

# Elisabetta Grillo

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

517  
citations

686830

13  
h-index

676716

22  
g-index

31  
all docs

31  
docs citations

31  
times ranked

729  
citing authors

#	ARTICLE	IF	CITATIONS
1	Loss of pyruvate kinase M2 limits growth and triggers innate immune signaling in endothelial cells. <i>Nature Communications</i> , 2018, 9, 4077.	5.8	55
2	Cyclic Adenosine Monophosphate-Response Element-Binding Protein Mediates the Proangiogenic or Proinflammatory Activity of Gremlin. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 136-145.	1.1	45
3	FGF Trapping Inhibits Multiple Myeloma Growth through c-Myc Degradation-Induced Mitochondrial Oxidative Stress. <i>Cancer Research</i> , 2020, 80, 2340-2354.	0.4	41
4	The FGF/FGFR system in the physiopathology of the prostate gland. <i>Physiological Reviews</i> , 2021, 101, 569-610.	13.1	37
5	Monomeric gremlin is a novel vascular endothelial growth factor receptor-2 antagonist. <i>Oncotarget</i> , 2016, 7, 35353-35368.	0.8	34
6	H-ferritin suppression and pronounced mitochondrial respiration make Hepatocellular Carcinoma cells sensitive to RSL3-induced ferroptosis. <i>Free Radical Biology and Medicine</i> , 2021, 169, 294-303.	1.3	34
7	VEGFR2 activation mediates the pro-angiogenic activity of BMP4. <i>Angiogenesis</i> , 2019, 22, 521-533.	3.7	33
8	Hyper-Activation of STAT3 Sustains Progression of Non-Papillary Basal-Type Bladder Cancer via FOSL1 Regulome. <i>Cancers</i> , 2019, 11, 1219.	1.7	32
9	Long Pentraxin-3 Follows and Modulates Bladder Cancer Progression. <i>Cancers</i> , 2019, 11, 1277.	1.7	24
10	Inhibition of the FGF/FGFR System Induces Apoptosis in Lung Cancer Cells via c-Myc Downregulation and Oxidative Stress. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9376.	1.8	24
11	Design, synthesis and biological evaluation of novel vicinal diaryl-substituted 1H-Pyrazole analogues of combretastatin A-4 as highly potent tubulin polymerization inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2019, 181, 111577.	2.6	22
12	Irisin regulates thermogenesis and lipolysis in 3T3-L1 adipocytes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2022, 1866, 130085.	1.1	19
13	Caveolin-1 enhances metastasis formation in a human model of embryonal rhabdomyosarcoma through Erk signaling cooperation. <i>Cancer Letters</i> , 2019, 449, 135-144.	3.2	17
14	$\beta$ 2-Integrin Promotes Long-Lasting Activation and Polarization of Vascular Endothelial Growth Factor Receptor 2 by Immobilized Ligand. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 2161-2171.	1.1	16
15	PTX3 Modulates Neovascularization and Immune Inflammatory Infiltrate in a Murine Model of Fibrosarcoma. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4599.	1.8	14
16	$\beta$ 2-Galactosylceramidase Promotes Melanoma Growth via Modulation of Ceramide Metabolism. <i>Cancer Research</i> , 2020, 80, 5011-5023.	0.4	12
17	Natural Hydrogel-Based Bio-Scaffolds for Sustaining Angiogenesis in Beige Adipose Tissue. <i>Cells</i> , 2019, 8, 1457.	1.8	10
18	Expression of activated VEGFR2 by R1051Q mutation alters the energy metabolism of Sk-Mel-31 melanoma cells by increasing glutamine dependence. <i>Cancer Letters</i> , 2021, 507, 80-88.	3.2	8

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19	FGFR blockade by pemigatinib treats naïve and castration resistant prostate cancer. <i>Cancer Letters</i> , 2022, 526, 217-224.	3.2	8
20	A novel variant of VEGFR2 identified by a pan-cancer screening of recurrent somatic mutations in the catalytic domain of tyrosine kinase receptors enhances tumor growth and metastasis. <i>Cancer Letters</i> , 2021, 496, 84-92.	3.2	7
21	The Claudin-Low Subtype of High-Grade Serous Ovarian Carcinoma Exhibits Stem Cell Features. <i>Cancers</i> , 2021, 13, 906.	1.7	6
22	<i>Bartonella henselae</i> Persistence within Mesenchymal Stromal Cells Enhances Endothelial Cell Activation and Infectibility That Amplifies the Angiogenic Process. <i>Infection and Immunity</i> , 2021, 89, e0014121.	1.0	4
23	In Situ DNA/Protein Interaction Assay to Visualize Transcriptional Factor Activation. <i>Methods and Protocols</i> , 2020, 3, 80.	0.9	3
24	Production and Biochemical Characterization of Dimeric Recombinant Gremlin-1. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1151.	1.8	3
25	Simultaneously characterization of tumoral angiogenesis and vasculogenesis in stem cell-derived teratomas. <i>Experimental Cell Research</i> , 2021, 400, 112490.	1.2	2
26	Protein domain-based approaches for the identification and prioritization of therapeutically actionable cancer variants. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021, 1876, 188614.	3.3	2
27	A Model of Integrin and VEGF Receptors Recruitment on Endothelial Cells. <i>Advanced Structured Materials</i> , 2020, , 163-198.	0.3	2
28	Novel potential oncogenic and druggable mutations of FGFRs recur in the kinase domain across cancer types. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166313.	1.8	2
29	The Metastatic Capacity of Melanoma Reveals Alternative Pathways of Cancer Dissemination. <i>International Journal of Translational Medicine</i> , 2021, 1, 163-174.	0.1	1
30	Irisin Reduces the Metabolic Rate of Beige Adipocytes. <i>Proceedings (mdpi)</i> , 2019, 25, .	0.2	0
31	Inactive VEGFR2(R1032Q) exerts pro-oncogenic activity through heterodimerization with wild-type receptor. <i>FASEB Journal</i> , 2021, 35, .	0.2	0