Laura Marchetti

List of Publications by Year
in descending order

46 papers	22,556 citations	394421 19 h-index	276875 41 g-index
50 all docs	50 docs citations	50 times ranked	48626 citing authors

#	Article	IF	Citations
1	Graphene on SiC. , 2022, , 65-97.		2
2	Human Microglia Extracellular Vesicles Derived from Different Microglia Cell Lines: Similarities and Differences. ACS Omega, 2022, 7, 23127-23137.	3.5	4
3	Novel positive allosteric modulators of A_{2B} adenosine receptor acting as bone mineralisation promoters. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 287-295.	5.2	12
4	Pet and Stray Dogs as Reservoirs of Antimicrobial-Resistant Escherichia coli. International Journal of Microbiology, 2021, 2021, 1-8.	2.3	22
5	Single molecule tracking and spectroscopy unveils molecular details in function and interactions of membrane receptors. , 2021, , .		4
6	De novo Neurosteroidogenesis in Human Microglia: Involvement of the 18 kDa Translocator Protein. International Journal of Molecular Sciences, 2021, 22, 3115.	4.1	15
7	Ruthenium(II) 1,4,7-trithiacyclononane complexes of curcumin and bisdemethoxycurcumin: Synthesis, characterization, and biological activity. Journal of Inorganic Biochemistry, 2021, 218, 111387.	3.5	5
8	Microglia extracellular vesicles: focus on molecular composition and biological function. Biochemical Society Transactions, 2021, 49, 1779-1790.	3.4	13
9	Advances in microglia cellular models: focus on extracellular vesicle production. Biochemical Society Transactions, 2021, 49, 1791-1802.	3.4	3
10	Pulmonary fibrosis from molecular mechanisms to therapeutic interventions: lessons from post-COVID-19 patients. Biochemical Pharmacology, 2021, 193, 114812.	4.4	40
11	Molecular insight on the altered membrane trafficking of TrkA kinase dead mutants. Biochimica Et Biophysica Acta - Molecular Cell Research, 2020, 1867, 118614.	4.1	15
12	High Adenosine Extracellular Levels Induce Glioblastoma Aggressive Traits Modulating the Mesenchymal Stromal Cell Secretome. International Journal of Molecular Sciences, 2020, 21, 7706.	4.1	11
13	Effect of Chemical Vapor Deposition WS2 on Viability and Differentiation of SH-SY5Y Cells. Frontiers in Neuroscience, 2020, 14, 592502.	2.8	12
14	Fluorolabeling of the PPTase-Related Chemical Tags: Comparative Study of Different Membrane Receptors and Different Fluorophores in the Labeling Reactions. Frontiers in Molecular Biosciences, 2020, 7, 195.	3.5	10
15	Lysosome Dynamic Properties during Neuronal Stem Cell Differentiation Studied by Spatiotemporal Fluctuation Spectroscopy and Organelle Tracking. International Journal of Molecular Sciences, 2020, 21, 3397.	4.1	8
16	Graphene Promotes Axon Elongation through Local Stall of Nerve Growth Factor Signaling Endosomes. Nano Letters, 2020, 20, 3633-3641.	9.1	44
17	Fast-diffusing p75 ^{NTR} monomers support apoptosis and growth cone collapse by neurotrophin ligands. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 21563-21572.	7.1	45
18	The Structure of the Pro-domain of Mouse proNGF in Contact with the NGF Domain. Structure, 2019, 27, 78-89.e3.	3.3	15

