

Valeria Levi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

59
papers

1,675
citations

19
h-index

40
g-index

61
ext. papers

1,978
ext. citations

5.6
avg, IF

4.67
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 59 | Nucleus-cytoskeleton communication impacts on OCT4-chromatin interactions in embryonic stem cells.. <i>BMC Biology</i> , 2022 , 20, 6 | 7.3 | 1 |
| 58 | Extraction-free protocol combining proteinase K and heat inactivation for detection of SARS-CoV-2 by RT-qPCR. <i>PLoS ONE</i> , 2021 , 16, e0247792 | 3.7 | 14 |
| 57 | The intramolecular self-healing strategy applied to near infrared fluorescent aminotricarbocyanines. <i>Dyes and Pigments</i> , 2021 , 186, 109040 | 4.6 | 2 |
| 56 | SUMO conjugation susceptibility of Akt/protein kinase B affects the expression of the pluripotency transcription factor Nanog in embryonic stem cells. <i>PLoS ONE</i> , 2021 , 16, e0254447 | 3.7 | 1 |
| 55 | Phasing the intranuclear organization of steroid hormone receptors. <i>Biochemical Journal</i> , 2021 , 478, 443-461 | 3.8 | 6 |
| 54 | Unraveling the molecular interactions involved in phase separation of glucocorticoid receptor. <i>BMC Biology</i> , 2020 , 18, 59 | 7.3 | 18 |
| 53 | Apparent stiffness of vimentin intermediate filaments in living cells and its relation with other cytoskeletal polymers. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020 , 1867, 118726 | 4.9 | 8 |
| 52 | Dynamical reorganization of the pluripotency transcription factors Oct4 and Sox2 during early differentiation of embryonic stem cells. <i>Scientific Reports</i> , 2020 , 10, 5195 | 4.9 | 14 |
| 51 | Novel Interplay between p53 and HO-1 in Embryonic Stem Cells. <i>Cells</i> , 2020 , 10, | 7.9 | 4 |
| 50 | Fluorescence correlation spectroscopy reveals the dynamics of kinesins interacting with organelles during microtubule-dependent transport in cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020 , 1867, 118572 | 4.9 | 1 |
| 49 | The glucocorticoid receptor interferes with progesterone receptor-dependent genomic regulation in breast cancer cells. <i>Nucleic Acids Research</i> , 2019 , 47, 10645-10661 | 20.1 | 13 |
| 48 | Kat6b Modulates Oct4 and Nanog Binding to Chromatin in Embryonic Stem Cells and Is Required for Efficient Neural Differentiation. <i>Journal of Molecular Biology</i> , 2019 , 431, 1148-1159 | 6.5 | 15 |
| 47 | Click-based thiol-ene photografting of COOH groups to SiO ₂ nanoparticles: Strategies comparison. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 562, 61-70 | 5.1 | 6 |
| 46 | Mapping the dynamical organization of the cell nucleus through fluorescence correlation spectroscopy. <i>Methods</i> , 2018 , 140-141, 10-22 | 4.6 | 5 |
| 45 | Retraction of rod-like mitochondria during microtubule-dependent transport. <i>Bioscience Reports</i> , 2018 , 38, | 4.1 | 2 |
| 44 | Imaging transcription factors dynamics with advanced fluorescence microscopy methods. <i>Mechanisms of Development</i> , 2018 , 154, 60-63 | 1.7 | 3 |
| 43 | Characterization of microtubule buckling in living cells. <i>European Biophysics Journal</i> , 2017 , 46, 581-594 | 1.9 | 1 |

