

Maria Valeria Corrias

List of Publications by Year in descending order

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90
papers

2,824
citations

172457

29
h-index

197818

49
g-index

90
all docs

90
docs citations

90
times ranked

3639
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of 4lg-B7-H3 as a neuroblastoma-associated molecule that exerts a protective role from an NK cell-mediated lysis. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 12640-12645.	7.1	248
2	Natural Killer Cell-Mediated Killing of Freshly Isolated Neuroblastoma Cells. Cancer Research, 2004, 64, 9180-9184.	0.9	224
3	Tumor Origin of Endothelial Cells in Human Neuroblastoma. Journal of Clinical Oncology, 2007, 25, 376-383.	1.6	131
4	Neuroblastoma-Derived TGF- β 1 Modulates the Chemokine Receptor Repertoire of Human Resting NK Cells. Journal of Immunology, 2013, 190, 5321-5328.	0.8	128
5	Effect of Bortezomib on Human Neuroblastoma Cell Growth, Apoptosis, and Angiogenesis. Journal of the National Cancer Institute, 2006, 98, 1142-1157.	6.3	125
6	Neuroblastoma mRNAs Predict Outcome in Children With Stage 4 Neuroblastoma: A European HR-NBL1/SIOPEN Study. Journal of Clinical Oncology, 2014, 32, 1074-1083.	1.6	97
7	PD-L1 expression in metastatic neuroblastoma as an additional mechanism for limiting immune surveillance. Oncoimmunology, 2016, 5, e1064578.	4.6	91
8	Small round blue cell tumours: diagnostic and prognostic usefulness of the expression of B7-1 surface molecule. Histopathology, 2008, 53, 73-80.	2.9	79
9	Lack of HLA class I antigens in human neuroblastoma cells: analysis of its relationship to TAP and tapasin expression. Tissue Antigens, 2001, 57, 110-117.	1.0	61
10	Standardisation of operating procedures for the detection of minimal disease by QRT-PCR in children with neuroblastoma: Quality assurance on behalf of SIOPEN-R-NET. European Journal of Cancer, 2007, 43, 341-350.	2.8	59
11	HIF-1 transcription activity: HIF1A driven response in normoxia and in hypoxia. BMC Medical Genetics, 2019, 20, 37.	2.1	57
12	Expression of MAGE-1, MAGE-3 and MART-1 genes in neuroblastoma. , 1996, 69, 403-407.		49
13	Immunogenicity of Human Neuroblastoma. Annals of the New York Academy of Sciences, 2004, 1028, 69-80.	3.8	48
14	CXCL12 Does Not Attract CXCR4+ Human Metastatic Neuroblastoma Cells: Clinical Implications. Clinical Cancer Research, 2006, 12, 77-82.	7.0	47
15	Minimal disease monitoring by QRT-PCR: guidelines for identification and systematic validation of molecular markers prior to evaluation in prospective clinical trials. Journal of Pathology, 2008, 216, 245-252.	4.5	46
16	Recent advances in the developmental origin of neuroblastoma: an overview. Journal of Experimental and Clinical Cancer Research, 2022, 41, 92.	8.6	46
17	Human NK cell infusions prolong survival of metastatic human neuroblastoma-bearing NOD/scid mice. Cancer Immunology, Immunotherapy, 2007, 56, 1733-1742.	4.2	44
18	Exosomal microRNAs from Longitudinal Liquid Biopsies for the Prediction of Response to Induction Chemotherapy in High-Risk Neuroblastoma Patients: A Proof of Concept SIOPEN Study. Cancers, 2019, 11, 1476.	3.7	43

