

Margarida Fardilha

List of Publications by Year in descending order

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Version: 2024-02-01

115
papers

1,997
citations

257101

24
h-index

344852

36
g-index

117
all docs

117
docs citations

117
times ranked

2923
citing authors

#	ARTICLE	IF	CITATIONS
1	Exposure to mercury and human reproductive health: A systematic review. <i>Reproductive Toxicology</i> , 2019, 85, 93-103.	1.3	90
2	Signaling mechanisms in mammalian sperm motility<sup><xref ref-type="fn" rid="afn1"</xref</sup>. <i>Biology of Reproduction</i> , 2017, 96, 2-12.	1.2	86
3	An insight on the role of photosensitizer nanocarriers for Photodynamic Therapy. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 1101-1130.	0.3	86
4	Identification of the human testis protein phosphatase 1 interactome. <i>Biochemical Pharmacology</i> , 2011, 82, 1403-1415.	2.0	65
5	Protein phosphatase 1 complexes modulate sperm motility and present novel targets for male infertility. <i>Molecular Human Reproduction</i> , 2011, 17, 466-477.	1.3	60
6	The Physiological Relevance of Protein Phosphatase 1 and its Interacting Proteins to Health and Disease. <i>Current Medicinal Chemistry</i> , 2012, 17, 3996-4017.	1.2	60
7	Protein phosphatase 1 catalytic isoforms: specificity toward interacting proteins. <i>Translational Research</i> , 2014, 164, 366-391.	2.2	60
8	Alternative Splicing Controls Nuclear Translocation of the Cell Cycle-regulated Nek2 Kinase. <i>Journal of Biological Chemistry</i> , 2007, 282, 26431-26440.	1.6	57
9	Testicular Aging: An Overview of Ultrastructural, Cellular, and Molecular Alterations. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 860-871.	1.7	49
10	Applying Electron Microscopy to Characterize the Human Epididymis Collected in vivo. <i>Microscopy and Microanalysis</i> , 2012, 18, 35-36.	0.2	47
11	All you need to know about sperm RNAs. <i>Human Reproduction Update</i> , 2021, 28, 67-91.	5.2	39
12	Identification of a Novel Complex A β PP:Fe65:PP1 that Regulates A β PP Thr668 Phosphorylation Levels. <i>Journal of Alzheimer's Disease</i> , 2013, 35, 761-775.	1.2	38
13	Protein Phosphatase 1 \pm Interacting Proteins in the Human Brain. <i>OMICS A Journal of Integrative Biology</i> , 2012, 16, 3-17.	1.0	36
14	Profiling signaling proteins in human spermatozoa: biomarker identification for sperm quality evaluation. <i>Fertility and Sterility</i> , 2015, 104, 845-856.e8.	0.5	36
15	Alternatively Spliced Protein Variants as Potential Therapeutic Targets for Male Infertility and Contraception. <i>Annals of the New York Academy of Sciences</i> , 2004, 1030, 468-478.	1.8	34
16	Fighting Bisphenol A-Induced Male Infertility: The Power of Antioxidants. <i>Antioxidants</i> , 2021, 10, 289.	2.2	33
17	From Proteomic Analysis to Potential Therapeutic Targets: Functional Profile of Two Lung Cancer Cell Lines, A549 and SW900, Widely Studied in Pre-Clinical Research. <i>PLoS ONE</i> , 2016, 11, e0165973.	1.1	33
18	Amyloid precursor protein interaction network in human testis: sentinel proteins for male reproduction. <i>BMC Bioinformatics</i> , 2015, 16, 12.	1.2	32

