

Sandro Roberto Valentini

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

2,435
citations

201575

27
h-index

206029

48
g-index

69
all docs

69
docs citations

69
times ranked

3235
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | VNTR Polymorphism in Intron 4 of the eNOS Gene and the Risk of Gastrointestinal Bleeding: A Case-control Study. <i>Journal of Gastrointestinal and Liver Diseases</i> , 2022, , . | 0.5 | 1 |
| 2 | The Methionine 549 and Leucine 552 Residues of Friedelin Synthase from <i>Maytenus ilicifolia</i> Are Important for Substrate Binding Specificity. <i>Molecules</i> , 2021, 26, 6806. | 1.7 | 3 |
| 3 | Structural features and development of an assay platform of the parasite target deoxyhypusine synthase of <i>Brugia malayi</i> and <i>Leishmania major</i> . <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008762. | 1.3 | 4 |
| 4 | Polysome-seq as a Measure of Translational Profile from Deoxyhypusine Synthase Mutant in <i>Saccharomyces cerevisiae</i> . <i>Lecture Notes in Computer Science</i> , 2020, , 168-179. | 1.0 | 1 |
| 5 | Effect of electrolytes as adjuvants in GFP and LPS partitioning on aqueous two-phase systems: 2. Nonionic micellar systems. <i>Separation and Purification Technology</i> , 2019, 210, 69-79. | 3.9 | 8 |
| 6 | Improving the cost effectiveness of enhanced green fluorescent protein production using recombinant <i>Escherichia coli</i> BL21 (DE3): Decreasing the expression inducer concentration. <i>Biotechnology and Applied Biochemistry</i> , 2019, 66, 527-536. | 1.4 | 14 |
| 7 | The polyproline motif of S6K2: eIF5A translational dependence and importance for protein-protein interactions. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 6015-6025. | 1.2 | 5 |
| 8 | Screening of 2A peptides for polycistronic gene expression in yeast. <i>FEMS Yeast Research</i> , 2018, 18, . | 1.1 | 45 |
| 9 | Effect of electrolytes as adjuvants in GFP and LPS partitioning on aqueous two-phase systems: 1. Polymer-polymer systems. <i>Separation and Purification Technology</i> , 2018, 206, 39-49. | 3.9 | 22 |
| 10 | Friedelin in <i>Maytenus ilicifolia</i> Is Produced by Friedelin Synthase Isoforms. <i>Molecules</i> , 2018, 23, 700. | 1.7 | 13 |
| 11 | Functionality and opposite roles of two interleukin 4 haplotypes in immune cells. <i>Genes and Immunity</i> , 2017, 18, 33-41. | 2.2 | 14 |
| 12 | Effect of a probiotic beverage consumption (<i>Enterococcus faecium</i> CRL 183 and <i>Bifidobacterium</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 1.1 | 37 |
| 13 | Probiotic Soy Product Supplemented with Isoflavones Improves the Lipid Profile of Moderately Hypercholesterolemic Men: A Randomized Controlled Trial. <i>Nutrients</i> , 2016, 8, 52. | 1.7 | 45 |
| 14 | Evidence for a Negative Cooperativity between eIF5A and eEF2 on Binding to the Ribosome. <i>PLoS ONE</i> , 2016, 11, e0154205. | 1.1 | 14 |
| 15 | Mapping surface residues of eIF5A that are important for binding to the ribosome using alanine scanning mutagenesis. <i>Amino Acids</i> , 2016, 48, 2363-2374. | 1.2 | 4 |
| 16 | Friedelin Synthase from <i>Maytenus ilicifolia</i> : Leucine 482 Plays an Essential Role in the Production of the Most Rearranged Pentacyclic Triterpene. <i>Scientific Reports</i> , 2016, 6, 36858. | 1.6 | 30 |
| 17 | Functional analysis of <i>Paracoccidioides brasiliensis</i> 14-3-3 adhesin expressed in <i>Saccharomyces cerevisiae</i> . <i>BMC Microbiology</i> , 2015, 15, 256. | 1.3 | 19 |
| 18 | MxA interacts with and is modified by the SUMOylation machinery. <i>Experimental Cell Research</i> , 2015, 330, 151-163. | 1.2 | 31 |

