

Lucia Napione

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

972
citations

471509

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h-index

552781

26
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27
all docs

27
docs citations

27
times ranked

1539
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | 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 |
| 2 | Integrated Nanomaterials and Nanotechnologies in Lateral Flow Tests for Personalized Medicine Applications. <i>Nanomaterials</i> , 2021, 11, 2362. | 4.1 | 14 |
| 3 | Micro/Nanopatterned Superhydrophobic Surfaces Fabrication for Biomolecules and Biomaterials Manipulation and Analysis. <i>Micromachines</i> , 2021, 12, 1501. | 2.9 | 5 |
| 4 | Pazopanib and Trametinib as a Synergistic Strategy against Osteosarcoma: Preclinical Activity and Molecular Insights. <i>Cancers</i> , 2020, 12, 1519. | 3.7 | 15 |
| 5 | SerpineB3 Differently Up-Regulates Hypoxia Inducible Factors HIF-1 α and HIF-2 α in Hepatocellular Carcinoma: Mechanisms Revealing Novel Potential Therapeutic Targets. <i>Cancers</i> , 2019, 11, 1933. | 3.7 | 22 |
| 6 | 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 |
| 7 | 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 |
| 8 | SPAD aptasensor for the detection of circulating protein biomarkers. <i>Biosensors and Bioelectronics</i> , 2015, 68, 500-507. | 10.1 | 24 |
| 9 | 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 |
| 10 | 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 |
| 11 | Unraveling the influence of endothelial cell density on VEGF-A signaling. <i>Blood</i> , 2012, 119, 5599-5607. | 1.4 | 30 |
| 12 | 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 |
| 13 | A transient kinetic study between signaling proteins: the case of the MEK-ERK interaction. <i>Chemical Science</i> , 2011, 2, 1804. | 7.4 | 8 |
| 14 | 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 |
| 15 | 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 |
| 16 | Integration of microfluidic and cantilever technology for biosensing application in liquid environment. <i>Biosensors and Bioelectronics</i> , 2010, 26, 1565-1570. | 10.1 | 58 |
| 17 | Fluorescence anisotropy analysis of protein-antibody interaction. <i>Dyes and Pigments</i> , 2009, 83, 225-229. | 3.7 | 18 |
| 18 | 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 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | Besides adhesion: new perspectives of integrin functions in angiogenesis. Cardiovascular Research, 2008, 78, 213-222. | 3.8 | 55 |
| 21 | Integrins team up with tyrosine kinase receptors and plexins to control angiogenesis. Current Opinion in Hematology, 2008, 15, 235-242. | 2.5 | 25 |
| 22 | Integrins: A flexible platform for endothelial vascular tyrosine kinase receptors. Autoimmunity Reviews, 2007, 7, 18-22. | 5.8 | 17 |
| 23 | Stable interaction between $\alpha_5\beta_1$ integrin and Tie2 tyrosine kinase receptor regulates endothelial cell response to Ang-1. Journal of Cell Biology, 2005, 170, 993-1004. | 5.2 | 162 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | VEGF-Mediated Signal Transduction in Tumor Angiogenesis. , 0, , . | | 3 |