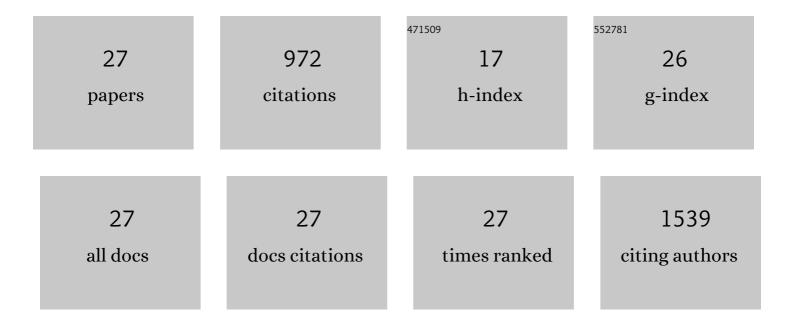
## Lucia Napione

List of Publications by Year in descending order

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LUCIA NADIONE

#	Article	IF	CITATIONS
1	Stable interaction between α5β1 integrin and Tie2 tyrosine kinase receptor regulates endothelial cell response to Ang-1. Journal of Cell Biology, 2005, 170, 993-1004.	5.2	162
2	A study of the interaction between fluorescein sodium salt and bovine serum albumin by steady-state fluorescence. Dyes and Pigments, 2009, 80, 307-313.	3.7	132
3	Temporal and Spatial Modulation of Rho GTPases during in Vitro Formation of Capillary Vascular Network. Journal of Biological Chemistry, 2003, 278, 50702-50713.	3.4	64
4	Integration of microfluidic and cantilever technology for biosensing application in liquid environment. Biosensors and Bioelectronics, 2010, 26, 1565-1570.	10.1	58
5	Tie-2–dependent activation of RhoA and Rac1 participates in endothelial cell motility triggered by angiopoietin-1. Blood, 2003, 102, 2482-2490.	1.4	57
6	A Fluorescent One-Dimensional Photonic Crystal for Label-Free Biosensing Based on Bloch Surface Waves. Sensors, 2013, 13, 2011-2022.	3.8	56
7	Besides adhesion: new perspectives of integrin functions in angiogenesis. Cardiovascular Research, 2008, 78, 213-222.	3.8	55
8	Development of microcantilever-based biosensor array to detect Angiopoietin-1, a marker of tumor angiogenesisâ †. Biosensors and Bioelectronics, 2010, 25, 1193-1198.	10.1	47
9	Adaptor ShcA Protein Binds Tyrosine Kinase Tie2 Receptor and Regulates Migration and Sprouting but Not Survival of Endothelial Cells. Journal of Biological Chemistry, 2004, 279, 13224-13233.	3.4	44
10	Unraveling the influence of endothelial cell density on VEGF-A signaling. Blood, 2012, 119, 5599-5607.	1.4	30
11	Label-Free Detection of Tumor Angiogenesis Biomarker Angiopoietin 2 Using Bloch Surface Waves on One Dimensional Photonic Crystals. Journal of Lightwave Technology, 2015, 33, 3385-3393.	4.6	26
12	Integrins team up with tyrosine kinase receptors and plexins to control angiogenesis. Current Opinion in Hematology, 2008, 15, 235-242.	2.5	25
13	Bloch surface wave label-free and fluorescence platform for the detection of VEGF biomarker in biological matrices. Sensors and Actuators B: Chemical, 2018, 255, 2143-2150.	7.8	25
14	SPAD aptasensor for the detection of circulating protein biomarkers. Biosensors and Bioelectronics, 2015, 68, 500-507.	10.1	24
15	SerpinB3 Differently Up-Regulates Hypoxia Inducible Factors -1α and -2α in Hepatocellular Carcinoma: Mechanisms Revealing Novel Potential Therapeutic Targets. Cancers, 2019, 11, 1933.	3.7	22
16	Bloch surface wave enhanced biosensor for the direct detection of Angiopoietin-2 tumor biomarker in human plasma. Biomedical Optics Express, 2018, 9, 529.	2.9	19
17	Fluorescence anisotropy analysis of protein–antibody interaction. Dyes and Pigments, 2009, 83, 225-229.	3.7	18
18	Integrins: A flexible platform for endothelial vascular tyrosine kinase receptors. Autoimmunity Reviews, 2007, 7, 18-22.	5.8	17

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#	Article	IF	CITATIONS
19	Simplification of a complex signal transduction model using invariants and flow equivalent servers. Theoretical Computer Science, 2011, 412, 6036-6057.	0.9	15
20	Pazopanib and Trametinib as a Synergistic Strategy against Osteosarcoma: Preclinical Activity and Molecular Insights. Cancers, 2020, 12, 1519.	3.7	15
21	Integrated Nanomaterials and Nanotechnologies in Lateral Flow Tests for Personalized Medicine Applications. Nanomaterials, 2021, 11, 2362.	4.1	14
22	On the Use of Stochastic Petri Nets in the Analysis of Signal Transduction Pathways for Angiogenesis Process. Lecture Notes in Computer Science, 2009, , 281-295.	1.3	14
23	Oncostatin <scp>M</scp> is overexpressed in <scp>NASH</scp> â€related hepatocellular carcinoma and promotes cancer cell invasiveness and angiogenesis. Journal of Pathology, 2022, 257, 82-95.	4.5	12
24	A transient kinetic study between signaling proteins: the case of the MEK–ERK interaction. Chemical Science, 2011, 2, 1804.	7.4	8
25	IL-12-dependent innate immunity arrests endothelial cells in GO–G1 phase by a p21Cip1/Waf1-mediated mechanism. Angiogenesis, 2012, 15, 713-725.	7.2	5
26	Micro/Nanopatterned Superhydrophobic Surfaces Fabrication for Biomolecules and Biomaterials Manipulation and Analysis. Micromachines, 2021, 12, 1501.	2.9	5
27	VEGF-Mediated Signal Transduction in Tumor Angiogenesis. , 0, , .		3