

# Moreno Zamai

## List of Publications by Year in descending order

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45  
papers

3,004  
citations

394286

19  
h-index

360920

35  
g-index

45  
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45  
docs citations

45  
times ranked

4533  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Phasor Approach to Fluorescence Lifetime Imaging Analysis. <i>Biophysical Journal</i> , 2008, 94, L14-L16.	0.2	913
2	Glycyrrhizin Binds to High-Mobility Group Box 1 Protein and Inhibits Its Cytokine Activities. <i>Chemistry and Biology</i> , 2007, 14, 431-441.	6.2	484
3	Correlation between sites of limited proteolysis and segmental mobility in thermolysin. <i>Biochemistry</i> , 1986, 25, 1847-1851.	1.2	315
4	Endothelial adhesion receptors are recruited to adherent leukocytes by inclusion in preformed tetraspanin nanoplasts. <i>Journal of Cell Biology</i> , 2008, 183, 527-542.	2.3	211
5	Determination of the Affinity of Drugs toward Serum Albumin by Measurement of the Quenching of the Intrinsic Tryptophan Fluorescence of the Protein. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 51, 41-48.	1.2	162
6	Polymer-bound camptothecin: initial biodistribution and antitumour activity studies. <i>Journal of Controlled Release</i> , 2000, 65, 105-119.	4.8	148
7	Monomer-dimer dynamics and distribution of GPI-anchored uPAR are determined by cell surface protein assemblies. <i>Journal of Cell Biology</i> , 2007, 179, 1067-1082.	2.3	81
8	Human in vitro 3D co-culture model to engineer vascularized bone-mimicking tissues combining computational tools and statistical experimental approach. <i>Biomaterials</i> , 2016, 76, 157-172.	5.7	72
9	Identification of granzyme A isolated from cytotoxic T-lymphocyte-granules as one of the proteases encoded by CTL-specific genes. <i>FEBS Letters</i> , 1986, 208, 84-88.	1.3	66
10	Effect of Glu-143 and His-231 substitutions on the catalytic activity and secretion of <i>Bacillus subtilis</i> neutral protease. <i>Protein Engineering, Design and Selection</i> , 1989, 2, 359-364.	1.0	64
11	CD81 Controls Sustained T Cell Activation Signaling and Defines the Maturation Stages of Cognate Immunological Synapses. <i>Molecular and Cellular Biology</i> , 2013, 33, 3644-3658.	1.1	61
12	Thermodynamics of the high-affinity interaction of TCF4 with $\beta$ -catenin. <i>Journal of Molecular Biology</i> , 2001, 306, 1179-1189.	2.0	60
13	Autolysis of thermolysin. Isolation and characterization of a folded three-fragment complex. <i>FEBS Journal</i> , 1986, 156, 221-228.	0.2	41
14	Number and brightness image analysis reveals ATF $\beta$ -induced dimerization kinetics of uPAR in the cell membrane. <i>FASEB Journal</i> , 2011, 25, 2883-2897.	0.2	41
15	Parallel Multifunctionalization of Nanoparticles: A One-Step Modular Approach for in Vivo Imaging. <i>Bioconjugate Chemistry</i> , 2015, 26, 153-160.	1.8	39
16	Recognition properties of antisense peptides to Arg8-vasopressin/bovine neurophysin II biosynthetic precursor sequences. <i>Biochemistry</i> , 1989, 28, 8811-8818.	1.2	34
17	Application limits and data correction in number of molecules and brightness analysis. <i>Microscopy Research and Technique</i> , 2013, 76, 1135-1146.	1.2	29
18	Fluorescence correlation spectroscopy and photon counting histogram on membrane proteins: functional dynamics of the glycosylphosphatidylinositol-anchored urokinase plasminogen activator receptor. <i>Journal of Biomedical Optics</i> , 2008, 13, 031215.	1.4	27