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19	Immunomodulatory effect of human bone marrow-derived mesenchymal stromal/stem cells on peripheral blood T cells from rheumatoid arthritis patients. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 16-28.	1.3	30
20	Signal Transduction Therapeutics: Relevance for Alzheimer's Disease. <i>Journal of Molecular Neuroscience</i> , 2004, 23, 123-142.	1.1	29
21	Modelling human prostate cancer: Rat models. <i>Life Sciences</i> , 2018, 203, 210-224.	2.0	29
22	Brain and testis: more alike than previously thought?. <i>Open Biology</i> , 2021, 11, 200322.	1.5	29
23	Phosphoprotein Phosphatase 1 Complexes in Spermatogenesis. <i>Current Molecular Pharmacology</i> , 2015, 7, 136-146.	0.7	29
24	Protein Phosphatase 1 and Its Complexes in Carcinogenesis. <i>Current Cancer Drug Targets</i> , 2014, 14, 2-29.	0.8	28
25	Prostate cancer: the need for biomarkers and new therapeutic targets. <i>Journal of Zhejiang University: Science B</i> , 2014, 15, 16-42.	1.3	26
26	The Effect of Nutrition on Aging—A Systematic Review Focusing on Aging-Related Biomarkers. <i>Nutrients</i> , 2022, 14, 554.	1.7	26
27	SARP, a new alternatively spliced protein phosphatase 1 and DNA interacting protein. <i>Biochemical Journal</i> , 2007, 402, 187-196.	1.7	25
28	The Nuclear Envelope Protein, LAP1B, Is a Novel Protein Phosphatase 1 Substrate. <i>PLoS ONE</i> , 2013, 8, e76788.	1.1	25
29	Novel Indole-based Tambjamine-Analogues Induce Apoptotic Lung Cancer Cell Death through p38 Mitogen-Activated Protein Kinase Activation. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 1224-1235.	1.9	24
30	The heterogeneous ribonuclear protein C interacts with the hepatitis delta virus small antigen. <i>Virology Journal</i> , 2011, 8, 358.	1.4	22
31	Exploring the effect of exercise training on testicular function. <i>European Journal of Applied Physiology</i> , 2019, 119, 1-8.	1.2	22
32	RanBP9 Modulates AICD Localization and Transcriptional Activity via Direct Interaction with Tip60. <i>Journal of Alzheimer's Disease</i> , 2014, 42, 1415-1433.	1.2	21
33	Signalling pathways involved in oocyte growth, acquisition of competence and activation. <i>Human Fertility</i> , 2015, 18, 149-155.	0.7	20
34	Study on the short-term effects of increased alcohol and cigarette consumption in healthy young men's seminal quality. <i>Scientific Reports</i> , 2017, 7, 45457.	1.6	20
35	Protein phosphatase 1 in tumorigenesis: is it worth a closer look?. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020, 1874, 188433.	3.3	20
36	Differential Distribution of Alzheimer's Amyloid Precursor Protein Family Variants in Human Sperm. <i>Annals of the New York Academy of Sciences</i> , 2007, 1096, 196-206.	1.8	19

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37	Sodium azide and 2-deoxy-D-glucose-induced cellular stress affects phosphorylation-dependent A β processing. <i>Journal of Alzheimer's Disease</i> , 2005, 7, 201-212.	1.2	18
38	mTOR Signaling Pathway Regulates Sperm Quality in Older Men. <i>Cells</i> , 2019, 8, 629.	1.8	18
39	Isoform-specific GSK3A activity is negatively correlated with human sperm motility. <i>Molecular Human Reproduction</i> , 2019, 25, 171-183.	1.3	18
40	Identification and characterization of two distinct PPP1R2 isoforms in human spermatozoa. <i>BMC Cell Biology</i> , 2013, 14, 15.	3.0	17
41	TCTEX1D4, a novel protein phosphatase 1 interactor: connecting the phosphatase to the microtubule network. <i>Biology Open</i> , 2013, 2, 453-465.	0.6	17
42	TGF β 2 cascade regulation by PPP1 and its interactors impact on prostate cancer development and therapy. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 555-567.	1.6	17
43	Physical Activity, Exercise, and Mammalian Testis Function: Emerging Preclinical Protein Biomarker and Integrative Biology Insights. <i>OMICS A Journal of Integrative Biology</i> , 2015, 19, 499-511.	1.0	17
44	Glycosphingolipids and oxidative stress: Evaluation of hydroxyl radical oxidation of galactosyl and lactosylceramides using mass spectrometry. <i>Chemistry and Physics of Lipids</i> , 2015, 191, 106-114.	1.5	17
45	Relevance of peroxynitrite formation and 3-nitrotyrosine on spermatozoa physiology. <i>Porto Biomedical Journal</i> , 2016, 1, 129-135.	0.4	17
46	Sulfate-based lipids: Analysis of healthy human fluids and cell extracts. <i>Chemistry and Physics of Lipids</i> , 2019, 221, 53-64.	1.5	17
47	Protein Phosphatase 1 ³ Isoforms Linked Interactions in the Brain. <i>Journal of Molecular Neuroscience</i> , 2013, 50, 179-197.	1.1	16
48	The power of the yeast two-hybrid system in the identification of novel drug targets: building and modulating PPP1 interactomes. <i>Expert Review of Proteomics</i> , 2015, 12, 147-158.	1.3	16
49	The protein phosphatase 1 regulator NIPP1 is essential for mammalian spermatogenesis. <i>Scientific Reports</i> , 2017, 7, 13364.	1.6	16
50	First Insights on the Presence of the Unfolded Protein Response in Human Spermatozoa. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5518.	1.8	16
51	Bovine semen sexing: Sperm membrane proteomics as candidates for immunological selection of Y-chromosome-bearing sperm. <i>Veterinary Medicine and Science</i> , 2021, 7, 1633-1641.	0.6	16
52	Contribution of the unfolded protein response to breast and prostate tissue homeostasis and its significance to cancer endocrine response. <i>Carcinogenesis</i> , 2019, 40, 203-215.	1.3	15
53	Spectroscopic Features of Cancer Cells: FTIR Spectroscopy as a Tool for Early Diagnosis. <i>Current Metabolomics</i> , 2018, 6, 103-111.	0.5	15
54	Understanding fatty acid metabolism through an active learning approach. <i>Biochemistry and Molecular Biology Education</i> , 2010, 38, 65-69.	0.5	14

