

Giuseppe Biamonti

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

6,490
citations

53794

45
h-index

66911

78
g-index

98
all docs

98
docs citations

98
times ranked

7122
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Alternative Splicing in Alzheimer's disease. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 747-758. | 2.9 | 37 |
| 2 | Reduced levels of prostaglandin I ₂ synthase: a distinctive feature of the cancer-free trichothiodystrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 7.1 | 8 |
| 3 | An Intricate Connection between Alternative Splicing and Phenotypic Plasticity in Development and Cancer. <i>Cells</i> , 2020, 9, 34. | 4.1 | 21 |
| 4 | Heat Shock Affects Mitotic Segregation of Human Chromosomes Bound to Stress-Induced Satellite III RNAs. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2812. | 4.1 | 15 |
| 5 | From "Cellular" RNA to "Smart" RNA: Multiple Roles of RNA in Genome Stability and Beyond. <i>Chemical Reviews</i> , 2018, 118, 4365-4403. | 47.7 | 63 |
| 6 | The Krebs Cycle Connection: Reciprocal Influence Between Alternative Splicing Programs and Cell Metabolism. <i>Frontiers in Oncology</i> , 2018, 8, 408. | 2.8 | 14 |
| 7 | First dual AK/GSK-3 β inhibitors endowed with antioxidant properties as multifunctional, potential neuroprotective agents. <i>European Journal of Medicinal Chemistry</i> , 2017, 138, 438-457. | 5.5 | 33 |
| 8 | A missense MT-ND5 mutation in differentiated Parkinson Disease cytoplasmic hybrid induces ROS-dependent DNA Damage Response amplified by DROSHA. <i>Scientific Reports</i> , 2017, 7, 9528. | 3.3 | 20 |
| 9 | The alternative splicing factor Nova2 regulates vascular development and lumen formation. <i>Nature Communications</i> , 2015, 6, 8479. | 12.8 | 50 |
| 10 | Studies on the ATP Binding Site of Fyn Kinase for the Identification of New Inhibitors and Their Evaluation as Potential Agents against Tauopathies and Tumors. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 4590-4609. | 6.4 | 31 |
| 11 | hnRNP L inhibits CD44 V10 exon splicing through interacting with its upstream intron. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2015, 1849, 743-750. | 1.9 | 19 |
| 12 | DNA-protein interaction dynamics at the Lamin B2 replication origin. <i>Cell Cycle</i> , 2015, 14, 64-73. | 2.6 | 6 |
| 13 | Chronic Replication Problems Impact Cell Morphology and Adhesion of DNA Ligase I Defective Cells. <i>PLoS ONE</i> , 2015, 10, e0130561. | 2.5 | 4 |
| 14 | Molecular mechanisms of etoposide. <i>EXCLI Journal</i> , 2015, 14, 95-108. | 0.7 | 172 |
| 15 | CorrelGenes: a new tool for the interpretation of the human transcriptome. <i>BMC Bioinformatics</i> , 2014, 15, S6. | 2.6 | 4 |
| 16 | The alternative splicing side of cancer. <i>Seminars in Cell and Developmental Biology</i> , 2014, 32, 30-36. | 5.0 | 93 |
| 17 | SRSF2 promotes splicing and transcription of exon 11 included isoform in Ron proto-oncogene. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014, 1839, 1132-1140. | 1.9 | 21 |
| 18 | A 2-nt RNA enhancer on exon 11 promotes exon 11 inclusion of the Ron proto-oncogene. <i>Oncology Reports</i> , 2014, 31, 450-455. | 2.6 | 3 |

