

# Luigi Frati

## List of Publications by Year in descending order

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73  
papers

3,602  
citations

126907

33  
h-index

133252

59  
g-index

74  
all docs

74  
docs citations

74  
times ranked

4757  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Brain white-matter volume loss and glucose hypometabolism precede the clinical symptoms of Huntington's disease. <i>Journal of Nuclear Medicine</i> , 2006, 47, 215-22.  | 5.0 | 201       |
| 2  | Combined expression of pT1± and Notch3 in T cell leukemia identifies the requirement of preTCR for leukemogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 3788-3793.     | 7.1 | 184       |
| 3  | Expression pattern of Notch1, 2 and 3 and Jagged1 and 2 in lymphoid and stromal thymus components: distinct ligandâ€ receptor interactions in intrathymic T cell development. <i>International Immunology</i> , 1999, 11, 1017-1025. | 4.0 | 180       |
| 4  | Human MRE11 is inactivated in mismatch repairâ€ deficient cancers. <i>EMBO Reports</i> , 2002, 3, 248-254.   | 4.5 | 169       |
| 5  | HE4: a new potential early biomarker for the recurrence of ovarian cancer. <i>Tumor Biology</i> , 2010, 31, 113-119.   | 1.8 | 159       |
| 6  | Tissue plasminogen activator controls multiple forms of synaptic plasticity and memory. <i>European Journal of Neuroscience</i> , 2000, 12, 1002-1012.   | 2.6 | 158       |
| 7  | Involvement of p21ras activation in T cell CD69 expression. <i>European Journal of Immunology</i> , 1994, 24, 616-620.   | 2.9 | 149       |
| 8  | Notch3 and pre-TCR interaction unveils distinct NF-ÎB pathways in T-cell development and leukemia. <i>EMBO Journal</i> , 2006, 25, 1000-1008.  | 7.8 | 130       |
| 9  | Expression of Activated Notch3 in Transgenic Mice Enhances Generation of T Regulatory Cells and Protects against Experimental Autoimmune Diabetes. <i>Journal of Immunology</i> , 2003, 171, 4504-4511.                              | 0.8 | 120       |
| 10 | Triple-negative breast cancer: new perspectives for targeted therapies. <i>OncoTargets and Therapy</i> , 2015, 8, 177.   | 2.0 | 109       |
| 11 | Mutations of an intronic repeat induce impaired MRE11 expression in primary human cancer with microsatellite instability. <i>Oncogene</i> , 2004, 23, 2640-2647.   | 5.9 | 101       |
| 12 | Evidence for nuclear internalization of exogenous DNA into mammalian sperm cells. <i>Molecular Reproduction and Development</i> , 1993, 34, 133-139.   | 2.0 | 100       |
| 13 | bcl-2/bax mRNA expression ratio as prognostic factor in low-grade urinary bladder cancer. , 1996, 69, 100-104.   |     | 95        |
| 14 | Survivin, bcl-2, bax, and bcl-X Gene Expression in Sentinel Lymph Nodes From Melanoma Patients. <i>Journal of Clinical Oncology</i> , 2003, 21, 306-312.   | 1.6 | 90        |
| 15 | Continuous in vivo activation and transient hyporesponsiveness to TcR/CD3 triggering of human gut lamina propria lymphocytes. <i>European Journal of Immunology</i> , 1993, 23, 3104-3108.   | 2.9 | 77        |
| 16 | Notch3 and the Notch3-upregulated RNA-binding protein HuD regulate Ikaros alternative splicing. <i>EMBO Journal</i> , 2007, 26, 1670-1680.   | 7.8 | 74        |
| 17 | Notch3 and Canonical NF-ÎB Signaling Pathways Cooperatively Regulate Foxp3 Transcription. <i>Journal of Immunology</i> , 2011, 186, 6199-6206.   | 0.8 | 73        |
| 18 | Co-localization of multiple ErbB receptors in stratified epithelium of oral squamous cell carcinoma. <i>Journal of Pathology</i> , 2001, 195, 343-348.   | 4.5 | 69        |

