

Sylvia M Bardet

List of Publications by Year in descending order

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32
papers

739
citations

623734

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552781

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32
all docs

32
docs citations

32
times ranked

827
citing authors

#	ARTICLE	IF	CITATIONS
1	Topography of somatostatin gene expression relative to molecular progenitor domains during ontogeny of the mouse hypothalamus. <i>Frontiers in Neuroanatomy</i> , 2011, 5, 10.	1.7	87
2	Conserved pattern of OTP-positive cells in the paraventricular nucleus and other hypothalamic sites of tetrapods. <i>Brain Research Bulletin</i> , 2008, 75, 231-235.	3.0	86
3	New and Old Thoughts on the Segmental Organization of the Forebrain in Lampreys. <i>Brain, Behavior and Evolution</i> , 2009, 74, 7-19.	1.7	70
4	Early pretectal gene expression pattern shows a conserved anteroposterior tripartition in mouse and chicken. <i>Brain Research Bulletin</i> , 2008, 75, 295-298.	3.0	65
5	Calcium-independent disruption of microtubule dynamics by nanosecond pulsed electric fields in U87 human glioblastoma cells. <i>Scientific Reports</i> , 2017, 7, 41267.	3.3	49
6	Nanosecond pulsed electric fields depolarize transmembrane potential via voltage-gated K ⁺ , Ca ²⁺ and TRPM8 channels in U87 glioblastoma cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 2040-2050.	2.6	42
7	Chicken lateral septal organ and other circumventricular organs form in a striatal subdomain abutting the molecular striatopallidal border. <i>Journal of Comparative Neurology</i> , 2006, 499, 745-767.	1.6	29
8	Comparison of Pretectal Genoarchitectonic Pattern between Quail and Chicken Embryos. <i>Frontiers in Neuroanatomy</i> , 2011, 5, 23.	1.7	29
9	Ontogenetic expression of Sonic Hedgehog in the chicken subpallium. <i>Frontiers in Neuroanatomy</i> , 2010, 4, .	1.7	27
10	Characterization of different 5' untranslated exons of the <i>ASIP</i> gene in black and tan doberman pinscher and brindle boxer dogs. <i>Animal Genetics</i> , 2013, 44, 114-117.	1.7	26
11	Plasma membrane depolarization and permeabilization due to electric pulses in cell lines of different excitability. <i>Bioelectrochemistry</i> , 2018, 122, 103-114.	4.6	26
12	Multiphoton imaging reveals that nanosecond pulsed electric fields collapse tumor and normal vascular perfusion in human glioblastoma xenografts. <i>Scientific Reports</i> , 2016, 6, 34443.	3.3	21
13	Infrared neural stimulation induces intracellular Ca ²⁺ release mediated by phospholipase C. <i>Journal of Biophotonics</i> , 2018, 11, e201700020.	2.3	19
14	ELECTROMAGNETIC ANALYSIS OF AN APERTURE MODIFIED TEM CELL INCLUDING AN ITO LAYER FOR REAL-TIME OBSERVATION OF BIOLOGICAL CELLS EXPOSED TO MICROWAVES. <i>Progress in Electromagnetics Research</i> , 2014, 149, 193-204.	4.4	17
15	Fast epi-detected broadband multiplex CARS and SHG imaging of mouse skull cells. <i>Biomedical Optics Express</i> , 2018, 9, 245.	2.9	16
16	Birth of neural progenitors during the embryonic period of sexual differentiation in the Japanese quail brain. <i>Journal of Comparative Neurology</i> , 2012, 520, 4226-4253.	1.6	14
17	How cellulose nanofibrils and cellulose microparticles impact paper strength? A visualization approach. <i>Carbohydrate Polymers</i> , 2021, 254, 117406.	10.2	12
18	CD31 Mimetic Coating Enhances Flow Diverting Stent Integration into the Arterial Wall Promoting Aneurysm Healing. <i>Stroke</i> , 2021, 52, 677-686.	2.0	12

#	ARTICLE	IF	CITATIONS
19	Two-photon microscopy with a frequency-doubled fully fusion-spliced fiber laser at 1840nm. Optics Letters, 2018, 43, 5098.	3.3	12
20	Visualisation of an nsPEF induced calcium wave using the genetically encoded calcium indicator GCaMP in U87 human glioblastoma cells. Bioelectrochemistry, 2018, 119, 68-75.	4.6	11
21	Comparison of implantation sites for the development of peritoneal metastasis in a colorectal cancer mouse model using non-invasive bioluminescence imaging. PLoS ONE, 2019, 14, e0220360.	2.5	11
22	Delivery devices for exposure of biological cells to nanosecond pulsed electric fields. Medical and Biological Engineering and Computing, 2018, 56, 85-97.	2.8	10
23	Localization of cellulosic fines in paper via fluorescent labeling. Cellulose, 2019, 26, 6933-6942.	4.9	9
24	A readily usable two-photon fluorescence lifetime microendoscope. Journal of Biophotonics, 2019, 12, e201800276.	2.3	9
25	Generation of megawatt soliton at 1680 nm in very large mode area antiresonant fiber and application to three-photon microscopy. Journal of Optics (United Kingdom), 2021, 23, 115504.	2.2	8
26	Testosterone recruits new aromatase-immunoreactive cells in neonatal quail brain. NeuroReport, 2010, 21, 376-380.	1.2	6
27	Managing chemotherapy extravasation in totally implantable central venous access: Use of subcutaneous wash-out technique. Journal of Vascular Access, 2020, 21, 723-731.	0.9	6
28	Long-term survival after surgery of pancreatic primary squamous cell carcinoma: A case report and literature review. Clinical Case Reports (discontinued), 2019, 7, 2092-2101.	0.5	4
29	Multiphoton microscopy for pre-clinical evaluation of flow-diverter stents for treating aneurysms. Journal of Neuroradiology, 2021, 48, 200-206.	1.1	3
30	Bioactive refinement for endosaccular treatment of intracranial aneurysms. Neuroradiology Journal, 2021, 34, 534-541.	1.2	3
31	Studying the mechanism of neurostimulation by infrared laser light using GCaMP6s and Rhodamine B imaging. , 2016, , .		0
32	Dosimetric characterizations of electromagnetic fields exposures for biomedical applications. , 2017, , .		0