

# Fabrice LallouÃ©

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

1,827  
citations

279487

23  
h-index

288905

40  
g-index

70  
all docs

70  
docs citations

70  
times ranked

2654  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra High Frequency Dielectrophoresis Manipulation to Monitor the Kinetics of Glioblastoma Cells Stemness Phenotype Acquirement. , 2022, , .		0
2	A High Frequency Dielectrophoresis Cytometer for Continuous Flow Biological Cells Refinement. , 2021, , .		2
3	Intraperitoneal Chemotherapy for Peritoneal Metastases: Technical Innovations, Preclinical and Clinical Advances and Future Perspectives. <i>Biology</i> , 2021, 10, 225.	1.3	2
4	Targeted Sub-Attomole Cancer Biomarker Detection Based on Phase Singularity 2D Nanomaterial-Enhanced Plasmonic Biosensor. <i>Nano-Micro Letters</i> , 2021, 13, 96.	14.4	30
5	Autophagy inhibition reinforces stemness together with exit from dormancy of polydisperse glioblastoma stem cells. <i>Aging</i> , 2021, 13, 18106-18130.	1.4	11
6	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.	2.5	45
7	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.	3.2	4
8	Overexpression of sortilin is associated with 5â€FU resistance and poor prognosis in colorectal cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 47-60.	1.6	14
9	Microfluidic Lab-on-a-Chip Based on UHF-Dielectrophoresis for Stemness Phenotype Characterization and Discrimination among Glioblastoma Cells. <i>Biosensors</i> , 2021, 11, 388.	2.3	12
10	Biological Cell Characterization and Discrimination Based on UHF-Dielectrophoresis for Next Generation of Liquid Biopsy Analysis. , 2021, , .		0
11	Neurotensin pathway in digestive cancers and clinical applications: an overview. <i>Cell Death and Disease</i> , 2020, 11, 1027.	2.7	25
12	BDNF belongs to the nurse-like cell secretome and supports survival of B chronic lymphocytic leukemia cells. <i>Scientific Reports</i> , 2020, 10, 12572.	1.6	10
13	Human Medulloblastoma Cell Lines: Investigating on Cancer Stem Cell-Like Phenotype. <i>Cancers</i> , 2020, 12, 226.	1.7	24
14	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.	2.3	23
15	A New Label-Free Approach to Glioblastoma Cancer Stem Cell Sorting and Detection. <i>Analytical Chemistry</i> , 2019, 91, 8948-8957.	3.2	9
16	CHI3L1, NTRK2, 1p/19q and IDH Status Predicts Prognosis in Glioma. <i>Cancers</i> , 2019, 11, 544.	1.7	18
17	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.	1.0	4
18	High-Frequency Dielectrophoresis Characterization of Differentiated vs Undifferentiated Medulloblastoma Cells. , 2018, , .		1

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19	Osteoblast and osteoclast responses to A/B type carbonate-substituted hydroxyapatite ceramics for bone regeneration. <i>Biomedical Materials (Bristol)</i> , 2017, 12, 035008.	1.7	55
20	Sortilin limits EGFR signaling by promoting its internalization in lung cancer. <i>Nature Communications</i> , 2017, 8, 1182.	5.8	63
21	<i>KLRC3</i> , a Natural Killer receptor gene, is a key factor involved in glioblastoma tumorigenesis and aggressiveness. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 244-253.	1.6	30
22	SCO-spondin oligopeptide inhibits angiogenesis in glioblastoma. <i>Oncotarget</i> , 2017, 8, 85969-85983.	0.8	3
23	p75 neurotrophin receptor and pro-BDNF promote cell survival and migration in clear cell renal cell carcinoma. <i>Oncotarget</i> , 2016, 7, 34480-34497.	0.8	36
24	A new role under sortilin's belt in cancer. <i>Communicative and Integrative Biology</i> , 2016, 9, e1130192.	0.6	26
25	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, 179-189.	4.1	62
26	Risk Factors for Permanent Visual Loss in Biopsy-proven Giant Cell Arteritis: A Study of 339 Patients. <i>Journal of Rheumatology</i> , 2016, 43, 1393-1399.	1.0	51
27	TrkB-containing exosomes promote the transfer of glioblastoma aggressiveness to YKL-40-inactivated glioblastoma cells. <i>Oncotarget</i> , 2016, 7, 50349-50364.	0.8	67
28	Microfluidic biosensors for microwave dielectric spectroscopy. <i>Sensors and Actuators A: Physical</i> , 2015, 229, 172-181.	2.0	49
29	Anti-apoptotic role and clinical relevance of neurotrophins in diffuse large B-cell lymphomas. <i>British Journal of Cancer</i> , 2015, 113, 934-944.	2.9	22
30	IL22/IL-22R Pathway Induces Cell Survival in Human Glioblastoma Cells. <i>PLoS ONE</i> , 2015, 10, e0119872.	1.1	21
31	The Ins and Outs of Nanoparticle Technology in Neurodegenerative Diseases and Cancer. <i>Current Drug Metabolism</i> , 2015, 16, 609-632.	0.7	21
32	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, 1671-1681.	1.9	3
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.	1.2	69
34	Uterus retrieval process from brain dead donors. <i>Fertility and Sterility</i> , 2014, 102, 476-482.	0.5	59
35	Discrimination of colorectal cancer cell lines using microwave biosensors. <i>Sensors and Actuators A: Physical</i> , 2014, 216, 405-416.	2.0	46
36	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.	1.1	21