#	Article	IF	Citations
19	Site-Specific Direct Labeling of Neurotrophins and Their Receptors: From Biochemistry to Advanced Imaging Applications. Methods in Molecular Biology, 2018, 1727, 295-314.	0.9	14
20	Peripheral Neuron Survival and Outgrowth on Graphene. Frontiers in Neuroscience, 2018, 12, 1.	2.8	357
21	Probing labeling-induced lysosome alterations in living cells by imaging-derived mean squared displacement analysis. Biochemical and Biophysical Research Communications, 2018, 503, 2704-2709.	2.1	4
22	Activity-dependent expression of Channelrhodopsin at neuronal synapses. Nature Communications, 2017, 8, 1629.	12.8	21
23	An Optimized Procedure for the Site-Directed Labeling of NGF and proNGF for Imaging Purposes. Frontiers in Molecular Biosciences, 2017, 4, 4.	3.5	17
24	Ultrastructural Characterization of the Lower Motor System in a Mouse Model of Krabbe Disease. Scientific Reports, 2016, 6, 1.	3.3	20,953
25	Single Molecule Imaging and Tracking of Neurotrophins and their Receptors in Living Neuronal Cells. Biophysical Journal, 2016, 110, 371a.	0.5	0
26	Precursor and mature NGF live tracking: one versus many at a time in the axons. Scientific Reports, 2016, 6, 20272.	3.3	21
27	Single-cell real-time imaging of transgene expression upon lipofection. Biochemical and Biophysical Research Communications, 2016, 474, 8-14.	2.1	10
28	Ligand Fingerprinting in the Membrane Dynamics of Single TrkA and P75NTR Neurotrophin Receptors. Biophysical Journal, 2015, 108, 207a-208a.	0.5	0
29	Characterization of a novel HLAâ€B allele (HLAâ€B*18:108) by intronâ€“exon sequencing of the HLAâ€B locus. Tissue Antigens, 2015, 86, 209-210.	1.0	3
30	Ligand-Induced Dynamics of Neurotrophin Receptors Investigated by Single-Molecule Imaging Approaches. International Journal of Molecular Sciences, 2015, 16, 1949-1979.	4.1	20
31	Aptamer-Mediated Codelivery of Doxorubicin and NF-ÎºB Decoy Enhances Chemosensitivity of Pancreatic Tumor Cells. Molecular Therapy - Nucleic Acids, 2015, 4, e235.	5.1	67
32	DNA-protein interaction dynamics at the Lamin B2 replication origin. Cell Cycle, 2015, 14, 64-73.	2.6	6
33	Site-Specific Labeling of Neurotrophins and Their Receptors via Short and Versatile Peptide Tags. PLoS ONE, 2014, 9, e113708.	2.5	31
34	Two Interconvertible Folds Modulate the Activity of a DNA Aptamer Against Transferrin Receptor. Molecular Therapy - Nucleic Acids, 2014, 3, e144.	5.1	36
35	A novel <scp>HLAâ€DRB1</scp> allele, <scp>DRB1</scp>*01:54, identified by sequenceâ€based typing. Tissue Antigens, 2013, 82, 80-81.	1.0	4
36	Identification of a novelHLA-DRB1*13variant allele:DRB1*13:154. Tissue Antigens, 2013, 82, 210-211.	1.0	3

#	Article	IF	Citations
37	Ligand signature in the membrane dynamics of single TrkA receptor molecules. Journal of Cell Science, 2013, 126, 4445-4456.	2.0	46
38	Single particle tracking of acyl carrier protein (ACP)-tagged TrkA receptors in PC12nnr5 cells. Journal of Neuroscience Methods, 2012, 204, 82-86.	2.5	21
39	Development and In Vivo Application of a Novel Family of Dendrimer-Based Fluorescent Biosensensors. Biophysical Journal, 2011, 100, 471a.	0.5	0
40	Simultaneous intracellular chloride and pH measurements using a GFP-based sensor. Nature Methods, 2010, 7, 516-518.	19.0	185
41	Homeotic proteins participate in the function of human-DNA replication origins. Nucleic Acids Research, 2010, 38, 8105-8119.	14.5	23
42	Delivery and Subcellular Targeting of Dendrimer-Based Fluorescent pH Sensors in Living Cells. Journal of the American Chemical Society, 2010, 132, 18158-18167.	13.7	137
43	The homeotic protein HOXC13 is a member of human DNA replication complexes. Cell Cycle, 2009, 8, 454-459.	2.6	30
44	Quantitative FRET Analysis With the E⁰GFPâ€mCherry Fluorescent Protein Pair. Photochemistry and Photobiology, 2009, 85, 287-297.	2.5	116
45	Displacement of protein-bound aptamers with small molecules screened by fluorescence polarization. Nature Protocols, 2008, 3, 579-587.	12.0	74
46	Spectroscopic and Structural Study of Proton and Halide Ion Cooperative Binding to GFP. Biophysical Journal, 2007, 93, 232-244.	0.5	75