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19	Angiogenesis in a human neuroblastoma xenograft model: mechanisms and inhibition by tumour-derived interferon- β . <i>British Journal of Cancer</i> , 2006, 94, 1845-1852.	6.4	42
20	Imatinib and Nilotinib Off-Target Effects on Human NK Cells, Monocytes, and M2 Macrophages. <i>Journal of Immunology</i> , 2017, 199, 1516-1525.	0.8	41
21	Bone Marrow-Infiltrating Human Neuroblastoma Cells Express High Levels of Calprotectin and HLA-G Proteins. <i>PLoS ONE</i> , 2012, 7, e29922.	2.5	40
22	Expression of a gene for mouse eucaryotic elongation factor Tu during murine erythroleukemic cell differentiation.. <i>Molecular and Cellular Biology</i> , 1987, 7, 3929-3936.	2.3	37
23	Protein kinase C isoenzymes in human neuroblasts involvement of PKC μ in cell differentiation. <i>FEBS Letters</i> , 1993, 322, 120-124.	2.8	37
24	Detection of Neuroblastoma Cells in Bone Marrow and Peripheral Blood by Different Techniques. <i>Clinical Cancer Research</i> , 2004, 10, 7978-7985.	7.0	37
25	Combined immunotherapy with anti-PDL-1/PD-1 and anti-CD4 antibodies cures syngeneic disseminated neuroblastoma. <i>Scientific Reports</i> , 2017, 7, 14049.	3.3	37
26	Uncoordinate induction and differential regulation of hla class-I and class-II expression by β -interferon in differentiating human neuroblastoma cells. <i>International Journal of Cancer</i> , 1993, 55, 817-823.	5.1	35
27	Immunotherapy of neuroblastoma by an Interleukin-21-secreting cell vaccine involves survivin as antigen. <i>Cancer Immunology, Immunotherapy</i> , 2008, 57, 1625-1634.	4.2	35
28	Peripheral Blood Stem Cell Tumor Cell Contamination and Survival of Neuroblastoma Patients. <i>Clinical Cancer Research</i> , 2006, 12, 5680-5685.	7.0	32
29	Identification of reference microRNAs and suitability of archived hemopoietic samples for robust microRNA expression profiling. <i>Analytical Biochemistry</i> , 2012, 421, 566-572.	2.4	32
30	Expression of costimulatory molecules in human neuroblastoma. Evidence that CD40+ neuroblastoma cells undergo apoptosis following interaction with CD40L. <i>British Journal of Cancer</i> , 2003, 88, 1527-1536.	6.4	31
31	The interleukin (IL)-31/IL-31R axis contributes to tumor growth in human follicular lymphoma. <i>Leukemia</i> , 2015, 29, 958-967.	7.2	31
32	Plasma Levels of Soluble HLA-E and HLA-F at Diagnosis May Predict Overall Survival of Neuroblastoma Patients. <i>BioMed Research International</i> , 2013, 2013, 1-9.	1.9	30
33	Microvesicles expressing adenosinergic ectoenzymes and their potential role in modulating bone marrow infiltration by neuroblastoma cells. <i>Oncolmmunology</i> , 2019, 8, e1574198.	4.6	29
34	Prognostic value of ferritin, neuron-specific enolase, lactate dehydrogenase, and urinary and plasmatic catecholamine metabolites in children with neuroblastoma. <i>OncoTargets and Therapy</i> , 2012, 5, 417.	2.0	27
35	Combined Replenishment of miR-34a and let-7b by Targeted Nanoparticles Inhibits Tumor Growth in Neuroblastoma Preclinical Models. <i>Small</i> , 2020, 16, e1906426.	10.0	27
36	Cell surface Nucleolin represents a novel cellular target for neuroblastoma therapy. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 180.	8.6	27

