# Alessandro Provenzani

List of Publications by Year
in descending order



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|---|---|---|---|
| 56 papers | 2,495 citations | 186209 28 h-index | 197736 49 g-index |
| 59 all docs | 59 docs citations | 59 times ranked | 4653 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | From The Cover: Experimentally exploring the conformational space sampled by domain reorientation in calmodulin. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6841-6846. | 3.3 | 209 |
| 2 | Fasting-mimicking diet and hormone therapy induce breast cancer regression. Nature, 2020, 583, 620-624. | 13.7 | 198 |
| 3 | Autophagy Activation Clears ELAVL1/HuR-Mediated Accumulation of SQSTM1/p62 during Proteasomal Inhibition in Human Retinal Pigment Epithelial Cells. PLoS ONE, 2013, 8, e69563. | 1.1 | 138 |
| 4 | Neuronal ELAV proteins enhance mRNA stability by a PKCÂ-dependent pathway. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 12065-12070. | 3.3 | 132 |
| 5 | Global alterations in mRNA polysomal recruitment in a cell model of colorectal cancer progression to metastasis. Carcinogenesis, 2006, 27, 1323-1333. | 1.3 | 131 |
| 6 | The Ribonucleic Complex HuR-MALAT1 Represses CD133 Expression and Suppresses Epithelialâ€“Mesenchymal Transition in Breast Cancer. Cancer Research, 2016, 76, 2626-2636. | 0.4 | 113 |
| 7 | Tuning the Affinity for Lanthanides of Calcium Binding Proteins. Biochemistry, 2003, 42, 8011-8021. | 1.2 | 96 |
| 8 | Transcriptional induction of the heat shock protein B8 mediates the clearance of misfolded proteins responsible for motor neuron diseases. Scientific Reports, 2016, 6, 22827. | 1.6 | 78 |
| 9 | Fasting potentiates the anticancer activity of tyrosine kinase inhibitors by strengthening MAPK signaling inhibition. Oncotarget, 2015, 6, 11820-11832. | 0.8 | 67 |
| 10 | Dihydrotanshinone-I interferes with the RNA-binding activity of HuR affecting its post-transcriptional function. Scientific Reports, 2015, 5, 16478. | 1.6 | 65 |
| 11 | Nicotinamide Phosphoribosyltransferase Promotes Epithelial-to-Mesenchymal Transition as a Soluble Factor Independent of Its Enzymatic Activity. Journal of Biological Chemistry, 2014, 289, 34189-34204. | 1.6 | 64 |
| 12 | Regulation of HuR structure and function by dihydrotanshinone-I. Nucleic Acids Research, 2017, 45, 9514-9527. | 6.5 | 64 |
| 13 | Downregulation of HuR as a new mechanism of doxorubicin resistance in breast cancer cells. Molecular Cancer, 2012, 11, 13. | 7.9 | 63 |
| 14 | Targeting the Multifaceted HuR Protein, Benefits and Caveats. Current Drug Targets, 2015, 16, 499-515. | 1.0 | 61 |
| 15 | PER2 promotes glucose storage to liver glycogen during feeding and acute fasting by inducing Gys2 PTG and GL expression. Molecular Metabolism, 2013, 2, 292-305. | 3.0 | 58 |
| 16 | A Novel High Throughput Biochemical Assay to Evaluate the HuR Protein-RNA Complex Formation. PLoS ONE, 2013, 8, e72426. | 1.1 | 57 |
| 17 | Browsing gene banks for Fe2S2 ferredoxins and structural modeling of 88 plant-type sequences: An analysis of fold and function. Proteins: Structure, Function and Bioinformatics, 2002, 46, 110-127. | 1.5 | 55 |
| 18 | Functional analysis of CDKN2A/p16INK4a 5â€²-UTR variants predisposing to melanoma. Human Molecular Genetics, 2010, 19, 1479-1491. | 1.4 | 51 |

