239-247	1.4	3
4	Cotargeting of miR-126-3p and miR-221-3p inhibits PIK3R2 and PTEN, reducing lung cancer growth and metastasis by blocking AKT and CXCR4 signalling. *Molecular Oncology*, **2021**, 15, 2969-2988	7.9	2
3	Close encounters of the third kind: progenitor cells land on the platelet-enriched vascular surface. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2011**, 31, 243-4	9.4	1
2	Complexity index in sarcoma and genomic grade index gene signatures in rhabdomyosarcoma of pediatric and adult ages. *Pediatric Blood and Cancer*, **2021**, 68, e28987	3	0
1	Pathophysiology roles and translational opportunities of miRNAs in lung cancer **2022**, 245-253		