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|----|--|-----|-----------|
| 19 | Pre-TCR-triggered ERK signalling-dependent downregulation of E2A activity in Notch3-induced T-cell lymphoma. <i>EMBO Reports</i> , 2003, 4, 1067-1071.   | 4.5 | 69        |
| 20 | Distinct Brain Volume Changes Correlating with Clinical Stage, Disease Progression Rate, Mutation Size, and Age at Onset Prediction as Early Biomarkers of Brain Atrophy in Huntington's Disease. <i>CNS Neuroscience and Therapeutics</i> , 2009, 15, 1-11. | 3.9 | 69        |
| 21 | PKC $\delta$ mediates pre-TCR signaling and contributes to Notch3-induced T-cell leukemia. <i>Oncogene</i> , 2005, 24, 992-1000.   | 5.9 | 67        |
| 22 | CD69-triggered ERK activation and functions are negatively regulated by CD94 / NKG2-A inhibitory receptor. <i>European Journal of Immunology</i> , 2000, 30, 644-651.  | 2.9 | 66        |
| 23 | Early defect of transforming growth factor $\beta$ 1 formation in Huntington's disease. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 555-571.   | 3.6 | 64        |
| 24 | In Vivo modulation of the distribution of thymocyte subsets: Effects of estrogen on the expression of different T cell receptor $\gamma$ gene families in CD4 $^{+}$ , CD8 $^{+}$ thymocytes. <i>Cellular Immunology</i> , 1991, 134, 414-426.               | 3.0 | 53        |
| 25 | Riluzole protects Huntington disease patients from brain glucose hypometabolism and grey matter volume loss and increases production of neurotrophins. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009, 36, 1113-1120.              | 6.4 | 52        |
| 26 | Role of HE4, CA72.4, and CA125 in monitoring ovarian cancer. <i>Tumor Biology</i> , 2012, 33, 1335-1339.   | 1.8 | 52        |
| 27 | Microsatellite instability and pathological aspects of breast cancer. <i>International Journal of Cancer</i> , 1995, 64, 264-268.  | 5.1 | 50        |
| 28 | Ovarian tumor marker HE4 is differently expressed during the phases of the menstrual cycle in healthy young women. <i>Tumor Biology</i> , 2010, 31, 411-415.   | 1.8 | 50        |
| 29 | Mutations at coding mononucleotide repeats in gastric cancer with the microsatellite mutator phenotype. <i>Oncogene</i> , 1998, 16, 2767-2772.   | 5.9 | 43        |
| 30 | Differential expression of granzyme A and granzyme B proteases and their secretion by fresh rat natural killer cells (NK) and lymphokine-activated killer cells with NK phenotype (LAK-NK). <i>European Journal of Immunology</i> , 1992, 22, 1049-1053.     | 2.9 | 38        |
| 31 | Identification of an Estrogen-Mediated Deoxyribonucleic Acid-Binding Independent Transactivation Pathway on the Epidermal Growth Factor Receptor Gene Promoter*. <i>Endocrinology</i> , 2000, 141, 2266-2274.  | 2.8 | 38        |
| 32 | Notch, a unifying target in T-cell acute lymphoblastic leukemia?. <i>Trends in Molecular Medicine</i> , 2003, 9, 30-35.  | 6.7 | 37        |
| 33 | Cross talk among Notch3, pre-TCR, and Tal1 in T-cell development and leukemogenesis. <i>Blood</i> , 2006, 107, 3313-3320.  | 1.4 | 37        |
| 34 | Transcriptional regulation of interleukin-2 gene expression by CD69-generated signals. <i>European Journal of Immunology</i> , 1993, 23, 2993-2997.  | 2.9 | 36        |
| 35 | Two gamma-interferon-activation sites (GAS) on the promoter of the human intercellular adhesion molecule (ICAM-1) gene are required for induction of transcription by IFN-gamma. <i>FEBS Journal</i> , 1998, 258, 968-975.                                   | 0.2 | 35        |
| 36 | Epstein-Barr virus infection induces miR-21 in terminally differentiated malignant B cells. <i>International Journal of Cancer</i> , 2015, 137, 1491-1497.   | 5.1 | 34        |