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| 42 | Dynamics of intracellular processes in live-cell systems unveiled by fluorescence correlation microscopy. <i>IUBMB Life</i> , 2017 , 69, 8-15 | 4.7 | 5 |
| 41 | Mechanical coupling of microtubule-dependent motor teams during peroxisome transport in <i>Drosophila</i> S2 cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017 , 1861, 3178-3189 | 4 | 7 |
| 40 | Diffusion of single dye molecules in hydrated TiO mesoporous films. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 26540-26544 | 3.6 | 12 |
| 39 | Mapping the Dynamics of the Glucocorticoid Receptor within the Nuclear Landscape. <i>Scientific Reports</i> , 2017 , 7, 6219 | 4.9 | 22 |
| 38 | Quantitative imaging of mammalian transcriptional dynamics: from single cells to whole embryos. <i>BMC Biology</i> , 2016 , 14, 115 | 7.3 | 10 |
| 37 | Long-Lived Binding of Sox2 to DNA Predicts Cell Fate in the Four-Cell Mouse Embryo. <i>Cell</i> , 2016 , 165, 75-87 | 56.2 | 129 |
| 36 | Heme oxygenase-1 in the forefront of a multi-molecular network that governs cell-cell contacts and filopodia-induced zippering in prostate cancer. <i>Cell Death and Disease</i> , 2016 , 7, e2570 | 9.8 | 23 |
| 35 | Asymmetries in kinesin-2 and cytoplasmic dynein contributions to melanosome transport. <i>FEBS Letters</i> , 2015 , 589, 2763-8 | 3.8 | 7 |
| 34 | One-Photon Lithography for High-Quality Lipid Bilayer Micropatterns. <i>Langmuir</i> , 2015 , 31, 11943-50 | 4 | 5 |
| 33 | Agonist mobility on supported lipid bilayers affects Fas mediated death response. <i>FEBS Letters</i> , 2015 , 589, 3527-33 | 3.8 | 12 |
| 32 | Exploring the dynamics of cell processes through simulations of fluorescence microscopy experiments. <i>Biophysical Journal</i> , 2015 , 108, 2613-8 | 2.9 | 13 |
| 31 | Lateral motion and bending of microtubules studied with a new single-filament tracking routine in living cells. <i>Biophysical Journal</i> , 2014 , 106, 2625-35 | 2.9 | 17 |
| 30 | Live cell imaging unveils multiple domain requirements for in vivo dimerization of the glucocorticoid receptor. <i>PLoS Biology</i> , 2014 , 12, e1001813 | 9.7 | 94 |
| 29 | Temperature response of luminescent tris(bipyridine)ruthenium(II)-doped silica nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2013 , 392, 96-101 | 9.3 | 16 |
| 28 | When size does matter: organelle size influences the properties of transport mediated by molecular motors. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013 , 1830, 5095-103 | 4 | 6 |
| 27 | Extracting the stepping dynamics of molecular motors in living cells from trajectories of single particles. <i>Cell Biochemistry and Biophysics</i> , 2013 , 65, 1-11 | 3.2 | 4 |
| 26 | Melatonin inhibits glucocorticoid-dependent GR-TIF2 interaction in newborn hamster kidney (BHK) cells. <i>Molecular and Cellular Endocrinology</i> , 2012 , 349, 214-21 | 4.4 | 5 |
| 25 | Detection of low quantum yield fluorophores and improved imaging times using metallic nanoparticles. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 2306-13 | 3.4 | 13 |