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55	Not so pseudo: the evolutionary history of protein phosphatase 1 regulatory subunit 2 and related pseudogenes. <i>BMC Evolutionary Biology</i> , 2013, 13, 242.	3.2	14
56	The deletion of the protein phosphatase 1 regulator NIPP1 in testis causes hyperphosphorylation and degradation of the histone methyltransferase EZH2. <i>Journal of Biological Chemistry</i> , 2018, 293, 18031-18039.	1.6	14
57	An efficient synthetic access to new uracil-alditols bearing a porphyrin unit and biological assessment in prostate cancer cells. <i>Dyes and Pigments</i> , 2020, 173, 107996.	2.0	14
58	Stress response pathways in the male germ cells and gametes. <i>Molecular Human Reproduction</i> , 2020, 26, 1-13.	1.3	14
59	“OMICS” of Human Sperm: Profiling Protein Phosphatases. <i>OMICS A Journal of Integrative Biology</i> , 2013, 17, 460-472.	1.0	13
60	The disruption of protein-protein interactions as a therapeutic strategy for prostate cancer. <i>Pharmacological Research</i> , 2020, 161, 105145.	3.1	13
61	Signaling pathways in anchoring junctions of epithelial cells: cell-to-cell and cell-to-extracellular matrix interactions. <i>Journal of Receptor and Signal Transduction Research</i> , 2015, 35, 67-75.	1.3	12
62	Protein Aggregation Patterns Inform about Breast Cancer Response to Antiestrogens and Reveal the RNA Ligase RTCB as Mediator of Acquired Tamoxifen Resistance. <i>Cancers</i> , 2021, 13, 3195.	1.7	12
63	Modulation of serine/threonine-protein phosphatase 1 (PP1) complexes: A promising approach in cancer treatment. <i>Drug Discovery Today</i> , 2021, 26, 2680-2698.	3.2	12
64	Photodynamic therapy of prostate cancer using porphyrinic formulations. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 223, 112301.	1.7	12
65	Can exercise training counteract doxorubicin-induced oxidative damage of testis proteome?. <i>Toxicology Letters</i> , 2017, 280, 57-69.	0.4	11
66	TCTEX1D4 Interactome in Human Testis: Unraveling the Function of Dynein Light Chain in Spermatozoa. <i>OMICS A Journal of Integrative Biology</i> , 2014, 18, 242-253.	1.0	10
67	Disruption of protein phosphatase 1 complexes with the use of bioportides as a novel approach to target sperm motility. <i>Fertility and Sterility</i> , 2021, 115, 348-362.	0.5	10
68	Evaluation of the photooxidation of galactosyl- and lactosylceramide by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 2275-2284.	0.7	9
69	Construction and analysis of a human testis/sperm-enriched interaction network: Unraveling the PPP1CC2 interactome. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 375-385.	1.1	9
70	Adding biological meaning to human protein-protein interactions identified by yeast two-hybrid screenings: A guide through bioinformatics tools. <i>Journal of Proteomics</i> , 2018, 171, 127-140.	1.2	9
71	Oxidative stress markers: Can they be used to evaluate human sperm quality?. <i>Turkish Journal of Urology</i> , 2015, 41, 198-207.	1.3	8
72	Application of Proteogenomics to Urine Analysis towards the Identification of Novel Biomarkers of Prostate Cancer: An Exploratory Study. <i>Cancers</i> , 2022, 14, 2001.	1.7	8

