

Fabrice Lallou

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.

61
papers

1,263
citations

20
h-index

33
g-index

70
ext. papers

1,571
ext. citations

4.8
avg, IF

3.92
L-index

#	Paper	IF	Citations
61	Overexpression of sortilin is associated with 5-FU resistance and poor prognosis in colorectal cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 47-60	5.6	3
60	Microfluidic Lab-on-a-Chip Based on UHF-Dielectrophoresis for Stemness Phenotype Characterization and Discrimination among Glioblastoma Cells. <i>Biosensors</i> , 2021 , 11,	5.9	1
59	Intraperitoneal Chemotherapy for Peritoneal Metastases: Technical Innovations, Preclinical and Clinical Advances and Future Perspectives. <i>Biology</i> , 2021 , 10,	4.9	2
58	Targeted Sub-Attomole Cancer Biomarker Detection Based on Phase Singularity 2D Nanomaterial-Enhanced Plasmonic Biosensor. <i>Nano-Micro Letters</i> , 2021 , 13, 96	19.5	12
57	A High Frequency Dielectrophoresis Cytometer for Continuous Flow Biological Cells Refinement 2021 ,		1
56	BDNF and pro-BDNF in serum and exosomes in major depression: Evolution after antidepressant treatment. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021 , 109, 110229	5.5	6
55	Characterization of Glioblastoma Cancer Stem Cells Sorted by Sedimentation Field-Flow Fractionation Using an Ultrahigh-Frequency Range Dielectrophoresis Biosensor. <i>Analytical Chemistry</i> , 2021 , 93, 12664-12671	7.8	0
54	Human Medulloblastoma Cell Lines: Investigating on Cancer Stem Cell-Like Phenotype. <i>Cancers</i> , 2020 , 12,	6.6	10
53	Neurotensin pathway in digestive cancers and clinical applications: an overview. <i>Cell Death and Disease</i> , 2020 , 11, 1027	9.8	11
52	BDNF belongs to the nurse-like cell secretome and supports survival of B chronic lymphocytic leukemia cells. <i>Scientific Reports</i> , 2020 , 10, 12572	4.9	5
51	UHF-Dielectrophoresis Crossover Frequency as a New Marker for Discrimination of Glioblastoma Undifferentiated Cells. <i>IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology</i> , 2019 , 3, 191-198	2.8	13
50	A New Label-Free Approach to Glioblastoma Cancer Stem Cell Sorting and Detection. <i>Analytical Chemistry</i> , 2019 , 91, 8948-8957	7.8	4
49	, , and Status Predicts Prognosis in Glioma. <i>Cancers</i> , 2019 , 11,	6.6	12
48	Advanced protocol to functionalize CaP bioceramic surface with peptide sequences and effect on murine pre-osteoblast cells proliferation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019 , 29, 1069-1073	3.9	2
47	Osteoblast and osteoclast responses to A/B type carbonate-substituted hydroxyapatite ceramics for bone regeneration. <i>Biomedical Materials (Bristol)</i> , 2017 , 12, 035008	3.5	36
46	Sortilin limits EGFR signaling by promoting its internalization in lung cancer. <i>Nature Communications</i> , 2017 , 8, 1182	17.4	38
45	KLRC3, a Natural Killer receptor gene, is a key factor involved in glioblastoma tumourigenesis and aggressiveness. <i>Journal of Cellular and Molecular Medicine</i> , 2017 , 21, 244-253	5.6	11

44	SCO-spondin oligopeptide inhibits angiogenesis in glioblastoma. <i>Oncotarget</i> , 2017 , 8, 85969-85983	3.3	2
43	Risk Factors for Permanent Visual Loss in Biopsy-proven Giant Cell Arteritis: A Study of 339 Patients. <i>Journal of Rheumatology</i> , 2016 , 43, 1393-9	4.1	30
42	TrkB-containing exosomes promote the transfer of glioblastoma aggressiveness to YKL-40-inactivated glioblastoma cells. <i>Oncotarget</i> , 2016 , 7, 50349-50364	3.3	49
41	p75 neurotrophin receptor and pro-BDNF promote cell survival and migration in clear cell renal cell carcinoma. <i>Oncotarget</i> , 2016 , 7, 34480-97	3.3	25
40	A new role under sortilin's belt in cancer. <i>Communicative and Integrative Biology</i> , 2016 , 9, e1130192	1.7	19
39	Quantitative analysis of vascular colonisation and angio-conduction in porous silicon-substituted hydroxyapatite with various pore shapes in a chick chorioallantoic membrane (CAM) model. <i>Acta Biomaterialia</i> , 2016 , 38, 179-89	10.8	47
38	Microfluidic biosensors for microwave dielectric spectroscopy. <i>Sensors and Actuators A: Physical</i> , 2015 , 229, 172-181	3.9	36
37	Anti-apoptotic role and clinical relevance of neurotrophins in diffuse large B-cell lymphomas. <i>British Journal of Cancer</i> , 2015 , 113, 934-44	8.7	20
36	IL22/IL-22R pathway induces cell survival in human glioblastoma cells. <i>PLoS ONE</i> , 2015 , 10, e0119872	3.7	19
35	The Ins and Outs of Nanoparticle Technology in Neurodegenerative Diseases and Cancer. <i>Current Drug Metabolism</i> , 2015 , 16, 609-32	3.5	17
34	Kinetics of chemically mediated neurodegeneration/neuroregeneration of mouse olfactory epithelium: monitoring by hyperlayer sedimentation field flow fractionation. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 1671-81	4.4	2
33	Sortilin mediates the release and transfer of exosomes in concert with two tyrosine kinase receptors. <i>Journal of Cell Science</i> , 2014 , 127, 3983-97	5.3	57
32	Uterus retrieval process from brain dead donors. <i>Fertility and Sterility</i> , 2014 , 102, 476-82	4.8	50
31	Discrimination of colorectal cancer cell lines using microwave biosensors. <i>Sensors and Actuators A: Physical</i> , 2014 , 216, 405-416	3.9	32
30	SCO-spondin derived peptide NX210 induces neuroprotection in vitro and promotes fiber regrowth and functional recovery after spinal cord injury. <i>PLoS ONE</i> , 2014 , 9, e93179	3.7	13
29	The implications of sortilin/vps10p domain receptors in neurological and human diseases. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 1354-65	2.6	25
28	Improved sedimentation field-flow fractionation separation channel for concentrated cellular elution. <i>Journal of Chromatography A</i> , 2013 , 1302, 118-24	4.5	5
27	Label-free colorectal cancer cell line bio-sensing using RF resonator 2013 ,		4

