

Sara Stigliani

List of Publications by Year in descending order

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56
papers

1,500
citations

331259

21
h-index

329751

37
g-index

58
all docs

58
docs citations

58
times ranked

2410
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial DNA content in embryo culture medium is significantly associated with human embryo fragmentation. <i>Human Reproduction</i> , 2013, 28, 2652-2660.	0.4	118
2	Glia re-sealed particles freshly prepared from adult rat brain are competent for exocytotic release of glutamate. <i>Journal of Neurochemistry</i> , 2006, 96, 656-668.	2.1	99
3	Transcribed-ultra conserved region expression is associated with outcome in high-risk neuroblastoma. <i>BMC Cancer</i> , 2009, 9, 441.	1.1	95
4	Mitochondrial DNA in Day 3 embryo culture medium is a novel, non-invasive biomarker of blastocyst potential and implantation outcome. <i>Molecular Human Reproduction</i> , 2014, 20, 1238-1246.	1.3	77
5	Antileukemia effects of xanthohumol in Bcr/Abl-transformed cells involve nuclear factor- κ B and p53 modulation. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 2692-2702.	1.9	73
6	Identification of low intratumoral gene expression heterogeneity in neuroblastic tumors by genome-wide expression analysis and game theory. <i>Cancer</i> , 2008, 113, 1412-1422.	2.0	65
7	Multiple mechanisms of transmitter release evoked by 'pathologically' elevated extracellular [K ⁺]: involvement of transporter reversal and mitochondrial calcium. <i>Journal of Neurochemistry</i> , 2002, 80, 706-714.	2.1	60
8	Age-dependent accumulation of genomic aberrations and deregulation of cell cycle and telomerase genes in metastatic neuroblastoma. <i>International Journal of Cancer</i> , 2012, 131, 1591-1600.	2.3	53
9	Functional expression of release-regulating glycine transporters GLYT1 on GABAergic neurons and GLYT2 on astrocytes in mouse spinal cord. <i>Neurochemistry International</i> , 2008, 52, 103-112.	1.9	51
10	Excessive and precocious glutamate release in a mouse model of amyotrophic lateral sclerosis. <i>Neuropharmacology</i> , 2004, 46, 782-792.	2.0	48
11	High Genomic Instability Predicts Survival in Metastatic High-Risk Neuroblastoma. <i>Neoplasia</i> , 2012, 14, 823-IN10.	2.3	48
12	DNA-functionalized solid state nanopore for biosensing. <i>Nanotechnology</i> , 2010, 21, 145102.	1.3	42
13	â€œDNA-Dressed Nanoporeâ€ for complementary sequence detection. <i>Biosensors and Bioelectronics</i> , 2011, 29, 125-131.	5.3	41
14	Bone Marrow-Infiltrating Human Neuroblastoma Cells Express High Levels of Calprotectin and HLA-G Proteins. <i>PLoS ONE</i> , 2012, 7, e29922.	1.1	40
15	Storage time does not modify the gene expression profile of cryopreserved human metaphase II oocytes. <i>Human Reproduction</i> , 2015, 30, 2519-2526.	0.4	39
16	SARS-CoV-2 in the semen: Where does it come from?. <i>Andrology</i> , 2021, 9, 39-41.	1.9	37
17	Glycine taken up through GLYT1 and GLYT2 heterotransporters into glutamatergic axon terminals of mouse spinal cord elicits release of glutamate by homotransporter reversal and through anion channels. <i>Biochemical Pharmacology</i> , 2005, 69, 159-168.	2.0	33
18	Role of CXCL13-CXCR5 Crosstalk Between Malignant Neuroblastoma Cells and Schwannian Stromal Cells in Neuroblastic Tumors. <i>Molecular Cancer Research</i> , 2011, 9, 815-823.	1.5	29

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19	Swimming behavior regulation by GABAB receptors in Paramecium. <i>Experimental Cell Research</i> , 2003, 291, 398-405.	1.2	28
20	Downregulation of miR-99a/let-7c/miR-125b miRNA cluster predicts clinical outcome in patients with unresected malignant pleural mesothelioma. <i>Oncotarget</i> , 2017, 8, 68627-68640.	0.8	27
21	Bone marrow of neuroblastoma patients shows downregulation of <i>CXCL12</i> expression and presence of <i>IFNγ</i> signature. <i>Pediatric Blood and Cancer</i> , 2012, 59, 44-51.	0.8	22
22	NAC, Tiron and Trolox Impair Survival of Cell Cultures Containing Glioblastoma Tumorigenic Initiating Cells by Inhibition of Cell Cycle Progression. <i>PLoS ONE</i> , 2014, 9, e90085.	1.1	22
23	Serum levels of cytoplasmic melanoma-associated antigen at diagnosis may predict clinical relapse in neuroblastoma patients. <i>Cancer Immunology, Immunotherapy</i> , 2011, 60, 1485-1495.	2.0	21
24	Impact of CXCL1 overexpression on growth and invasion of prostate cancer cell. <i>Prostate</i> , 2013, 73, 941-951.	1.2	21
25	The sensitivity of catecholamine release to botulinum toxin C1 and E suggests selective targeting of vesicles set into the readily releasable pool. <i>Journal of Neurochemistry</i> , 2003, 85, 409-421.	2.1	20
26	A genome-wide microRNA profiling indicates miR-424-5p and miR-503-5p as regulators of ALK expression in neuroblastoma. <i>Oncotarget</i> , 2017, 8, 56518-56532.	0.8	19
27	Endocytosis of GABAB receptors modulates membrane excitability in the single-celled organism Paramecium. <i>Journal of Cell Science</i> , 2006, 119, 2056-2064.	1.2	18
28	Epigenetic Silencing of DKK3 in Medulloblastoma. <i>International Journal of Molecular Sciences</i> , 2013, 14, 7492-7505.	1.8	18
29	Presence of aggregates of smooth endoplasmic reticulum in MII oocytes affects oocyte competence: molecular-based evidence. <i>Molecular Human Reproduction</i> , 2018, 24, 310-317.	1.3	18
30	Segmental chromosome aberrations converge on overexpression of mitotic spindle regulatory genes in high-risk neuroblastoma. <i>Genes Chromosomes and Cancer</i> , 2012, 51, 545-556.	1.5	16
31	Occurrence of smooth endoplasmic reticulum aggregates in metaphase II oocytes: relationship with stimulation protocols and outcome of ICSI and IVF cycles. <i>Human Reproduction</i> , 2021, 36, 907-917.	0.4	16
32	Gonadotropin Releasing Hormone Agonists Have an Anti-apoptotic Effect on Cumulus Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6045.	1.8	15
33	Activation of γ -aminobutyric acid GAT-1 transporters on glutamatergic terminals of mouse spinal cord mediates glutamate release through anion channels and by transporter reversal. <i>Journal of Neuroscience Research</i> , 2005, 80, 424-433.	1.3	13
34	Non-invasive mitochondrial DNA quantification on Day 3 predicts blastocyst development: a prospective, blinded, multi-centric study. <i>Molecular Human Reproduction</i> , 2019, 25, 527-537.	1.3	13
35	Oral Antioxidant Treatment of Men Significantly Improves the Reproductive Outcome of IVF Cycles. <i>Journal of Clinical Medicine</i> , 2021, 10, 3254.	1.0	13
36	Altered erythropoiesis and decreased number of erythrocytes in children with neuroblastoma. <i>Oncotarget</i> , 2017, 8, 53194-53209.	0.8	13