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|----|---|------|-----------|
| 19 | Oncogenic Alternative Splicing Switches: Role in Cancer Progression and Prospects for Therapy. <i>International Journal of Cell Biology</i> , 2013, 2013, 1-17. | 2.5 | 89 |
| 20 | HnRNP A1 controls a splicing regulatory circuit promoting mesenchymal-to-epithelial transition. <i>Nucleic Acids Research</i> , 2013, 41, 8665-8679. | 14.5 | 77 |
| 21 | Pre-mRNA processing factors meet the DNA damage response. <i>Frontiers in Genetics</i> , 2013, 4, 102. | 2.3 | 58 |
| 22 | Alternative Splicing of Tumor Suppressors and Oncogenes. <i>Cancer Treatment and Research</i> , 2013, 158, 95-117. | 0.5 | 6 |
| 23 | Phosphorylation of SRSF1 is modulated by replicational stress. <i>Nucleic Acids Research</i> , 2012, 40, 1106-1117. | 14.5 | 31 |
| 24 | Alternative Splicing and Cancer. <i>Journal of Nucleic Acids</i> , 2012, 2012, 1-2. | 1.2 | 6 |
| 25 | Making alternative splicing decisions during epithelial-to-mesenchymal transition (EMT). <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 2515-2526. | 5.4 | 56 |
| 26 | Correlagenes: a new tool for the interpretation of the human transcriptome. <i>EMBnet Journal</i> , 2012, 18, 103. | 0.6 | 1 |
| 27 | Transcription of Satellite DNAs in Mammals. <i>Progress in Molecular and Subcellular Biology</i> , 2011, 51, 95-118. | 1.6 | 47 |
| 28 | Sam68 regulates EMT through alternative splicing and activated nonsense-mediated mRNA decay of the SF2/ASF proto-oncogene. <i>Journal of Cell Biology</i> , 2010, 191, 87-99. | 5.2 | 146 |
| 29 | Nuclear Stress Bodies. <i>Cold Spring Harbor Perspectives in Biology</i> , 2010, 2, a000695-a000695. | 5.5 | 188 |
| 30 | Homeotic proteins participate in the function of human-DNA replication origins. <i>Nucleic Acids Research</i> , 2010, 38, 8105-8119. | 14.5 | 23 |
| 31 | Pro-metastatic splicing of Ron proto-oncogene mRNA can be reversed: Therapeutic potential of bifunctional oligonucleotides and indole derivatives. <i>RNA Biology</i> , 2010, 7, 495-503. | 3.1 | 65 |
| 32 | DNA replication, development and cancer: a homeotic connection?. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2010, 45, 14-22. | 5.2 | 17 |
| 33 | DNA ligase I and Nbs1 proteins associate in a complex and colocalize at replication factories. <i>Cell Cycle</i> , 2009, 8, 2600-2607. | 2.6 | 10 |
| 34 | DNA Ligase I Deficiency Leads to Replication-Dependent DNA Damage and Impacts Cell Morphology without Blocking Cell Cycle Progression. <i>Molecular and Cellular Biology</i> , 2009, 29, 2032-2041. | 2.3 | 41 |
| 35 | Cellular stress and RNA splicing. <i>Trends in Biochemical Sciences</i> , 2009, 34, 146-153. | 7.5 | 181 |
| 36 | Constitutive heterochromatin: a surprising variety of expressed sequences. <i>Chromosoma</i> , 2009, 118, 419-435. | 2.2 | 55 |