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37	The Implications of Sortilin/Vps10p Domain Receptors in Neurological and Human Diseases. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 1354-1365.	0.8	29
38	Improved sedimentation field-flow fractionation separation channel for concentrated cellular elution. <i>Journal of Chromatography A</i> , 2013, 1302, 118-124.	1.8	6
39	Label-free colorectal cancer cell line bio-sensing using RF resonator. , 2013, , .		5
40	Tunable frequency resonant biosensors dedicated to dielectric permittivity analysis of biological cell cytoplasm. , 2013, , .		4
41	Serum and Lymphocytic Neurotrophins Profiles in Systemic Lupus Erythematosus: a Case-Control Study. <i>PLoS ONE</i> , 2013, 8, e79414.	1.1	12
42	Microwave biosensors for identifying cancer cell aggressiveness grade. , 2012, , .		5
43	Differential Expression of Neurotensin and Specific Receptors, NTSR1 and NTSR2, in Normal and Malignant Human B Lymphocytes. <i>Journal of Immunology</i> , 2012, 189, 5293-5303.	0.4	36
44	Decrease in Fas-induced apoptosis by the $\beta$ -secretase inhibitor is dependent on p75NTR in a glioblastoma cell line. <i>Experimental and Therapeutic Medicine</i> , 2012, 3, 873-877.	0.8	1
45	Glycosylation-related gene expression is linked to differentiation status in glioblastomas undifferentiated cells. <i>Cancer Letters</i> , 2011, 312, 24-32.	3.2	21
46	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.	1.4	6
47	Active Immunological Profile Is Associated with Systemic Sjögren's Syndrome. <i>Journal of Clinical Immunology</i> , 2011, 31, 840-847.	2.0	76
48	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.	2.0	50
49	Serum Neurotrophin Profile in Systemic Sclerosis. <i>PLoS ONE</i> , 2010, 5, e13918.	1.1	15
50	Articular manifestations in primary Sjögren's syndrome: clinical significance and prognosis of 188 patients. <i>Rheumatology</i> , 2010, 49, 1164-1172.	0.9	93
51	On-Chip Biosensors Based on Microwave Detection for Cell Scale Investigations. <i>Communications in Computer and Information Science</i> , 2010, , 51-63.	0.4	1
52	Label-free RF biosensors for human cell dielectric spectroscopy. <i>International Journal of Microwave and Wireless Technologies</i> , 2009, 1, 497-504.	1.5	16
53	Brain-derived neurotrophic factor and nerve growth factor correlate with T cell activation in primary Sjögren's syndrome. <i>Scandinavian Journal of Rheumatology</i> , 2009, 38, 50-57.	0.6	27
54	Ultra Sensitive Biosensor Based on Impedance Spectroscopy at Microwave Frequencies for Cell Scale Analysis. <i>Procedia Chemistry</i> , 2009, 1, 742-745.	0.7	2

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55	The Lengthening of a Giant Protein: When, How, and Why?. <i>Journal of Molecular Evolution</i> , 2008, 66, 1-10.	0.8	33
56	Label free biosensors for human cell characterization using radio and microwave frequencies. , 2008, , ,		29
57	Role of Endogenous Brain-Derived Neurotrophic Factor and Sortilin in B Cell Survival. <i>Journal of Immunology</i> , 2008, 181, 3027-3038.	0.4	86
58	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.	1.4	9
59	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.	1.4	8
60	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, 175-182.	1.2	23
61	Dementia patients caregivers quality of life: the PIXEL study. <i>International Journal of Geriatric Psychiatry</i> , 2006, 21, 50-56.	1.3	180
62	Reasons of informal caregivers for institutionalising dementia patients previously living at home: the Pixel study. <i>International Journal of Geriatric Psychiatry</i> , 2004, 19, 127-135.	1.3	65
63	Analysis of the Functional Maturation of Olfactory Neurons in Chicks Before and After Birth. <i>Chemical Senses</i> , 2003, 28, 729-737.	1.1	20
64	Differential responses of olfactory neurons to axotomy at embryonic and postnatal stages. <i>Neuroscience</i> , 2002, 109, 207-217.	1.1	8
65	Insulin-like growth factor I induced survival of axotomized olfactory neurons in the chick. <i>Neuroscience Letters</i> , 2001, 308, 67-70.	1.0	12
66	Cancer Stem-Like Cells in Glioblastoma. , 0, , 59-71.		10