

# Patrizia Dell'Era

## List of Publications by Year in descending order

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68  
papers

3,736  
citations

172457

29  
h-index

128289

60  
g-index

68  
all docs

68  
docs citations

68  
times ranked

5024  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fibroblast growth factor/fibroblast growth factor receptor system in angiogenesis. <i>Cytokine and Growth Factor Reviews</i> , 2005, 16, 159-178.	7.2	1,126
2	Nitric Oxide Promotes Proliferation and Plasminogen Activator Production by Coronary Venular Endothelium Through Endogenous bFGF. <i>Circulation Research</i> , 1997, 80, 845-852.	4.5	182
3	Characterization of the murine BEK fibroblast growth factor (FGF) receptor: activation by three members of the FGF family and requirement for heparin.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 3305-3309.	7.1	143
4	Integrin Mediates the Cell-adhesive Capacity and Biological Activity of Basic Fibroblast Growth Factor (FGF-2) in Cultured Endothelial Cells. <i>Molecular Biology of the Cell</i> , 1997, 8, 2449-2461.	2.1	140
5	Osteopontin (Eta-1) and Fibroblast Growth Factor-2 Cross-Talk in Angiogenesis. <i>Journal of Immunology</i> , 2003, 171, 1085-1093.	0.8	123
6	Fibroblast Growth Factor Receptor-1 Is Essential for In Vitro Cardiomyocyte Development. <i>Circulation Research</i> , 2003, 93, 414-420.	4.5	117
7	Inflammatory cells and chemokines sustain FGF2-induced angiogenesis. <i>European Cytokine Network</i> , 2009, 20, 39-50.	2.0	114
8	Basic Fibroblast Growth Factor-Induced Angiogenic Phenotype in Mouse Endothelium. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997, 17, 454-464.	2.4	108
9	Cell membrane GM1 ganglioside is a functional coreceptor for fibroblast growth factor 2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 4367-4372.	7.1	101
10	Shedding of Membrane Vesicles Mediates Fibroblast Growth Factor-2 Release from Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 51911-51919.	3.4	99
11	Deregulated FGFR3 mutants in multiple myeloma cell lines with t(4;14): comparative analysis of Y373C, K650E and the novel G384D mutations. <i>Oncogene</i> , 2001, 20, 3553-3562.	5.9	98
12	Modulation of Fibroblast Growth Factor-2 Receptor Binding, Signaling, and Mitogenic Activity by Heparin-Mimicking Polysulfonated Compounds. <i>Molecular Pharmacology</i> , 1999, 56, 204-213.	2.3	95
13	Distinct Role of 2-O-, N-, and 6-O-Sulfate Groups of Heparin in the Formation of the Ternary Complex with Basic Fibroblast Growth Factor and Soluble FGF Receptor-1. <i>Biochemical and Biophysical Research Communications</i> , 1994, 203, 450-458.	2.1	85
14	Basic fibroblast growth factor requires a long-lasting activation of protein kinase C to induce cell proliferation in transformed fetal bovine aortic endothelial cells.. <i>Molecular Biology of the Cell</i> , 1991, 2, 719-726.	6.5	64
15	Nuclear localization of endogenous basic fibroblast growth factor in cultured endothelial cells. <i>Experimental Cell Research</i> , 1991, 192, 505-510.	2.6	62
16	Biological activity of substrate-bound basic fibroblast growth factor (FGF2): recruitment of FGF receptor-1 in endothelial cell adhesion contacts. <i>Oncogene</i> , 2002, 21, 3889-3897.	5.9	61
17	Clinical potentials of human pluripotent stem cells. <i>Cell Biology and Toxicology</i> , 2017, 33, 351-360.	5.3	55
18	Paracrine and autocrine effects of fibroblast growth factor-4 in endothelial cells. <i>Oncogene</i> , 2001, 20, 2655-2663.	5.9	53