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73	Identification and characterization of a neuronal enriched novel transcript encoding the previously described p60Fe65 isoform. <i>Journal of Neurochemistry</i> , 2011, 119, 1086-1098.	2.1	7
74	Lipid remodelling in human melanoma cells in response to UVA exposure. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 744-752.	1.6	7
75	Investigation of spectroscopic and proteomic alterations underlying prostate carcinogenesis. <i>Journal of Proteomics</i> , 2020, 226, 103888.	1.2	7
76	Chronic exercise training attenuates prostate cancer-induced molecular remodelling in the testis. <i>Cellular Oncology (Dordrecht)</i> , 2021, 44, 311-327.	2.1	6
77	Bioinformatic analysis of dysregulated proteins in prostate cancer patients reveals putative urinary biomarkers and key biological pathways. <i>Medical Oncology</i> , 2021, 38, 9.	1.2	6
78	Unravelling the Power of Omics for the Infertile Aging Male. <i>Current Pharmaceutical Design</i> , 2017, 23, 4451-4469.	0.9	6
79	Understanding Prostate Cancer Cells Metabolome: A Spectroscopic Approach. <i>Current Metabolomics</i> , 2019, 6, 218-224.	0.5	6
80	A ruthenium(II)-trithiacyclononane curcumin complex: Synthesis, characterization, DNA-interaction, and cytotoxic activity. <i>Journal of Coordination Chemistry</i> , 2017, 70, 2393-2408.	0.8	5
81	Anatomy and Imaging of Rat Prostate: Practical Monitoring in Experimental Cancer-Induced Protocols. <i>Diagnostics</i> , 2019, 9, 68.	1.3	5
82	Integration of Automatic Text Mining and Genomic and Proteomic Analysis to Unravel Prostate Cancer Biomarkers. <i>Journal of Proteome Research</i> , 2022, 21, 447-458.	1.8	5
83	Bioinformatic Approach to Unveil Key Differentially Expressed Proteins in Human Sperm After Slow and Rapid Cryopreservation. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 759354.	1.8	5
84	Human Bone Marrow Mesenchymal Stromal/Stem Cells Regulate the Proinflammatory Response of Monocytes and Myeloid Dendritic Cells from Patients with Rheumatoid Arthritis. <i>Pharmaceutics</i> , 2022, 14, 404.	2.0	5
85	TLR7 and TLR8 evolution in lagomorphs: different patterns in the different lineages. <i>Immunogenetics</i> , 2022, 74, 475-485.	1.2	5
86	The Impact of Lifestyle on Prostate Cancer: A Road to the Discovery of New Biomarkers. <i>Journal of Clinical Medicine</i> , 2022, 11, 2925.	1.0	5
87	An Intriguing Shift Occurs in the Novel Protein Phosphatase 1 Binding Partner, TCTEX1D4: Evidence of Positive Selection in a Pika Model. <i>PLoS ONE</i> , 2013, 8, e77236.	1.1	4
88	The influence of <i>Castanea sativa</i> Mill. flower extract on hormonally and chemically induced prostate cancer in a rat model. <i>Food and Function</i> , 2021, 12, 2631-2643.	2.1	4
89	The mammalian two-hybrid system as a powerful tool for high-throughput drug screening. <i>Drug Discovery Today</i> , 2020, 25, 764-771.	3.2	3
90	Subcellular Localization of a Novel Alternative Splicing of IICG9 and Colocalization with PPP1gamma Isoforms. <i>Microscopy and Microanalysis</i> , 2008, 14, 141-143.	0.2	2