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19	Activation of Zap-70 Tyrosine Kinase Due to a Structural Rearrangement Induced by Tyrosine Phosphorylation and/or ITAM Binding. <i>Biochemistry</i> , 2000, 39, 2784-2791.	1.2	24
20	Nature of Interaction between Basic Fibroblast Growth Factor and the Antiangiogenic Drug 7,7-(Carbonyl-Bis[Imino-N-Methyl-4,2-Pyrrolicarbonylimino[N-Methyl-4,2-Pyrrole]-Carbonylimino])bis-(1,3-Naphtalene) Tj ETQg0 0 0 rgB 2652-2664.	0.2	19
21	Synthesis, stereochemistry, and transformations of (E)-1,2-bis(benzenesulfonyl)ethylene cycloadducts to 2-oxa substituted 1,3-dienes. <i>Canadian Journal of Chemistry</i> , 1984, 62, 2487-2497.	0.6	15
22	Nature of Interaction Between Basic Fibroblast Growth Factor and the Antiangiogenic Drug 7,7-(Carbonyl-bis[imino-N-Methyl-4,2-pyrrolicarbonylimino[N-methyl-4,2-pyrrole]-carbonylimino])bis-(1,3-naphthalene) Tj ETQg0 0 0 rgB	0.2	19
23	In vivo expression of mutant preproendothelins: hierarchy of processing events but no strict requirement of Trp-Val at the processing site.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 3923-3927.	3.3	14
24	Number and brightness analysis in live cells reveals that NCAM and FGF2 elicit different assembly and dynamics of FGFR1. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	13
25	Regulation of MT1-MMP Activity through Its Association with ERMs. <i>Cells</i> , 2020, 9, 348.	1.8	10
26	Efficient up-conversion in Yb:Er:NaT(XO4)2 thermal nanoprobe. Imaging of their distribution in a perfused mouse. <i>PLoS ONE</i> , 2017, 12, e0177596.	1.1	9
27	Human preproendothelin-1 is converted into active endothelin-1 by baculovirus-infected insect cells. <i>Biochemical and Biophysical Research Communications</i> , 1992, 186, 753-759.	1.0	8
28	Heterologous in vivo processing of human preproendothelin 1 into bioactive peptides.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 8939-8943.	3.3	7
29	Aggregation properties of a HPMA-camptothecin copolymer in isotonic solutions. <i>Biophysical Chemistry</i> , 2004, 110, 281-295.	1.5	7
30	Fluorescence polarization assay for endothelin-converting enzymes. <i>Peptides</i> , 1995, 16, 833-836.	1.2	4
31	Mobile phase effects in the high-performance affinity purification of thermolysin. <i>Journal of Chromatography A</i> , 1991, 549, 195-205.	1.8	3
32	3D-STED Super-Resolution Microscopy Reveals Distinct Nanoscale Organization of the Hematopoietic Cell-Specific Lyn Substrate-1 (HS1) in Normal and Leukemic B Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 655773.	1.8	3
33	Big Endothelin-1 Converting Enzyme Activities in Subcellular Fractions of Bovine Aortic Endothelial Cells. <i>Journal of Cardiovascular Pharmacology</i> , 1991, 17, S47-51.	0.8	2
34	Sequence-directed recognition peptides: inhibition of endothelin generation via a substrate-depletion mechanism. <i>BBA - Proteins and Proteomics</i> , 1993, 1202, 337-340.	2.1	1
35	Interaction between basic fibroblast growth factor and the anti-angiogenic drug PNU145156E. <i>Journal of Molecular Structure</i> , 2006, 792-793, 23-35.	1.8	1
36	Oligomerization Dynamics of Cell Surface Receptors in Living Cells by Total Internal Reflection Fluorescence Microscopy Combined with Number and Brightness Analysis. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	1

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37	Distamycin-A derivatives potentiate tumor-necrosis-factor activity via the modulation of tyrosine phosphorylation. , 1997, 72, 810-814.		0
38	Polymer-supported scavengers for purification of labeled proteins. Analytical Biochemistry, 2005, 341, 379-381.	1.1	0
39	Receptor-Ligand Interactions in the Plasma Membrane of Live Cells Resolved in Space and Time by N&B Analysis. Biophysical Journal, 2010, 98, 750a.	0.2	0
40	TIRFM-N&B Analysis of FGFR1 Clustering in Response to NCAM and FGF2. Biophysical Journal, 2012, 102, 192a.	0.2	0
41	Mapping Retinoids in Live P19 Cells with Autofluorescence Phasorflim Imaging. Biophysical Journal, 2012, 102, 193a.	0.2	0
42	Numerical Methods for Improving the Reliability of Number and Brightness (N&B) Analysis. Biophysical Journal, 2012, 102, 199a.	0.2	0
43	The Mechanism of Inhibition of Necrosis by Humanin Derivatives: A Potential Treatment for Ischemia and Related Diseases. Biophysical Journal, 2015, 108, 154a.	0.2	0
44	Endothelial adhesion receptors are recruited to adherent leukocytes by inclusion in preformed tetraspanin nanoplatforms. Journal of Experimental Medicine, 2008, 205, i27-i27.	4.2	0
45	Measuring uPAR Dynamics in Live Cells. , 2008, , 475-493.		0