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|----|--|------|-----------|
| 37 | Alternative Splicing and Tumor Progression. <i>Current Genomics</i> , 2008, 9, 556-570. | 1.6 | 152 |
| 38 | Transcription of Satellite III non-coding RNAs is a general stress response in human cells. <i>Nucleic Acids Research</i> , 2008, 36, 423-434. | 14.5 | 353 |
| 39 | Molecular and Structural Transactions at Human DNA Replication Origins. <i>Cell Cycle</i> , 2007, 6, 1705-1712. | 2.6 | 28 |
| 40 | Cellular response to etoposide treatment. <i>Cancer Letters</i> , 2007, 252, 9-18. | 7.2 | 205 |
| 41 | Functional interactions of DNA topoisomerases with a human replication origin. <i>EMBO Journal</i> , 2007, 26, 998-1009. | 7.8 | 45 |
| 42 | SAFB re-distribution marks steps of the apoptotic process. <i>Experimental Cell Research</i> , 2007, 313, 3914-3923. | 2.6 | 20 |
| 43 | The Dispersal of Replication Proteins after Etoposide Treatment Requires the Cooperation of Nbs1 with the Ataxia Telangiectasia Rad3-Related/Chk1 Pathway. <i>Cancer Research</i> , 2006, 66, 1675-1683. | 0.9 | 41 |
| 44 | Structural and Functional Characterization of Noncoding Repetitive RNAs Transcribed in Stressed Human Cells. <i>Molecular Biology of the Cell</i> , 2005, 16, 2597-2604. | 2.1 | 115 |
| 45 | Cell Motility Is Controlled by SF2/ASF through Alternative Splicing of the Ron Protooncogene. <i>Molecular Cell</i> , 2005, 20, 881-890. | 9.7 | 339 |
| 46 | A single polypyrimidine tract binding protein (PTB) binding site mediates splicing inhibition at mouse IgM exons M1 and M2. <i>Rna</i> , 2004, 10, 787-794. | 3.5 | 48 |
| 47 | Modular Structure of the Human Lamin B2 Replicator. <i>Molecular and Cellular Biology</i> , 2004, 24, 2958-2967. | 2.3 | 82 |
| 48 | Subnuclear distribution of the largest subunit of the human origin recognition complex during the cell cycle. <i>Journal of Cell Science</i> , 2004, 117, 5221-5231. | 2.0 | 46 |
| 49 | RNA recognition motif 2 directs the recruitment of SF2/ASF to nuclear stress bodies. <i>Nucleic Acids Research</i> , 2004, 32, 4127-4136. | 14.5 | 44 |
| 50 | Transcriptional Activation of a Constitutive Heterochromatic Domain of the Human Genome in Response to Heat Shock. <i>Molecular Biology of the Cell</i> , 2004, 15, 543-551. | 2.1 | 170 |
| 51 | Nuclear stress bodies: a heterochromatin affair?. <i>Nature Reviews Molecular Cell Biology</i> , 2004, 5, 493-498. | 37.0 | 82 |
| 52 | Is DNA sequence sufficient to specify DNA replication origins in metazoan cells?. <i>Chromosome Research</i> , 2003, 11, 403-412. | 2.2 | 24 |
| 53 | Early mitotic degradation of the homeoprotein HOXC10 is potentially linked to cell cycle progression. <i>EMBO Journal</i> , 2003, 22, 3715-3724. | 7.8 | 86 |
| 54 | Cell Cycle-dependent Phosphorylation of Human DNA Ligase I at the Cyclin-dependent Kinase Sites. <i>Journal of Biological Chemistry</i> , 2003, 278, 37761-37767. | 3.4 | 36 |

