

# Sylvia M Bardet

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

739  
citations

623734

14  
h-index

552781

26  
g-index

32  
all docs

32  
docs citations

32  
times ranked

827  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiphoton microscopy for pre-clinical evaluation of flow-diverter stents for treating aneurysms. <i>Journal of Neuroradiology</i> , 2021, 48, 200-206.	1.1	3
2	How cellulose nanofibrils and cellulose microparticles impact paper strength – A visualization approach. <i>Carbohydrate Polymers</i> , 2021, 254, 117406.	10.2	12
3	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
4	Bioactive refinement for endosaccular treatment of intracranial aneurysms. <i>Neuroradiology Journal</i> , 2021, 34, 534-541.	1.2	3
5	Generation of megawatt soliton at 1680 nm in very large mode area antiresonant fiber and application to three-photon microscopy. <i>Journal of Optics (United Kingdom)</i> , 2021, 23, 115504.	2.2	8
6	Managing chemotherapy extravasation in totally implantable central venous access: Use of subcutaneous wash-out technique. <i>Journal of Vascular Access</i> , 2020, 21, 723-731.	0.9	6
7	Comparison of implantation sites for the development of peritoneal metastasis in a colorectal cancer mouse model using non-invasive bioluminescence imaging. <i>PLoS ONE</i> , 2019, 14, e0220360.	2.5	11
8	Localization of cellulosic fines in paper via fluorescent labeling. <i>Cellulose</i> , 2019, 26, 6933-6942.	4.9	9
9	Long-term survival after surgery of pancreatic primary squamous cell carcinoma: A case report and literature review. <i>Clinical Case Reports (discontinued)</i> , 2019, 7, 2092-2101.	0.5	4
10	A readily usable two-photon fluorescence lifetime microendoscope. <i>Journal of Biophotonics</i> , 2019, 12, e201800276.	2.3	9
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	Delivery devices for exposure of biological cells to nanosecond pulsed electric fields. <i>Medical and Biological Engineering and Computing</i> , 2018, 56, 85-97.	2.8	10
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	Visualisation of an nsPEF induced calcium wave using the genetically encoded calcium indicator GCaMP in U87 human glioblastoma cells. <i>Bioelectrochemistry</i> , 2018, 119, 68-75.	4.6	11
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	Two-photon microscopy with a frequency-doubled fully fusion-spliced fiber laser at 1840 nm. <i>Optics Letters</i> , 2018, 43, 5098.	3.3	12
17	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
18	Dosimetric characterizations of electromagnetic fields exposures for biomedical applications. , 2017, , .		0

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19	Nanosecond pulsed electric fields depolarize transmembrane potential via voltage-gated K <sup>+</sup> , Ca <sup>2+</sup> and TRPM8 channels in U87 glioblastoma cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 2040-2050.	2.6	42
20	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
21	Studying the mechanism of neurostimulation by infrared laser light using GCaMP6s and Rhodamine B imaging. , 2016, , .		0
22	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
23	Characterization of different 5'â€² 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
24	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
25	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
26	Comparison of Pretectal Genoarchitectonic Pattern between Quail and Chicken Embryos. <i>Frontiers in Neuroanatomy</i> , 2011, 5, 23.	1.7	29
27	Testosterone recruits new aromatase-immunoreactive cells in neonatal quail brain. <i>NeuroReport</i> , 2010, 21, 376-380.	1.2	6
28	Ontogenetic expression of Sonic Hedgehog in the chicken subpallium. <i>Frontiers in Neuroanatomy</i> , 2010, 4, .	1.7	27
29	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
30	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
31	Early pretecal gene expression pattern shows a conserved anteroposterior tripartition in mouse and chicken. <i>Brain Research Bulletin</i> , 2008, 75, 295-298.	3.0	65
32	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