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37	Deregulation of focal adhesion pathway mediated by miR-659-3p is implicated in bone marrow infiltration of stage M neuroblastoma patients. <i>Oncotarget</i> , 2015, 6, 13295-13308.	0.8	13
38	Genome and Transcriptome Analysis of Neuroblastoma Advanced Diagnosis from Innovative Therapies. <i>Current Pharmaceutical Design</i> , 2009, 15, 448-455.	0.9	10
39	Fifteen Year Regional Center Experience in Sperm Banking for Cancer Patients: Use and Reproductive Outcomes in Survivors. <i>Cancers</i> , 2021, 13, 116.	1.7	10
40	Borderline ovarian tumours: management in the era of fertility-sparing surgery. <i>Ecancermedalscience</i> , 2020, 14, 1031.	0.6	10
41	Glutamate Release Induced by Activation of Glycine and GABA Transporters in Spinal Cord is Enhanced in a Mouse Model of Amyotrophic Lateral Sclerosis. <i>NeuroToxicology</i> , 2005, 26, 883-892.	1.4	9
42	Transcribed-ultra conserved region expression profiling from low-input total RNA. <i>BMC Genomics</i> , 2010, 11, 149.	1.2	9
43	Electrical characterization of DNA-functionalized solid state nanopores for bio-sensing. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 454104.	0.7	8
44	Chromosome 9q and 16q Loss Identified by Genome-Wide Pooled-Analysis Are Associated with Tumor Aggressiveness in Patients with Classic Medulloblastoma. <i>OMICS A Journal of Integrative Biology</i> , 2011, 15, 273-280.	1.0	7
45	Expression of <i>FOXP3</i> , <i>CD14</i> , and <i>ARG1</i> in Neuroblastoma Tumor Tissue from High-Risk Patients Predicts Event-Free and Overall Survival. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	6
46	Prexasertib: an investigational checkpoint kinase inhibitor for the treatment of high-grade serous ovarian cancer. <i>Expert Opinion on Investigational Drugs</i> , 2020, 29, 779-792.	1.9	6
47	Trastuzumab Modulates the Protein Cargo of Extracellular Vesicles Released by ERBB2+ Breast Cancer Cells. <i>Membranes</i> , 2021, 11, 199.	1.4	6
48	Effect of Multiple Sclerosis and Its Treatments on Male Fertility: Cues for Future Research. <i>Journal of Clinical Medicine</i> , 2021, 10, 5401.	1.0	6
49	Solid state nanopores for gene expression profiling. <i>Superlattices and Microstructures</i> , 2009, 46, 59-63.	1.4	5
50	Hyaluronic acidâ€sperm selection significantly improves the clinical outcome of couples with previous ICSI cycles failure. <i>Andrology</i> , 2022, 10, 677-685.	1.9	5
51	Pronuclear score improves prediction of embryo implantation success in ICSI cycles. <i>BMC Pregnancy and Childbirth</i> , 2021, 21, 361.	0.9	3
52	Insight into the Genomics of Premature Ovarian Failure. <i>Journal of Molecular and Genetic Medicine: an International Journal of Biomedical Research</i> , 2013, 07, .	0.1	3
53	miRNA expression profile of bone marrow resident cells from children with neuroblastoma is not significantly different from that of healthy children. <i>Oncotarget</i> , 2018, 9, 19014-19025.	0.8	2
54	How Should we Perform a Preoperative Multidimensional Assessment of Elderly Patients with Advanced Ovarian Cancer?. <i>Journal of Investigative Surgery</i> , 2020, 34, 1-2.	0.6	1

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55	415 Identification of chemokine CXCR5-CXCL13 cross-talk between malignant neuroblastoma cells and schwannian stromal cells suggests a role in the inhibition of metastatic dissemination. European Journal of Cancer, Supplement, 2010, 8, 106.	2.2	0
56	Bone Marrow Infiltration in Neuroblastoma: Characteristics of Infiltrating Cells and Role of the Microenvironment. , 0, , .		0