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|---|---|---|---|
| 19 | Hyperinsulinemia and insulin resistance in the obese may develop as part of a homeostatic response to elevated free fatty acids: A mechanistic case-control and a population-based cohort study. EBioMedicine, 2021, 65, 103264. | 2.7 | 51 |
| 20 | Proteome-Wide Characterization of the RNA-Binding Protein RALY-Interactome Using the in Vivo-Biotinylation-Pulldown-Quant (iBioPQ) Approach. Journal of Proteome Research, 2013, 12, 2869-2884. | 1.8 | 49 |
| 21 | Antiproliferative activity of melatonin by transcriptional inhibition of cyclin D1 expression: a molecular basis for melatonin-induced oncostatic effects. Journal of Pineal Research, 2005, 39, 12-20. | 3.4 | 47 |
| 22 | Proteostasis and ALS: protocol for a phase II, randomised, double-blind, placebo-controlled, multicentre clinical trial for colchicine in ALS (Co-ALS). BMJ Open, 2019, 9, e028486. | 0.8 | 44 |
| 23 | Ultrasensitive detection of cancer biomarkers by nickel-based isolation of polydisperse extracellular vesicles from blood. EBioMedicine, 2019, 43, 114-126. | 2.7 | 40 |
| 24 | Interfering with HuRâ€“RNA Interaction: Design, Synthesis and Biological Characterization of Tanshinone Mimics as Novel, Effective HuR Inhibitors. Journal of Medicinal Chemistry, 2018, 61, 1483-1498. | 2.9 | 39 |
| 25 | Hyper conserved elements in vertebrate mRNA 3â€²-UTRs reveal a translational network of RNA-binding proteins controlled by HuR. Nucleic Acids Research, 2013, 41, 3201-3216. | 6.5 | 38 |
| 26 | HuR/ELAVL1 drives malignant peripheral nerve sheath tumor growth and metastasis. Journal of Clinical Investigation, 2020, 130, 3848-3864. | 3.9 | 38 |
| 27 | The Natural Carotenoid Crocetin and the Synthetic Tellurium Compound AS101 Protect the Ovary against Cyclophosphamide by Modulating SIRT1 and Mitochondrial Markers. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-14. | 1.9 | 35 |
| 28 | APO866 Increases Antitumor Activity of Cyclosporin-A by Inducing Mitochondrial and Endoplasmic Reticulum Stress in Leukemia Cells. Clinical Cancer Research, 2015, 21, 3934-3945. | 3.2 | 31 |
| 29 | Cancer cell metabolic plasticity allows resistance to NAMPT inhibition but invariably induces dependence on LDHA. Cancer & Metabolism, 2018, 6, 1. | 2.4 | 29 |
| 30 | Screening Approaches for Targeting Ribonucleoprotein Complexes: A New Dimension for Drug Discovery. SLAS Discovery, 2019, 24, 314-331. | 1.4 | 29 |
| 31 | In vivo monitoring of alkaloid metabolism in hybrid plant cell cultures by 2D cryo-NMR without labelling. Bioorganic and Medicinal Chemistry, 2003, 11, 3913-3919. | 1.4 | 27 |
| 32 | Autophagy Stimulus Promotes Early HuR Protein Activation and p62/SQSTM1 Protein Synthesis in ARPE-19 Cells by Triggering Erk1/2, p38<sup>MAPK</sup>, and JNK Kinase Pathways. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-15. | 1.9 | 26 |
| 33 | HuR interacts with lincBRN1a and lincBRN1b during neuronal stem cells differentiation. RNA Biology, 2019, 16, 1471-1485. | 1.5 | 25 |
| 34 | Novel Compounds Targeting the RNA-Binding Protein HuR. Structure-Based Design, Synthesis, and Interaction Studies. ACS Medicinal Chemistry Letters, 2019, 10, 615-620. | 1.3 | 21 |
| 35 | Different BCR/Abl protein suppression patterns as a converging trait of chronic myeloid leukemia cell adaptation to energy restriction. Oncotarget, 2016, 7, 84810-84825. | 0.8 | 20 |
| 36 | Loss of Protein Kinase CÎ´/HuR Interaction Is Necessary to Doxorubicin Resistance in Breast Cancer Cell Lines. Journal of Pharmacology and Experimental Therapeutics, 2014, 349, 99-106. | 1.3 | 18 |

