

# Laura Marchetti

## List of Publications by Citations

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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.

41  
papers

13,336  
citations

16  
h-index

50  
g-index

50  
ext. papers

17,058  
ext. citations

6.5  
avg, IF

6.63  
L-index

#	Paper	IF	Citations
41	Ultrastructural Characterization of the Lower Motor System in a Mouse Model of Krabbe Disease. <i>Scientific Reports</i> , <b>2016</b> , 6, 1	4.9	12295
40	Peripheral Neuron Survival and Outgrowth on Graphene. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 1	5.1	177
39	Simultaneous intracellular chloride and pH measurements using a GFP-based sensor. <i>Nature Methods</i> , <b>2010</b> , 7, 516-8	21.6	148
38	Delivery and subcellular targeting of dendrimer-based fluorescent pH sensors in living cells. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 18158-67	16.4	130
37	Quantitative FRET analysis with the EGFP-mCherry fluorescent protein pair. <i>Photochemistry and Photobiology</i> , <b>2009</b> , 85, 287-97	3.6	98
36	Displacement of protein-bound aptamers with small molecules screened by fluorescence polarization. <i>Nature Protocols</i> , <b>2008</b> , 3, 579-87	18.8	68
35	Spectroscopic and structural study of proton and halide ion cooperative binding to gfp. <i>Biophysical Journal</i> , <b>2007</b> , 93, 232-44	2.9	59
34	Aptamer-Mediated Codelivery of Doxorubicin and NF- $\kappa$ B Decoy Enhances Chemosensitivity of Pancreatic Tumor Cells. <i>Molecular Therapy - Nucleic Acids</i> , <b>2015</b> , 4, e235	10.7	52
33	Ligand signature in the membrane dynamics of single TrkA receptor molecules. <i>Journal of Cell Science</i> , <b>2013</b> , 126, 4445-56	5.3	32
32	Two interconvertible folds modulate the activity of a DNA aptamer against transferrin receptor. <i>Molecular Therapy - Nucleic Acids</i> , <b>2014</b> , 3, e144	10.7	27
31	The homeotic protein HOXC13 is a member of human DNA replication complexes. <i>Cell Cycle</i> , <b>2009</b> , 8, 454-9	4.7	24
30	Fast-diffusing p75 monomers support apoptosis and growth cone collapse by neurotrophin ligands. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 21563-21572	11.5	24
29	Graphene Promotes Axon Elongation through Local Stall of Nerve Growth Factor Signaling Endosomes. <i>Nano Letters</i> , <b>2020</b> , 20, 3633-3641	11.5	21
28	Homeotic proteins participate in the function of human-DNA replication origins. <i>Nucleic Acids Research</i> , <b>2010</b> , 38, 8105-19	20.1	19
27	Precursor and mature NGF live tracking: one versus many at a time in the axons. <i>Scientific Reports</i> , <b>2016</b> , 6, 20272	4.9	17
26	Site-specific labeling of neurotrophins and their receptors via short and versatile peptide tags. <i>PLoS ONE</i> , <b>2014</b> , 9, e113708	3.7	17
25	Ligand-induced dynamics of neurotrophin receptors investigated by single-molecule imaging approaches. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 1949-79	6.3	16

24	Single particle tracking of acyl carrier protein (ACP)-tagged TrkA receptors in PC12nr5 cells. <i>Journal of Neuroscience Methods</i> , <b>2012</b> , 204, 82-86	3	15
23	Activity-dependent expression of Channelrhodopsin at neuronal synapses. <i>Nature Communications</i> , <b>2017</b> , 8, 1629	17.4	12
22	An Optimized Procedure for the Site-Directed Labeling of NGF and proNGF for Imaging Purposes. <i>Frontiers in Molecular Biosciences</i> , <b>2017</b> , 4, 4	5.6	7
21	The Structure of the Pro-domain of Mouse proNGF in Contact with the NGF Domain. <i>Structure</i> , <b>2019</b> , 27, 78-89.e3	5.2	7
20	Single-cell real-time imaging of transgene expression upon lipofection. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 474, 8-14	3.4	6
19	High Adenosine Extracellular Levels Induce Glioblastoma Aggressive Traits Modulating the Mesenchymal Stromal Cell Secretome. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	6
18	De novo Neurosteroidogenesis in Human Microglia: Involvement of the 18 kDa Translocator Protein. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	6
17	Novel positive allosteric modulators of A adenosine receptor acting as bone mineralisation promoters. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2021</b> , 36, 286-294	5.6	6
16	Pulmonary fibrosis from molecular mechanisms to therapeutic interventions: lessons from post-COVID-19 patients. <i>Biochemical Pharmacology</i> , <b>2021</b> , 193, 114812	6	5
15	Molecular insight on the altered membrane trafficking of TrkA kinase dead mutants. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2020</b> , 1867, 118614	4.9	5
14	Lysosome Dynamic Properties during Neuronal Stem Cell Differentiation Studied by Spatiotemporal Fluctuation Spectroscopy and Organelle Tracking. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	4
13	A novel HLA-DRB1 allele, DRB1*01:54, identified by sequence-based typing. <i>Tissue Antigens</i> , <b>2013</b> , 82, 80-1		4
12	Site-Specific Direct Labeling of Neurotrophins and Their Receptors: From Biochemistry to Advanced Imaging Applications. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1727, 295-314	1.4	4
11	Microglia extracellular vesicles: focus on molecular composition and biological function. <i>Biochemical Society Transactions</i> , <b>2021</b> , 49, 1779-1790	5.1	4
10	DNA-protein interaction dynamics at the Lamin B2 replication origin. <i>Cell Cycle</i> , <b>2015</b> , 14, 64-73	4.7	3
9	Identification of a novel HLA-DRB1*13 variant allele: DRB1*13:154. <i>Tissue Antigens</i> , <b>2013</b> , 82, 210-1		3
8	Characterization of a novel HLA-B allele (HLA-B*18:108) by intron-exon sequencing of the HLA-B locus. <i>Tissue Antigens</i> , <b>2015</b> , 86, 209-10		3
7	Effect of Chemical Vapor Deposition WS on Viability and Differentiation of SH-SY5Y Cells. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 592502	5.1	3

6	Pet and Stray Dogs as Reservoirs of Antimicrobial-Resistant. <i>International Journal of Microbiology</i> , <b>2021</b> , 2021, 6664557	3.6	3
5	Probing labeling-induced lysosome alterations in living cells by imaging-derived mean squared displacement analysis. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 503, 2704-2709	3.4	2
4	Advances in microglia cellular models: focus on extracellular vesicle production. <i>Biochemical Society Transactions</i> , <b>2021</b> , 49, 1791-1802	5.1	2
3	Fluorolabeling of the PPTase-Related Chemical Tags: Comparative Study of Different Membrane Receptors and Different Fluorophores in the Labeling Reactions. <i>Frontiers in Molecular Biosciences</i> , <b>2020</b> , 7, 195	5.6	1
2	Ruthenium(II) 1,4,7-trithiacyclononane complexes of curcumin and bisdemethoxycurcumin: Synthesis, characterization, and biological activity. <i>Journal of Inorganic Biochemistry</i> , <b>2021</b> , 218, 111387	4.2	1
1	Graphene on SiC <b>2022</b> , 65-97		