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37	Different levels of control prevent interferon- β -inducible HLA-class II expression in human neuroblastoma cells. <i>Oncogene</i> , 2003, 22, 7848-7857.	5.9	26
38	Chemokines in neuroectodermal tumour progression and metastasis. <i>Seminars in Cancer Biology</i> , 2009, 19, 97-102.	9.6	26
39	Neuroblastoma and bone metastases: Clinical significance and prognostic value of Dickkopf 1 plasma levels. <i>Bone</i> , 2011, 48, 152-159.	2.9	26
40	Multiple target molecular monitoring of bone marrow and peripheral blood samples from patients with localized neuroblastoma and healthy donors. <i>Pediatric Blood and Cancer</i> , 2012, 58, 43-49.	1.5	25
41	Evaluation of bone marrow as a metastatic site of human neuroblastoma. <i>Annals of the New York Academy of Sciences</i> , 2015, 1335, 23-31.	3.8	25
42	Transient depletion of CD4 ⁺ T cells augments IL-21-based immunotherapy of disseminated neuroblastoma in syngeneic mice. <i>International Journal of Cancer</i> , 2010, 127, 1141-1150.	5.1	24
43	Synergistic Differentiation-Promoting Activity of Interferon β and Tumor Necrosis Factor- β : Role of Receptor Regulation on Human Neuroblasts. <i>Journal of the National Cancer Institute</i> , 1994, 86, 1694-1701.	6.3	23
44	Bone marrow of neuroblastoma patients shows downregulation of CXCL12 expression and presence of IFN signature. <i>Pediatric Blood and Cancer</i> , 2012, 59, 44-51.	1.5	22
45	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.	4.2	21
46	Recombinant IL-21 and anti-CD4 antibodies cooperate in syngeneic neuroblastoma immunotherapy and mediate long-lasting immunity. <i>Cancer Immunology, Immunotherapy</i> , 2014, 63, 501-511.	4.2	21
47	Sequential immunogene therapy with interleukin-12- and interleukin-15-engineered neuroblastoma cells cures metastatic disease in syngeneic mice. <i>Clinical Cancer Research</i> , 2005, 11, 735-42.	7.0	21
48	Detection of GD2-positive cells in bone marrow samples and survival of patients with localised neuroblastoma. <i>British Journal of Cancer</i> , 2008, 98, 263-269.	6.4	19
49	Neural crest-derived tumor neuroblastoma and melanoma share 1p13.2 as susceptibility locus that shows a long-range interaction with the SLC16A1 gene. <i>Carcinogenesis</i> , 2020, 41, 284-295.	2.8	18
50	CD4 ⁺ CD25 ^{hi} CD127 ⁺ Treg and CD4 ⁺ CD45RO ⁺ CD49b ⁺ LAG3 ⁺ Tr1 cells in bone marrow and peripheral blood samples from children with neuroblastoma. <i>Oncolmmunology</i> , 2016, 5, e1249553.	4.6	17
51	IL-10 and ARG-1 Concentrations in Bone Marrow and Peripheral Blood of Metastatic Neuroblastoma Patients Do Not Associate with Clinical Outcome. <i>Journal of Immunology Research</i> , 2015, 2015, 1-9.	2.2	16
52	A Focus on Regulatory Networks Linking MicroRNAs, Transcription Factors and Target Genes in Neuroblastoma. <i>Cancers</i> , 2021, 13, 5528.	3.7	16
53	Low-dose interferon- β -producing human neuroblastoma cells show reduced proliferation and delayed tumorigenicity. <i>British Journal of Cancer</i> , 2004, 90, 2210-2218.	6.4	15
54	The Olive Leaves Extract Has Anti-Tumor Effects against Neuroblastoma through Inhibition of Cell Proliferation and Induction of Apoptosis. <i>Nutrients</i> , 2021, 13, 2178.	4.1	15

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55	Plasma free metanephrines for diagnosis of neuroblastoma patients. <i>Clinical Biochemistry</i> , 2019, 66, 57-62.	1.9	14
56	Full Cytogenetic Characterization of a New Neuroblastoma Cell Line with a Complex 17q Translocation. <i>Cancer Genetics and Cytogenetics</i> , 2000, 116, 124-132.	1.0	13
57	Two-stage phase II study of imatinib mesylate in subjects with refractory or relapsing neuroblastoma. <i>Annals of Oncology</i> , 2013, 24, 1406-1413.	1.2	13
58	Altered erythropoiesis and decreased number of erythrocytes in children with neuroblastoma. <i>Oncotarget</i> , 2017, 8, 53194-53209.	1.8	13
59	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.	1.8	13
60	Association of <i>PARP1</i> polymorphisms with response to chemotherapy in patients with high-risk neuroblastoma. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 4072-4081.	3.6	12
61	Induction of 2,5 oas gene expression and activity is not sufficient for IFN- β -induced neuroblastoma cell differentiation. <i>International Journal of Cancer</i> , 1995, 62, 223-229.	5.1	10
62	Soluble HLA-G and HLA-E Levels in Bone Marrow Plasma Samples Are Related to Disease Stage in Neuroblastoma Patients. <i>Journal of Immunology Research</i> , 2016, 2016, 1-6.	2.2	10
63	Expression of HER2/neu is uncommon in human neuroblastic tumors and is unrelated to tumor progression. <i>Cancer Immunology, Immunotherapy</i> , 2003, 52, 116-120.	4.2	9
64	Updated clinical and biological information from the two-stage phase II study of imatinib mesylate in subjects with relapsed/refractory neuroblastoma. <i>Oncolmmunology</i> , 2018, 7, e1468953.	4.6	9
65	Recombinant antibodies in the immunotherapy of neuroblastoma: perspectives of new developments. <i>Cancer Letters</i> , 2003, 197, 193-198.	7.2	8
66	New immunotherapeutic strategies for the treatment of neuroblastoma. <i>Immunotherapy</i> , 2015, 7, 285-300.	2.0	8
67	Retinoids Delivery Systems in Cancer: Liposomal Fenretinide for Neuroectodermal-Derived Tumors. <i>Pharmaceuticals</i> , 2021, 14, 854.	3.8	8
68	Restricted ROC curves are useful tools to evaluate the performance of tumour markers. <i>Statistical Methods in Medical Research</i> , 2016, 25, 294-314.	1.5	7
69	Event-free survival of infants and toddlers enrolled in the HRNBL1/SIOPEN trial is associated with the level of neuroblastoma mRNAs at diagnosis. <i>Pediatric Blood and Cancer</i> , 2018, 65, e27052.	1.5	7
70	Potential Role of miRNAs in the Acquisition of Chemoresistance in Neuroblastoma. <i>Journal of Personalized Medicine</i> , 2021, 11, 107.	2.5	7
71	Different subcellular localization of ALCAM molecules in neuroblastoma: Association with relapse. <i>Cellular Oncology</i> , 2010, 32, 77-86.	1.9	7
72	Bioavailability of antisense oligonucleotides in neuroblastoma cells: comparison of efficacy among different types of molecules. <i>Journal of Neuro-Oncology</i> , 1997, 31, 171-180.	2.9	6