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|----|---|-----|-----------|
| 37 | Isolation of MUC1-primed B lymphocytes from tumour-draining lymph nodes by immunomagnetic beads. <i>Cancer Immunology, Immunotherapy</i> , 1999, 47, 272-277.   | 4.2 | 31        |
| 38 | High cell kinetics is associated with amplification of theint-2,bcl-1,myc anderbB-2 proto-oncogenes and loss of heterozygosity at the DF3 locus in primary breast cancers. <i>International Journal of Cancer</i> , 1995, 61, 1-6.                                    | 5.1 | 28        |
| 39 | CD16-mediated activation of phosphatidylinositol-3 kinase (PI-3K) in human NK cells involves tyrosine phosphorylation of Cbl and its association with Grb2, Shc, pp36 and p85 PI-3K subunit. <i>European Journal of Immunology</i> , 1998, 28, 1005-1015.             | 2.9 | 28        |
| 40 | The adaptor protein shc is involved in the negative regulation of NK cell-mediated cytotoxicity. <i>European Journal of Immunology</i> , 2001, 31, 2016-2025.   | 2.9 | 28        |
| 41 | Notch3 and pTÎ±/pre-TCR sustain the in vivo function of naturally occurring regulatory T cells. <i>International Immunology</i> , 2009, 21, 727-743.  | 4.0 | 28        |
| 42 | Tyrosine kinase-dependent activation of human NK cell functions upon triggering through CD44 receptor. <i>European Journal of Immunology</i> , 1996, 26, 2807-2811.   | 2.9 | 27        |
| 43 | Pre-TCR-triggered ERK signalling-dependent downregulation of E2A activity in Notch3-induced T-cell lymphoma. <i>EMBO Reports</i> , 2003, 4, 1067-1071.  | 4.5 | 24        |
| 44 | Cloning of a novel human RNA polymerase II subunit downregulated by doxorubicin: new potential mechanisms of drug related toxicity. <i>FEBS Letters</i> , 1996, 384, 48-52.   | 2.8 | 22        |
| 45 | HE4 combined with MDCT imaging is a good marker in the evaluation of disease extension in advanced epithelial ovarian carcinoma. <i>Tumor Biology</i> , 2012, 33, 1291-1298.  | 1.8 | 22        |
| 46 | Effect of <i>Serenoa repens</i> (Permixon®) on the expression of inflammation-related genes: analysis in primary cell cultures of human prostate carcinoma. <i>Journal of Inflammation</i> , 2013, 10, 11.  | 3.4 | 22        |
| 47 | Continuous intra-arterial administration of recombinant interleukin-2 in low-stage bladder cancer. A phase IB study. <i>Cancer</i> , 1991, 68, 56-61.   | 4.1 | 21        |
| 48 | Tyrosine kinase-dependent ubiquitination of CD16 ð subunit in human NK cells following receptor engagement. <i>European Journal of Immunology</i> , 1999, 29, 3179-3187.  | 2.9 | 21        |
| 49 | Hepatitis C virus present in the sera of infected patients interferes with the autophagic process of monocytes impairing their in-vitro differentiation into dendritic cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 1348-1355. | 4.1 | 21        |
| 50 | Concurrent Chemoimmunotherapy in Metastatic Clear Cell Sarcoma: A Case Report. <i>Tumori</i> , 1999, 85, 512-514.   | 1.1 | 19        |
| 51 | Granzyme A expression by normal rat natural killer (NK) cellsin vivo and by interleukin 2-activated NK cellsin vitro. <i>European Journal of Immunology</i> , 1989, 19, 575-578.  | 2.9 | 15        |
| 52 | Thrombospondin-1 Is a Mediator of the Neurotypic Differentiation Induced by EGF in Thymic Epithelial Cells. <i>Experimental Cell Research</i> , 1999, 248, 79-86.   | 2.6 | 15        |
| 53 | New mutations and protein variants ofNBS1 are identified in cancer cell lines. <i>Genes Chromosomes and Cancer</i> , 2003, 36, 198-204.   | 2.8 | 15        |
| 54 | Protein induced by vitamin K absence or antagonist-II (PIVKA-II) specifically increased in Italian hepatocellular carcinoma patients. <i>Scandinavian Journal of Gastroenterology</i> , 2016, 51, 1257-1262.  | 1.5 | 14        |

