

# Lucia Napione

## List of Publications by Year in descending order

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27  
papers

972  
citations

471509

17  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1539  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stable interaction between $\alpha_5\beta_1$ integrin and Tie2 tyrosine kinase receptor regulates endothelial cell response to Ang-1. <i>Journal of Cell Biology</i> , 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. <i>Dyes and Pigments</i> , 2009, 80, 307-313.	3.7	132
3	Temporal and Spatial Modulation of Rho GTPases during in Vitro Formation of Capillary Vascular Network. <i>Journal of Biological Chemistry</i> , 2003, 278, 50702-50713.	3.4	64
4	Integration of microfluidic and cantilever technology for biosensing application in liquid environment. <i>Biosensors and Bioelectronics</i> , 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. <i>Blood</i> , 2003, 102, 2482-2490.	1.4	57
6	A Fluorescent One-Dimensional Photonic Crystal for Label-Free Biosensing Based on Bloch Surface Waves. <i>Sensors</i> , 2013, 13, 2011-2022.	3.8	56
7	Besides adhesion: new perspectives of integrin functions in angiogenesis. <i>Cardiovascular Research</i> , 2008, 78, 213-222.	3.8	55
8	Development of microcantilever-based biosensor array to detect Angiopoietin-1, a marker of tumor angiogenesis. <i>Biosensors and Bioelectronics</i> , 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. <i>Journal of Biological Chemistry</i> , 2004, 279, 13224-13233.	3.4	44
10	Unraveling the influence of endothelial cell density on VEGF-A signaling. <i>Blood</i> , 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. <i>Journal of Lightwave Technology</i> , 2015, 33, 3385-3393.	4.6	26
12	Integrins team up with tyrosine kinase receptors and plexins to control angiogenesis. <i>Current Opinion in Hematology</i> , 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. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 2143-2150.	7.8	25
14	SPAD aptasensor for the detection of circulating protein biomarkers. <i>Biosensors and Bioelectronics</i> , 2015, 68, 500-507.	10.1	24
15	SerpB3 Differently Up-Regulates Hypoxia Inducible Factors -1 $\alpha$ and -2 $\alpha$ in Hepatocellular Carcinoma: Mechanisms Revealing Novel Potential Therapeutic Targets. <i>Cancers</i> , 2019, 11, 1933.	3.7	22
16	Bloch surface wave enhanced biosensor for the direct detection of Angiopoietin-2 tumor biomarker in human plasma. <i>Biomedical Optics Express</i> , 2018, 9, 529.	2.9	19
17	Fluorescence anisotropy analysis of protein-antibody interaction. <i>Dyes and Pigments</i> , 2009, 83, 225-229.	3.7	18
18	Integrins: A flexible platform for endothelial vascular tyrosine kinase receptors. <i>Autoimmunity Reviews</i> , 2007, 7, 18-22.	5.8	17

#	ARTICLE	IF	CITATIONS
19	Simplification of a complex signal transduction model using invariants and flow equivalent servers. <i>Theoretical Computer Science</i> , 2011, 412, 6036-6057.	0.9	15
20	Pazopanib and Trametinib as a Synergistic Strategy against Osteosarcoma: Preclinical Activity and Molecular Insights. <i>Cancers</i> , 2020, 12, 1519.	3.7	15
21	Integrated Nanomaterials and Nanotechnologies in Lateral Flow Tests for Personalized Medicine Applications. <i>Nanomaterials</i> , 2021, 11, 2362.	4.1	14
22	On the Use of Stochastic Petri Nets in the Analysis of Signal Transduction Pathways for Angiogenesis Process. <i>Lecture Notes in Computer Science</i> , 2009, , 281-295.	1.3	14
23	Oncostatin M is overexpressed in NASH-related hepatocellular carcinoma and promotes cancer cell invasiveness and angiogenesis. <i>Journal of Pathology</i> , 2022, 257, 82-95.	4.5	12
24	A transient kinetic study between signaling proteins: the case of the MEK-ERK interaction. <i>Chemical Science</i> , 2011, 2, 1804.	7.4	8
25	IL-12-dependent innate immunity arrests endothelial cells in G0/G1 phase by a p21Cip1/Waf1-mediated mechanism. <i>Angiogenesis</i> , 2012, 15, 713-725.	7.2	5
26	Micro/Nanopatterned Superhydrophobic Surfaces Fabrication for Biomolecules and Biomaterials Manipulation and Analysis. <i>Micromachines</i> , 2021, 12, 1501.	2.9	5
27	VEGF-Mediated Signal Transduction in Tumor Angiogenesis. , 0, , .		3