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73	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.	1.9	6
74	A novel syngeneic murine model for thoracic neuroblastoma obtained by intramediastinal injection of tumor cells. <i>Cancer Detection and Prevention</i> , 2002, 26, 468-475.	2.1	5
75	Detection of cell-free RNA in children with neuroblastoma and comparison with that of whole blood cell RNA. <i>Pediatric Blood and Cancer</i> , 2010, 54, 897-903.	1.5	5
76	Seasonal variations of date of diagnosis and birth for neuroblastoma patients in Italy. <i>Cancer Epidemiology</i> , 2013, 37, 575-578.	1.9	5
77	Bone Marrow Environment in Metastatic Neuroblastoma. <i>Cancers</i> , 2021, 13, 2467.	3.7	5
78	Diagnostic identification of malignant cells in the cerebrospinal fluid by tumor-specific qRT-PCR. <i>Clinical and Experimental Metastasis</i> , 2006, 23, 223-226.	3.3	4
79	Metastatic progression in infants diagnosed with stage 4S neuroblastoma. A study of the Italian Neuroblastoma Registry. <i>Pediatric Blood and Cancer</i> , 2021, 68, e28904.	1.5	3
80	Cloning and sequencing of isoform-specific regions of human Ca ²⁺ -independent protein kinase C (PKC)-encoding genes. <i>Gene</i> , 1994, 141, 307-308.	2.2	2
81	Umbilical Cord Blood Transplantation: Should Perinatal Solid Cancer Become a Matter of Concern?. <i>Journal of the National Cancer Institute</i> , 2008, 100, 1822-1823.	6.3	2
82	Why Do Cancer Omics Attract Clinicians So Much?. <i>OMICS A Journal of Integrative Biology</i> , 2011, 15, 123-124.	2.0	2
83	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.	1.8	2
84	A new peptide analog (RM06) modulates the growth of hematopoietic cells. <i>International Journal of Immunopharmacology</i> , 1991, 13, 1005-1012.	1.1	1
85	Expression of MAGE-1, MAGE-3 and MART-1 genes in neuroblastoma. , 1996, 69, 403.		1
86	Bilateral adrenal primary tumor in Stage 4S neuroblastoma: The Italian experience and review of the literature. <i>Pediatric Hematology and Oncology</i> , 2022, 39, 441-452.	0.8	1
87	Comparison of different techniques and markers in the detection of neuroblastoma cells in bone marrow and peripheral blood samples: are they really equivalent?. <i>Targeted Oncology</i> , 2006, 1, 97-99.	3.6	0
88	Different Subcellular Localization of ALCAM Molecules in Neuroblastoma: Association with Relapse. <i>Analytical Cellular Pathology</i> , 2010, 32, 77-86.	1.4	0
89	Role of Bone Marrow Infiltration Detected by Sensitive Methods in Patients with Localized Neuroblastoma. <i>Pediatric Cancer</i> , 2012, , 237-245.	0.0	0
90	Neuroblastoma: Perspectives for the Use of IL-21 in Immunotherapy. <i>Pediatric Cancer</i> , 2012, , 125-135.	0.0	0