26	Tunable frequency resonant biosensors dedicated to dielectric permittivity analysis of biological cell cytoplasm 2013 ,		3
25	Serum and lymphocytic neurotrophins profiles in systemic lupus erythematosus: a case-control study. <i>PLoS ONE</i> , 2013 , 8, e79414	3-7	8
24	Differential expression of neurotensin and specific receptors, NTSR1 and NTSR2, in normal and malignant human B lymphocytes. <i>Journal of Immunology</i> , 2012 , 189, 5293-303	5-3	29
23	Decrease in Fas-induced apoptosis by the Bsecretase inhibitor is dependent on p75(NTR) in a glioblastoma cell line. <i>Experimental and Therapeutic Medicine</i> , 2012 , 3, 873-877	2-1	
22	Glycosylation-related gene expression is linked to differentiation status in glioblastomas undifferentiated cells. <i>Cancer Letters</i> , 2011 , 312, 24-32	9-9	14
21	P75 neurotrophin receptor is sequestered in the Golgi apparatus of the U-87 MG human glioblastoma cell line. <i>International Journal of Oncology</i> , 2011 , 38, 391-9	4-4	5
20	Active immunological profile is associated with systemic Sjögren's syndrome. <i>Journal of Clinical Immunology</i> , 2011 , 31, 840-7	5-7	62
19	Serum neurotrophin profile in systemic sclerosis. <i>PLoS ONE</i> , 2010 , 5, e13918	3-7	13
18	Articular manifestations in primary Sjögren's syndrome: clinical significance and prognosis of 188 patients. <i>Rheumatology</i> , 2010 , 49, 1164-72	3-9	63
17	Ultra sensitive biosensor based on impedance spectroscopy at microwave frequencies for cell scale analysis. <i>Sensors and Actuators A: Physical</i> , 2010 , 162, 189-197	3-9	37
16	On-Chip Biosensors Based on Microwave Detection for Cell Scale Investigations. <i>Communications in Computer and Information Science</i> , 2010 , 51-63	0-3	0
15	Label-free RF biosensors for human cell dielectric spectroscopy. <i>International Journal of Microwave and Wireless Technologies</i> , 2009 , 1, 497-504	0-8	13
14	Brain-derived neurotrophic factor and nerve growth factor correlate with T-cell activation in primary Sjogren's syndrome. <i>Scandinavian Journal of Rheumatology</i> , 2009 , 38, 50-7	1-9	20
13	Ultra Sensitive Biosensor Based on Impedance Spectroscopy at Microwave Frequencies for Cell Scale Analysis. <i>Procedia Chemistry</i> , 2009 , 1, 742-745		2
12	Label free biosensors for human cell characterization using radio and microwave frequencies 2008 ,		19
11	Role of endogenous brain-derived neurotrophic factor and sortilin in B cell survival. <i>Journal of Immunology</i> , 2008 , 181, 3027-38	5-3	73
10	The lengthening of a giant protein: when, how, and why?. <i>Journal of Molecular Evolution</i> , 2008 , 66, 1-10	3-1	27
9	In vitro apoptotic induction of human glioblastoma cells by Fas ligand plus etoposide and in vivo antitumour activity of combined drugs in xenografted nude rats 2007 , 30, 273		3

8	In vitro apoptotic induction of human glioblastoma cells by Fas ligand plus etoposide and in vivo antitumour activity of combined drugs in xenografted nude rats. <i>International Journal of Oncology</i> , 2007 , 30, 273-81	1	8
7	Dementia patients caregivers quality of life: the PIXEL study. <i>International Journal of Geriatric Psychiatry</i> , 2006 , 21, 50-6	3.9	126
6	Neural stem cell separation from the embryonic avian olfactory epithelium by sedimentation field-flow fractionation. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006 , 843, 175-82	3.2	19
5	Reasons of informal caregivers for institutionalizing dementia patients previously living at home: the Pixel study. <i>International Journal of Geriatric Psychiatry</i> , 2004 , 19, 127-35	3.9	55
4	Analysis of the functional maturation of olfactory neurons in chicks before and after birth. <i>Chemical Senses</i> , 2003 , 28, 729-37	4.8	18
3	Differential responses of olfactory neurons to axotomy at embryonic and postnatal stages. <i>Neuroscience</i> , 2002 , 109, 207-17	3.9	6
2	Insulin-like growth factor I induced survival of axotomized olfactory neurons in the chick. <i>Neuroscience Letters</i> , 2001 , 308, 67-70	3.3	10
1	Cancer Stem-Like Cells in Glioblastoma59-71		8