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91	Characterisation of several ankyrin repeat protein variant 2, a phosphoprotein phosphatase 1-interacting protein, in testis and spermatozoa. <i>Reproduction, Fertility and Development</i> , 2016, 28, 1009.	0.1	2
92	Multi-method Active Learning Approach: improving the educational experience in Pharmaceutical Drug Development. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2014, 48, 16-25.	0.3	2
93	In Vivo Interaction of the Hepatitis Delta Virus Small Antigen with the ELAV-Like Protein HuR. <i>The Open Virology Journal</i> , 2011, 5, 12-21.	1.8	2
94	Effects of testosterone and exercise training on bone microstructure of rats. <i>Veterinary World</i> , 2022, 15, 627-633.	0.7	2
95	PP1 catalytic isoforms are differentially expressed and regulated in human prostate cancer. <i>Experimental Cell Research</i> , 2022, 418, 113282.	1.2	2
96	Lifestyle influences human sperm functional quality. <i>Asian Pacific Journal of Reproduction</i> , 2012, 1, 224-230.	0.2	1
97	Synphilin-1A is a Phosphoprotein Phosphatase 1-Interacting Protein and Affects PPP1 Sorting to Subcellular Compartments. <i>Journal of Molecular Neuroscience</i> , 2015, 55, 385-395.	1.1	1
98	Non-Stop lab week: A real laboratory experience for life sciences postgraduate courses. <i>Biochemistry and Molecular Biology Education</i> , 2016, 44, 297-303.	0.5	1
99	The Role of Endocrine-Disrupting Chemicals in Male Fertility Decline. , 0, , .		1
100	Sperm Signaling Specificity: From Sperm Maturation to Oocyte Recognition. , 2020, , 257-277.		1
101	Protein Mimicry and the Design of Bioactive Cell-Penetrating Peptides: The Genesis of STOPSPERM Biopptides. <i>Methods in Molecular Biology</i> , 2022, 2383, 293-306.	0.4	1
102	Colocalization Analysis of PPP1 Isoforms and Two Novel Targeting Subunits in Breast Carcinoma. <i>Microscopy and Microanalysis</i> , 2008, 14, 134-136.	0.2	0
103	Vias de sinaliza�o reguladoras das fun�es do espermatozoide. <i>Revista Internacional De Andrologia</i> , 2014, 12, 104-111.	0.1	0
104	MP70-15 PROFILING SIGNALING PROTEINS IN HUMAN SPERMATOZOA: BIOMARKER IDENTIFICATION FOR SPERM QUALITY EVALUATION. <i>Journal of Urology</i> , 2016, 195, .	0.2	0
105	MP90-18 SIGNALING PATHWAYS IN HUMAN PROSTATE CARCINOGENESIS: DIFFERENTIAL PROTEIN EXPRESSION PATTERNS BETWEEN NORMAL AND CANCER TISSUES.. <i>Journal of Urology</i> , 2016, 195, .	0.2	0
106	Sertoli Cell Preparation for Co-immunoprecipitation. <i>Methods in Molecular Biology</i> , 2018, 1748, 61-71.	0.4	0
107	Profiling Signaling Proteins in Sertoli Cells by Co-immunoprecipitation. <i>Methods in Molecular Biology</i> , 2018, 1748, 73-84.	0.4	0
108	High-intensity, high-volume exercise in addition to school exercise classes reduces endothelial progenitor cells, inflammation and catabolism in adolescent boys. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 2255-2258.	0.8	0

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109	Ultrasonographic Follow-up of the Multistep Protocol for Prostate Cancer Induction in Wistar Rats. <i>In Vivo</i> , 2020, 34, 1797-1803.	0.6	0
110	New evidences of ubiquitinâ€“proteasome system activity in human sperm. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118932.	1.9	0
111	Male infertility diagnostic laboratories during COVID-19 pandemic: development of a novel teaching/learning strategy. , 0, , .		0
112	Phosphoprotein Phosphatase 1 Isoforms Alpha and Gamma Respond Differently to Prodigiosin Treatment and Present Alternative Kinase Targets in Melanoma Cells. <i>Journal of Biophysical Chemistry</i> , 2014, 05, 67-77.	0.1	0
113	New Insights on the Impact of Statin Therapy in the Susceptibility to Hypovitaminosis D Through Serum Lipidome Profiling. <i>Cardiovascular and Hematological Agents in Medicinal Chemistry</i> , 2017, 14, 113-119.	0.4	0
114	How to motivate students to learn Metabolic Biochemistry in a Biomedical Sciences curricula. , 0, , .		0
115	Tracking Prostate Carcinogenesis over Time through Urine Proteome Profiling in an Animal Model: An Exploratory Approach. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7560.	1.8	0