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|---|---|---|---|
| 37 | The GSK3Î² inhibitor BIS I reverts YAP-dependent EMT signature in PDAC cell lines by decreasing SMADs expression level. Oncotarget, 2016, 7, 26551-26566. | 0.8 | 18 |
| 38 | The 5â€²-untranslated region of p16INK4a melanoma tumor suppressor acts as a cellular IRES, controlling mRNA translation under hypoxia through YBX1 binding. Oncotarget, 2015, 6, 39980-39994. | 0.8 | 17 |
| 39 | In Vivo NMR at 800 MHz to Monitor Alkaloid Metabolism in Plant Cell Cultures without Tracer Labeling. Journal of the American Chemical Society, 2001, 123, 5118-5119. | 6.6 | 16 |
| 40 | EIF2A-dependent translational arrest protects leukemia cells from the energetic stress induced by NAMPT inhibition. BMC Cancer, 2015, 15, 855. | 1.1 | 13 |
| 41 | C9orf72 ALS/FTD dipeptide repeat protein levels are reduced by small molecules that inhibit PKA or enhance protein degradation. EMBO Journal, 2022, 41, e105026. | 3.5 | 13 |
| 42 | Exploration of ligand binding modes towards the identification of compounds targeting HuR: a combined STD-NMR and Molecular Modelling approach. Scientific Reports, 2018, 8, 13780. | 1.6 | 12 |
| 43 | JNK1 ablation in mice confers longâ€term metabolic protection from dietâ€induced obesity at the cost of moderate skin oxidative damage. FASEB Journal, 2016, 30, 3124-3132. | 0.2 | 11 |
| 44 | Multilayer and MATR3-dependent regulation of mRNAs maintains pluripotency in human induced pluripotent stem cells. IScience, 2021, 24, 102197. | 1.9 | 11 |
| 45 | HuR-targeted agents: An insight into medicinal chemistry, biophysical, computational studies and pharmacological effects on cancer models. Advanced Drug Delivery Reviews, 2022, 181, 114088. | 6.6 | 11 |
| 46 | The <scp>CDKN</scp>2A/p16<scp><sup>INK</sup></scp><sup>4a</sup> 5â€²<scp>UTR</scp> sequence and translational regulation: impact of novel variants predisposing to melanoma. Pigment Cell and Melanoma Research, 2016, 29, 210-221. | 1.5 | 9 |
| 47 | Human Antigen R Binding and Regulation of SOX2 mRNA in Human Mesenchymal Stem Cells. Molecular Pharmacology, 2016, 89, 243-252. | 1.0 | 9 |
| 48 | Rapid Nickel-based Isolation of Extracellular Vesicles from Different Biological Fluids. Bio-protocol, 2020, 10, e3512. | 0.2 | 7 |
| 49 | NMR spectroscopy as a tool to investigate the degradation of aromatic compounds by aPseudomonas putida strain. Magnetic Resonance in Chemistry, 2003, 41, 615-621. | 1.1 | 6 |
| 50 | Tristetraprolin/ZFP36 Regulates the Turnover of Autoimmune-Associated HLA-DQ mRNAs. Cells, 2019, 8, 1570. | 1.8 | 6 |
| 51 | Intramolecular Hetero Dielsâ^'Alder Reactions of Î±,Î±â€™-Dioxosulfines â^' A New Access to the [3.3.1]-Bicyclic Skeleton. European Journal of Organic Chemistry, 2000, 2000, 3721-3725. | 1.2 | 4 |
| 52 | Glucosylation of Isatin-3-Oxime followed by 2Din situNMR in Plant Cells at Highest Magnetic Field without Labelling. Natural Product Research, 2001, 15, 119-124. | 0.4 | 3 |
| 53 | Generation and characterization of a human iPSC line from an ALS patient carrying the Q66K-MATR3 mutation. Stem Cell Research, 2018, 33, 146-150. | 0.3 | 3 |
| 54 | Limonium duriusculum (de Girard) Kuntze Exhibits Anti-inflammatory Effect Via NF-ÎºB Pathway Modulation. Brazilian Archives of Biology and Technology, 0, 64, . | 0.5 | 3 |

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|---|---|---|---|
| 55 | Abstract B31: HuR cytoplasmic translocation and doxorubicin: how phosphorylation is involved in chemoresistance. Clinical Cancer Research, 2012, 18, B31-B31. | 3.2 | 0 |
| 56 | Identification and Characterization of an RRM-Containing, RNA Binding Protein in Acinetobacter baumannii. Biomolecules, 2022, 12, 922. | 1.8 | 0 |