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19	Fibroblast Growth Factors and Their Receptors in Hematopoiesis and Hematological Tumors. <i>Journal of Hematotherapy and Stem Cell Research</i> , 2002, 11, 19-32.	1.8	52
20	Human iPSC modelling of a familial form of atrial fibrillation reveals a gain of function of If and ICaL in patient-derived cardiomyocytes. <i>Cardiovascular Research</i> , 2020, 116, 1147-1160.	3.8	50
21	Using iPSC Cells toward the Understanding of Parkinson's Disease. <i>Journal of Clinical Medicine</i> , 2015, 4, 548-566.	2.4	47
22	Expression of basic fibroblast growth factor and its receptors in human fetal microglia cells. <i>International Journal of Developmental Neuroscience</i> , 1995, 13, 29-39.	1.6	44
23	Human derived cardiomyocytes: A decade of knowledge after the discovery of induced pluripotent stem cells. <i>Developmental Dynamics</i> , 2016, 245, 1145-1158.	1.8	42
24	Characterization of a Mr 25,000 basic fibroblast growth factor form in adult, regenerating, and fetal rat liver. <i>Biochemical and Biophysical Research Communications</i> , 1989, 164, 1182-1189.	2.1	41
25	Lower endothelial progenitor cell number, family history of cardiovascular disease and reduced HDL-cholesterol levels are associated with shorter leukocyte telomere length in healthy young adults. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013, 23, 272-278.	2.6	37
26	Alterations of blood vessel development by endothelial cells overexpressing fibroblast growth factor-2. , 1999, 189, 590-599.		35
27	Fibroblast Growth Factor Receptor-1 Expression Is Required for Hematopoietic but not Endothelial Cell Development. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 944-949.	2.4	35
28	Antiangiogenic Activity of Semisynthetic Biotechnological Heparins. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 71-76.	2.4	35
29	Cardiac disease modeling using induced pluripotent stem cell-derived human cardiomyocytes. <i>World Journal of Stem Cells</i> , 2015, 7, 329.	2.8	35
30	Gene expression profile in fibroblast growth factor 2-transformed endothelial cells. <i>Oncogene</i> , 2002, 21, 2433-2440.	5.9	30
31	Differential expression of fibroblast growth factor receptors by human neurones, astrocytes, and microglia. <i>NeuroReport</i> , 1994, 6, 197-200.	1.2	29
32	Sphingosine-1-Phosphate Receptor-1 Controls Venous Endothelial Barrier Integrity in Zebrafish. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, e104-16.	2.4	29
33	Antiangiogenic Activity of a Neutralizing Human Single-Chain Antibody Fragment against Fibroblast Growth Factor Receptor 1. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 3244-3253.	4.1	28
34	Different Tyrosine Autophosphorylation Requirements in Fibroblast Growth Factor Receptor-1 Mediate Urokinase-Type Plasminogen Activator Induction and Mitogenesis. <i>Molecular Biology of the Cell</i> , 1999, 10, 23-33.	2.1	27
35	Basic fibroblast growth factor in neuronal cultures of human fetal brain. <i>Journal of Neuroscience Research</i> , 1990, 27, 78-83.	2.9	26
36	Preparation and properties of high performance gelatin-based hydrogels with chitosan or hydroxyethyl cellulose for tissue engineering applications. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2019, 68, 183-192.	3.4	25

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37	Biomanufacturing of a Chitosan/Collagen Scaffold to Drive Adhesion and Alignment of Human Cardiomyocyte Derived from Stem Cells. <i>Procedia CIRP</i> , 2016, 49, 113-120.	1.9	21
38	Developmentally regulated expression and localization of fibroblast growth factor receptors in the human muscle. , 1998, 211, 362-373.		19
39	A detailed characterization of the hyperpolarization-activated $I_f$ current in human-induced pluripotent stem cell (iPSC)-derived cardiomyocytes with pacemaker activity. <i>Pflügers Archiv European Journal of Physiology</i> , 2021, 473, 1009-1021.	2.8	18
40	EBF1 is expressed in pericytes and contributes to pericyte cell commitment. <i>Histochemistry and Cell Biology</i> , 2021, 156, 333-347.	1.7	18
41	Urokinase-Type Plasminogen Activator Overexpression Enhances the Invasive Capacity of Endothelial Cells. <i>Microvascular Research</i> , 1997, 53, 254-260.	2.5	17
42	Comparative Analysis of Mesenchymal Stromal Cells Biological Properties. <i>ISRN Stem Cells</i> , 2013, 2013, 1-9.	1.8	16
43	Human Erythropoietin Induces a Pro-Angiogenic Phenotype in Cultured Endothelial Cells and Stimulates Neovascularization In Vivo. <i>Blood</i> , 1999, 93, 2627-2636.	1.4	16
44	Microstructured scaffold for guided cellular orientation: Poly( $\mu$ -caprolactone) electrospinning on laser ablated titanium collector. <i>CIRP Journal of Manufacturing Science and Technology</i> , 2017, 19, 147-157.	4.5	14
45	FGF2-induced upregulation of DNA polymerase- $\beta$ p12 subunit in endothelial cells. <i>Oncogene</i> , 2005, 24, 1117-1121.	5.9	13
46	Fibroblast growth factor receptor-1 phosphorylation requirement for cardiomyocyte differentiation in murine embryonic stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 1489-1498.	3.6	11
47	Ascorbic acid rescues cardiomyocyte development in $Fgfr1^{-/-}$ murine embryonic stem cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 140-147.	4.1	11
48	Parkinson's disease patient-specific neuronal networks carrying the LRRK2 G2019S mutation unveil early functional alterations that predate neurodegeneration. <i>Npj Parkinson's Disease</i> , 2021, 7, 55.	5.3	11
49	Preliminary Study of Inkjet Printed Sensors for Monitoring Cell Cultures. <i>Procedia Engineering</i> , 2016, 168, 578-581.	1.2	10
50	Generation and characterization of the human iPSC line IDISi001-A isolated from blood cells of a CADASIL patient carrying a NOTCH3 mutation. <i>Stem Cell Research</i> , 2018, 28, 16-20.	0.7	9
51	Induced pluripotent stem cell-based studies of Parkinson's disease: challenges and promises. <i>CNS and Neurological Disorders - Drug Targets</i> , 2013, 12, 1114-27.	1.4	9
52	Examining New Models for the Study of Autocrine and Paracrine Mechanisms of Angiogenesis Through FGF2-Transfected Endothelial and Tumour Cells. <i>Advances in Experimental Medicine and Biology</i> , 2000, 476, 7-34.	1.6	8
53	Phage Displayed Peptides/Antibodies Recognizing Growth Factors and Their Tyrosine Kinase Receptors as Tools for Anti-Cancer Therapeutics. <i>International Journal of Molecular Sciences</i> , 2012, 13, 5254-5277.	4.1	7
54	Generation of induced pluripotent stem cells (iPSC) from an atrial fibrillation patient carrying a PITX2 p.M200V mutation. <i>Stem Cell Research</i> , 2017, 24, 8-11.	0.7	7

