Laura Lovato

List of Publications by Year in descending order

21 papers	1,662 citations	430874 18 h-index	713466 21 g-index
22 all docs	22 docs citations	22 times ranked	3068 citing authors

#	Article	IF	Citations
1	Induction of neural-like differentiation in human mesenchymal stem cells derived from bone marrow, fat, spleen and thymus. Bone, 2007, 40, 382-390.	2.9	216
2	Related B cell clones populate the meninges and parenchyma of patients with multiple sclerosis. Brain, 2011, 134, 534-541.	7.6	186
3	Intracellular and Extracellular Recording of Spontaneous Action Potentials in Mammalian Neurons and Cardiac Cells with 3D Plasmonic Nanoelectrodes. Nano Letters, 2017, 17, 3932-3939.	9.1	167
4	Brains and peripheral blood mononuclear cells of multiple sclerosis (MS) patients hyperexpress MS-associated retrovirus/HERV-W endogenous retrovirus, but not Human herpesvirus 6. Journal of General Virology, 2007, 88, 264-274.	2.9	150
5	Chemical Functionalization of Plasmonic Surface Biosensors: A Tutorial Review on Issues, Strategies, and Costs. ACS Applied Materials & Interfaces, 2017, 9, 29394-29411.	8.0	132
6	Related B cell clones that populate the CSF and CNS of patients with multiple sclerosis produce CSF immunoglobulin. Journal of Neuroimmunology, 2011, 233, 245-248.	2.3	119
7	An N-glucosylated peptide detecting disease-specific autoantibodies, biomarkers of multiple sclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 10273-10278.	7.1	111
8	Plasmonic meta-electrodes allow intracellular recordings at network level on high-density CMOS-multi-electrode arrays. Nature Nanotechnology, 2018, 13, 965-971.	31.5	78
9	The immune cell infiltrate populating meningiomas is composed of mature, antigen-experienced T and B cells. Neuro-Oncology, 2013, 15, 1479-1490.	1.2	72
10	Epilepsy in glioblastoma multiforme: correlation with glutamine synthetase levels. Journal of Neuro-Oncology, 2009, 93, 319-324.	2.9	61
11	The Microenvironment of Germ Cell Tumors Harbors a Prominent Antigen-Driven Humoral Response. Journal of Immunology, 2009, 182, 3310-3317.	0.8	59
12	Soft electroporation for delivering molecules into tightly adherent mammalian cells through 3D hollow nanoelectrodes. Scientific Reports, 2017, 7, 8524.	3.3	59
13	Transketolase and 2â€²,3â€²-Cyclic-nucleotide 3â€²-Phosphodiesterase Type I Isoforms Are Specifically Recognized by IgG Autoantibodies in Multiple Sclerosis Patients. Molecular and Cellular Proteomics, 2008, 7, 2337-2349.	3.8	50
14	Time resolved and label free monitoring of extracellular metabolites by surface enhanced Raman spectroscopy. PLoS ONE, 2017, 12, e0175581.	2.5	47
15	Expression of gangliosides on glial and neuronal cells in normal and pathological adult human brain. Journal of Neuroimmunology, 2005, 170, 115-121.	2.3	40
16	Increased Protein Nitration in Mitochondrial Diseases: Evidence for Vessel Wall Involvement. Molecular and Cellular Proteomics, 2011, 10, M110.002964.	3.8	39
17	Long-Range Capture and Delivery of Water-Dispersed Nano-objects by Microbubbles Generated on 3D Plasmonic Surfaces. ACS Nano, 2018, 12, 4116-4122.	14.6	29
18	Clostridium difficile Toxin A Carboxyl-Terminus Peptide Lacking ADP-Ribosyltransferase Activity Acts as a Mucosal Adjuvant. Infection and Immunity, 2004, 72, 2827-2836.	2.2	24

#	Article	IF	Citations
19	Innovative regenerative medicine in the management of knee OA: The role of Autologous Protein Solution. Journal of Clinical Orthopaedics and Trauma, 2019, 10, 49-52.	1.5	13
20	Mesenchymal Stem Cells for the Treatment of Multiple Sclerosis. , 2013, , 433-455.		4
21	Corrigendum to â€œNovel autoantigens recognized by CSF IgG from Hashimoto's encephalitis revealed by a proteomic approachâ€•[J. Neuroimmunol. 196 (2008) 153â€“158]. Journal of Neuroimmunology, 2008, 205, 160.	2.3	1