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| 24 | A two-stage model for lipid modulation of the activity of integral membrane proteins. <i>PLoS ONE</i> , 2012 , 7, e39255 | 3.7 | 13 |
| 23 | Imaging lipid lateral organization in membranes with C-laurdan in a confocal microscope. <i>Journal of Lipid Research</i> , 2012 , 53, 609-616 | 6.3 | 37 |
| 22 | Transport properties of melanosomes along microtubules interpreted by a tug-of-war model with loose mechanical coupling. <i>PLoS ONE</i> , 2012 , 7, e43599 | 3.7 | 12 |
| 21 | Mechanical properties of organelles driven by microtubule-dependent molecular motors in living cells. <i>PLoS ONE</i> , 2011 , 6, e18332 | 3.7 | 37 |
| 20 | Active transport in complex media: Relationship between persistence and superdiffusion. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2011 , 390, 1026-1032 | 3.3 | 14 |
| 19 | Insights on glucocorticoid receptor activity modulation through the binding of rigid steroids. <i>PLoS ONE</i> , 2010 , 5, e13279 | 3.7 | 38 |
| 18 | Cholesterol modulation of nicotinic acetylcholine receptor surface mobility. <i>European Biophysics Journal</i> , 2010 , 39, 213-27 | 1.9 | 29 |
| 17 | Anomalous dynamics of melanosomes driven by myosin-V in <i>Xenopus laevis</i> melanophores. <i>Biophysical Journal</i> , 2009 , 97, 1548-57 | 2.9 | 21 |
| 16 | Effects of phosphatidylethanolamine glycation on lipid-protein interactions and membrane protein thermal stability. <i>Biochemical Journal</i> , 2008 , 416, 145-52 | 3.8 | 31 |
| 15 | Chromatin dynamics during interphase explored by single-particle tracking. <i>Chromosome Research</i> , 2008 , 16, 439-49 | 4.4 | 21 |
| 14 | Exchange of microtubule molecular motors during melanosome transport in <i>Xenopus laevis</i> melanophores is triggered by collisions with intracellular obstacles. <i>Cell Biochemistry and Biophysics</i> , 2008 , 52, 191-201 | 3.2 | 14 |
| 13 | Exploring dynamics in living cells by tracking single particles. <i>Cell Biochemistry and Biophysics</i> , 2007 , 48, 1-15 | 3.2 | 116 |
| 12 | Organelle transport along microtubules in <i>Xenopus</i> melanophores: evidence for cooperation between multiple motors. <i>Biophysical Journal</i> , 2006 , 90, 318-27 | 2.9 | 164 |
| 11 | Melanosomes transported by myosin-V in <i>Xenopus</i> melanophores perform slow 35 nm steps. <i>Biophysical Journal</i> , 2006 , 90, L07-9 | 2.9 | 37 |
| 10 | 3-D particle tracking in a two-photon microscope: application to the study of molecular dynamics in cells. <i>Biophysical Journal</i> , 2005 , 88, 2919-28 | 2.9 | 199 |
| 9 | Chromatin dynamics in interphase cells revealed by tracking in a two-photon excitation microscope. <i>Biophysical Journal</i> , 2005 , 89, 4275-85 | 2.9 | 178 |
| 8 | Determination of the molecular size of BSA by fluorescence anisotropy. <i>Biochemistry and Molecular Biology Education</i> , 2003 , 31, 319-322 | 1.3 | 64 |
| 7 | Labeling of proteins with fluorescent probes: Photophysical characterization of dansylated bovine serum albumin. <i>Biochemistry and Molecular Biology Education</i> , 2003 , 31, 333-336 | 1.3 | 9 |

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| 6 | Quantitative analysis of membrane protein-amphiphile interactions using resonance energy transfer. <i>Analytical Biochemistry</i> , 2003 , 317, 171-9 | 3.1 | 6 |
| 5 | Reversible fast-dimerization of bovine serum albumin detected by fluorescence resonance energy transfer. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2002 , 1599, 141-8 | 4 | 56 |
| 4 | Structural significance of the plasma membrane calcium pump oligomerization. <i>Biophysical Journal</i> , 2002 , 82, 437-46 | 2.9 | 25 |
| 3 | Quantitation of plasma membrane calcium pump phosphorylated intermediates by electrophoresis. <i>Analytical Biochemistry</i> , 2001 , 289, 267-73 | 3.1 | 19 |
| 2 | Oligomerization of the plasma membrane calcium pump involves two regions with different thermal stability. <i>FEBS Letters</i> , 2000 , 483, 99-103 | 3.8 | 19 |
| 1 | Three-Dimensional Particle Tracking in a Laser Scanning Fluorescence Microscope ¹⁻²⁴ | | 2 |