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55	Prediction of abdominal aortic aneurysm calcification by means of variation of high-sensitivity C-reactive protein. <i>JRSM Cardiovascular Disease</i> , 2016, 5, 204800401668217.	0.7	4
56	Generation of induced Pluripotent Stem Cells as disease modelling of NLSDM. <i>Molecular Genetics and Metabolism</i> , 2017, 121, 28-34.	1.1	4
57	Chemical structure and genotoxic activity of the hepatocarcinogenic beta-blocker DL-ZAMI 1305. <i>Carcinogenesis</i> , 1990, 11, 261-265.	2.8	3
58	Generation of induced pluripotent stem cells (iPSC) from an atrial fibrillation patient carrying a KCNA5 p.D322H mutation. <i>Stem Cell Research</i> , 2017, 24, 29-32.	0.7	3
59	INK-JET PRINTED STRETCHABLE SENSORS FOR CELL MONITORING UNDER MECHANICAL STIMULI: A FEASIBILITY STUDY. <i>Journal of Mechanics in Medicine and Biology</i> , 2019, 19, 1950049.	0.7	3
60	Alterations of blood vessel development by endothelial cells overexpressing fibroblast growth factor-2. <i>Journal of Pathology</i> , 1999, 189, 590-599.	4.5	3
61	Arrangement of Live Human Cells through Acoustic Waves Generated by Piezoelectric Actuators for Tissue Engineering Applications. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3477.	2.5	2
62	Simultaneously characterization of tumoral angiogenesis and vasculogenesis in stem cell-derived teratomas. <i>Experimental Cell Research</i> , 2021, 400, 112490.	2.6	2
63	Fibroblast Growth Factor-2 in Angiogenesis. , 2008, , 77-88.		2
64	Carbon on poly( $\mu$ -caprolactone) (PCL) Ink-jet Printed Sensor for Monitoring Cell Cultures of Myoblasts. <i>IFMBE Proceedings</i> , 2018, , 783-786.	0.3	1
65	Gene expression profile in fibroblast growth factor 2-transformed endothelial cells. , 0, .		1
66	ELM: A New, Simple, and Economic Assay to Measure Motility of Lymphatic Endothelial Cells. <i>Lymphatic Research and Biology</i> , 2017, 15, 39-44.	1.1	0
67	Autocrine Role of Basic Fibroblast Growth Factor (bFGF) in Angiogenesis and Angioproliferative Diseases. , 1998, , 99-112.		0
68	Generation of the induced pluripotent stem cell line UNIBSi017-A from an individual with cardiospondylocarpofacial syndrome and the MAP3K7 c.737-7A>G variant. <i>Stem Cell Research</i> , 2022, , 102837.	0.7	0