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|----|--|-----|-----------|
| 55 | Modulation of natural killer (NK) cell activity during FLV-P virus infection of mice. International Journal of Cancer, 1983, 31, 81-90.  | 5.1 | 13        |
| 56 | HE4 in the Differential Diagnosis of a Pelvic Mass: A Case Report. International Journal of Molecular Sciences, 2011, 12, 627-632.   | 4.1 | 9         |
| 57 | Identification of an Estrogen-Mediated Deoxyribonucleic Acid-Binding Independent Transactivation Pathway on the Epidermal Growth Factor Receptor Gene Promoter. Endocrinology, 2000, 141, 2266-2274. | 2.8 | 9         |
| 58 | Origin and Gender Determination of Dried Blood on a Statue of the Virgin Mary. Journal of Forensic Sciences, 1998, 43, 431-434.  | 1.6 | 7         |
| 59 | Augmentation of leukocyte infiltration in murine tumors expressing B-cell derived but not nasopharyngeal carcinoma derived EBV membrane protein LMP1. , 2000, 60, 417-424.                           |     | 5         |
| 60 | Molecular medicine: predicting and preventing Huntingtonâ€™s disease. Neurological Sciences, 2008, 29, 205-207.  | 1.9 | 5         |
| 61 | Novel deletion at codon 1254 of the BRCA1 gene in an Italian breast cancer kindred. Human Mutation, 1998, 11, S237-S239.   | 2.5 | 4         |
| 62 | CD69-triggered ERK activation and functions are negatively regulated by CD94â€™/â€™NKG2-A inhibitory receptor. European Journal of Immunology, 2000, 30, 644-651.                                    | 2.9 | 4         |
| 63 | Involvement of an Arachidonic-Acid-Dependent Pathway in the Interferon-beta-Mediated Expression of C202 Gene in Ehrlich-Ascites-Tumor Cells. FEBS Journal, 1996, 235, 91-96.                         | 0.2 | 3         |
| 64 | BAX Gene Expression in Melanoma Metastases. Journal of Investigative Dermatology, 1996, 106, 382.  | 0.7 | 3         |
| 65 | Augmentation of Mouse Natural Killer (NK) Activity by GM-1/P, A Processed form of Monosialoganglioside GM-1. Immunopharmacology and Immunotoxicology, 1990, 12, 545-563.                             | 2.4 | 2         |
| 66 | Enhancement of Lymphocyte Proliferation and Il-2 Receptor Expression by A Processed Form (Gm-1/P) of Monosialoganglioside GM-1. Immunopharmacology and Immunotoxicology, 1990, 12, 565-582.          | 2.4 | 2         |
| 67 | Tenascin C: A defensive role in sentinel lymph nodes of melanoma patients?. Journal of Dermatological Science, 2009, 53, 239-241.  | 1.9 | 2         |
| 68 | Implementing the Risk of Ovarian Malignancy Algorithm Adding Obesity as a Predictive Factor. Anticancer Research, 2016, 36, 6425-6430.   | 1.1 | 2         |
| 69 | Inhibition of NK Cell Generation by Corynebacterium Parvum. Immunopharmacology and Immunotoxicology, 1991, 13, 513-529.  | 2.4 | 1         |
| 70 | CD69-triggered ERK activation and functions are negatively regulated by CD94â€™/â€™NKG2-A inhibitory receptor. , 2000, 30, 644.  |     | 1         |
| 71 | Circulating MUC1 Levels (CA15.3) in Myeloproliferative Disorders (MPD). Blood, 2008, 112, 5237-5237.   | 1.4 | 1         |
| 72 | Characterization of Corynebacterium Parvum-Induced Suppressor Cells of Mouse NK and ADCC Activity. Immunopharmacology and Immunotoxicology, 1990, 12, 363-387.                                       | 2.4 | 0         |

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|----|--|-----|-----------|
| 73 | Liver CT evaluation using a software that automatically generates report according to RECIST 1.1 criteria.. Journal of Clinical Oncology, 2012, 30, e14096-e14096. | 1.6 | 0         |