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|----|---|------|-----------|
| 55 | Human Chromosomes 9, 12, and 15 Contain the Nucleation Sites of Stress-Induced Nuclear Bodies. <i>Molecular Biology of the Cell</i> , 2002, 13, 2069-2079. | 2.1 | 89 |
| 56 | DNA ligase I is dephosphorylated during the execution step of etoposide-induced apoptosis. <i>Cell Death and Differentiation</i> , 2002, 9, 89-90. | 11.2 | 16 |
| 57 | Cell cycle-dependent dynamic association of cyclin/Cdk complexes with human DNA replication proteins. <i>EMBO Journal</i> , 2002, 21, 2485-2495. | 7.8 | 42 |
| 58 | Stress-induced Nuclear Bodies Are Sites of Accumulation of Pre-mRNA Processing Factors. <i>Molecular Biology of the Cell</i> , 2001, 12, 3502-3514. | 2.1 | 155 |
| 59 | Etoposide Induces the Dispersal of DNA Ligase I from Replication Factories. <i>Molecular Biology of the Cell</i> , 2001, 12, 2109-2118. | 2.1 | 29 |
| 60 | Selection of homeotic proteins for binding to a human DNA replication origin 1 Edited by M. Yaniv. <i>Journal of Molecular Biology</i> , 2000, 299, 667-680. | 4.2 | 43 |
| 61 | Start Sites of Bidirectional DNA Synthesis at the Human Lamin B2 Origin. <i>Science</i> , 2000, 287, 2023-2026. | 12.6 | 171 |
| 62 | The replication factory targeting sequence/PCNA-binding site is required in G1 to control the phosphorylation status of DNA ligase I. <i>EMBO Journal</i> , 1999, 18, 5745-5754. | 7.8 | 68 |
| 63 | Cell cycle modulation of protein-DNA interactions at a human replication origin. <i>EMBO Journal</i> , 1998, 17, 2961-2969. | 7.8 | 58 |
| 64 | DNA ligase I is recruited to sites of DNA replication by an interaction with proliferating cell nuclear antigen: identification of a common targeting mechanism for the assembly of replication factories. <i>EMBO Journal</i> , 1998, 17, 3786-3795. | 7.8 | 179 |
| 65 | Functional characterization of the T4 DNA ligase: a new insight into the mechanism of action. <i>Nucleic Acids Research</i> , 1997, 25, 2106-2113. | 14.5 | 78 |
| 66 | Growth-Dependent and Growth-Independent Translation of Messengers for Heterogeneous Nuclear Ribonucleoproteins. <i>Nucleic Acids Research</i> , 1997, 25, 3950-3954. | 14.5 | 21 |
| 67 | Sequence Determinants for hnRNP I Protein Nuclear Localization. <i>Experimental Cell Research</i> , 1997, 235, 300-304. | 2.6 | 22 |
| 68 | A repeated element in the human lamin B2 gene covers most of an intron and reiterates the exon/intron junction. <i>Gene</i> , 1997, 196, 267-277. | 2.2 | 1 |
| 69 | hnRNP A1 Selectively Interacts Through its Gly-rich Domain with Different RNA-binding Proteins. <i>Journal of Molecular Biology</i> , 1996, 259, 337-348. | 4.2 | 172 |
| 70 | In vivo protein-DNA interactions at human DNA replication origin.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 1498-1503. | 7.1 | 50 |
| 71 | Identification of autoantibodies to the I protein of the heterogeneous nuclear ribonucleoprotein complex in patients with systemic sclerosis. <i>Arthritis and Rheumatism</i> , 1996, 39, 1669-1676. | 6.7 | 26 |
| 72 | The roles of heterogeneous nuclear ribonucleoproteins (hnRNP) in RNA metabolism. <i>BioEssays</i> , 1996, 18, 747-756. | 2.5 | 199 |

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|----|---|------|-----------|
| 73 | Late induction of human DNA ligase I after UV-C irradiation. <i>Nucleic Acids Research</i> , 1995, 23, 962-966. | 14.5 | 31 |
| 74 | Two homologous genes, originated by duplication, encode the human hnRNP proteins A2 and A1. <i>Nucleic Acids Research</i> , 1994, 22, 1996-2002. | 14.5 | 61 |
| 75 | Human hnRNP protein A1: A model polypeptide for a structural and genetic investigation of a broad family of RNA binding proteins. <i>Genetica</i> , 1994, 94, 101-114. | 1.1 | 14 |
| 76 | New insights into the auxiliary domains of eukaryotic RNA binding proteins. <i>FEBS Letters</i> , 1994, 340, 1-8. | 2.8 | 73 |
| 77 | Cloning and sequence analysis of a cDNA coding for the murine DNA ligase I enzyme. <i>Gene</i> , 1994, 144, 253-257. | 2.2 | 17 |
| 78 | Fine mapping of a replication origin of human DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 7119-7123. | 7.1 | 180 |
| 79 | Human hnRNP Protein A1 Gene Expression. <i>Journal of Molecular Biology</i> , 1993, 230, 77-89. | 4.2 | 53 |
| 80 | Searching for replication origins in mammalian DNA. <i>Gene</i> , 1993, 135, 125-135. | 2.2 | 14 |
| 81 | DNA ligase I gene expression during differentiation and cell proliferation. <i>Nucleic Acids Research</i> , 1992, 20, 6209-6214. | 14.5 | 51 |
| 82 | A novel procedure for quantitative polymerase chain reaction by coamplification of competitive templates. <i>Gene</i> , 1992, 122, 313-320. | 2.2 | 260 |
| 83 | Assignment of the human heterogeneous nuclear ribonucleoprotein A1 gene (HNRPA1) to chromosome 12q13.1 by cDNA competitive in situ hybridization. <i>Genomics</i> , 1992, 12, 171-174. | 2.9 | 14 |
| 84 | A human DNA replication origin: localization and transcriptional characterization. <i>Chromosoma</i> , 1992, 102, S24-S31. | 2.2 | 44 |
| 85 | The specific binding of nuclear protein(s) to the cAMP responsive element (CRE) sequence (TGACGTCA) is reduced by the misincorporation of U and increased by the deamination of C. <i>Nucleic Acids Research</i> , 1990, 18, 5775-5780. | 14.5 | 72 |
| 86 | Recombinant hnRNP protein A1 and its N-terminal domain show preferential affinity for oligodeoxynucleotides homologous to intron/exon acceptor sites. <i>Nucleic Acids Research</i> , 1990, 18, 6595-6600. | 14.5 | 70 |
| 87 | Isolation of an active gene encoding human hnRNP protein A1. <i>Journal of Molecular Biology</i> , 1989, 207, 491-503. | 4.2 | 81 |
| 88 | A protein target site in an early replicated human DNA sequence: A highly conserved binding motif. <i>Biochemical and Biophysical Research Communications</i> , 1989, 165, 956-965. | 2.1 | 13 |
| 89 | Presence of transcription signals in two putative DNA replication origins of human cells. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1988, 951, 430-442. | 2.4 | 27 |
| 90 | cDNA cloning of human hnRNP protein A1 reveals the existence of multiple mRNA isoforms. <i>Nucleic Acids Research</i> , 1988, 16, 3751-3770. | 14.5 | 120 |

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| 91 | Hybridization of oligodeoxynucleotide probes to RNA molecules: specificity and stability of duplexes. <i>Nucleic Acids Research</i> , 1987, 15, 9091-9091. | 14.5 | 18 |
| 92 | Characterization of human DNA sequences synthesized at the onset of S-phase. <i>Nucleic Acids Research</i> , 1987, 15, 10211-10232. | 14.5 | 43 |
| 93 | Large-scale purification of hnRNP proteins from HeLa cells by affinity chromatography on ssDNA-cellulose. <i>FEBS Journal</i> , 1987, 162, 213-220. | 0.2 | 31 |
| 94 | Fate of exogenous recombinant plasmids introduced into mouse and human cells. <i>Nucleic Acids Research</i> , 1985, 13, 5545-5561. | 14.5 | 39 |
| 95 | Mammalian single-stranded DNA binding proteins and heterogeneous nuclear RNA proteins have common antigenic determinants. <i>Nucleic Acids Research</i> , 1985, 13, 337-346. | 14.5 | 52 |
| 96 | Single stranded DNA binding proteins derive from hnRNP proteins by proteolysis in mammalian cells. <i>Nucleic Acids Research</i> , 1985, 13, 6577-6590. | 14.5 | 45 |
| 97 | Structural and functional heterogeneity of single-stranded DNA-binding proteins from calf thymus. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1984, 782, 147-155. | 2.4 | 14 |
| 98 | A DNA dependent ATPase from HeLa cells. <i>Biochemical and Biophysical Research Communications</i> , 1982, 104, 402-409. | 2.1 | 7 |