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|----|---|-----|-----------|
| 19 | Hypusine Modification of the Ribosome-binding Protein eIF5A, a Target for New Anti-Inflammatory Drugs: Understanding the Action of the Inhibitor GC7 on a Murine Macrophage Cell Line. <i>Current Pharmaceutical Design</i> , 2014, 20, 284-292. | 0.9 | 23 |
| 20 | eIF5A and eEF2: two unique translation factors are now traveling the same road. <i>Wiley Interdisciplinary Reviews RNA</i> , 2014, 5, 209-222. | 3.2 | 50 |
| 21 | eIF5A has a function in the cotranslational translocation of proteins into the ER. <i>Amino Acids</i> , 2014, 46, 645-653. | 1.2 | 22 |
| 22 | The eukaryotic translation initiation factor 3 subunit L protein interacts with Flavivirus NS5 and may modulate yellow fever virus replication. <i>Virology Journal</i> , 2013, 10, 205. | 1.4 | 18 |
| 23 | eIF5A dimerizes not only in vitro but also in vivo and its molecular envelope is similar to the eEF-P monomer. <i>Amino Acids</i> , 2013, 44, 631-644. | 1.2 | 12 |
| 24 | Enhanced nicotine-seeking behavior following pre-exposure to repeated cocaine is accompanied by changes in BDNF in the nucleus accumbens of rats. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 104, 169-176. | 1.3 | 10 |
| 25 | Immunoexpression of aromatase and estrogen receptors $\hat{1}^2$ in stem spermatogonia of bullfrogs indicates a role of estrogen in the seasonal spermatogonial mitotic activity. <i>General and Comparative Endocrinology</i> , 2013, 182, 65-72. | 0.8 | 17 |
| 26 | Primordial Germ Cells (Spermatogonial Stem Cells) of Bullfrogs Express Sex Hormone-Binding Globulin and Steroid Receptors during Seasonal Spermatogenesis. <i>Cells Tissues Organs</i> , 2013, 197, 136-144. | 1.3 | 11 |
| 27 | The Deoxyhypusine Synthase Mutant dys1-1 Reveals the Association of eIF5A and Asc1 with Cell Wall Integrity. <i>PLoS ONE</i> , 2013, 8, e60140. | 1.1 | 15 |
| 28 | Expression of the Interleukin-10 Signaling Pathway Genes in Individuals With Down Syndrome and Periodontitis. <i>Journal of Periodontology</i> , 2012, 83, 926-935. | 1.7 | 23 |
| 29 | Expression of interferon- $\hat{1}^3$, interferon- $\hat{1}^2$ and related genes in individuals with Down syndrome and periodontitis. <i>Cytokine</i> , 2012, 60, 875-881. | 1.4 | 27 |
| 30 | Effect of a calcium hydroxide/chlorhexidine paste as intracanal dressing in human primary teeth with necrotic pulp against <i>Porphyromonas gingivalis</i> and <i>Enterococcus faecalis</i> . <i>International Journal of Paediatric Dentistry</i> , 2012, 22, 116-124. | 1.0 | 27 |
| 31 | eIF5A interacts functionally with eEF2. <i>Amino Acids</i> , 2012, 42, 697-702. | 1.2 | 20 |
| 32 | New insights into trypanosomatid U5 small nuclear ribonucleoproteins. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2011, 106, 130-138. | 0.8 | 7 |
| 33 | Effect of ingestion of soy yogurt on intestinal parameters of rats fed on a beef-based animal diet. <i>Brazilian Journal of Microbiology</i> , 2011, 42, 1238-1247. | 0.8 | 7 |
| 34 | The small nuclear ribonucleoprotein U1A interacts with NS5 from yellow fever virus. <i>Archives of Virology</i> , 2011, 156, 931-938. | 0.9 | 6 |
| 35 | Production of active recombinant eIF5A: reconstitution in E.coli of eukaryotic hypusine modification of eIF5A by its coexpression with modifying enzymes. <i>Protein Engineering, Design and Selection</i> , 2011, 24, 301-309. | 1.0 | 24 |
| 36 | Effect of ingestion of soy yogurt on intestinal parameters of rats fed on a beef-based animal diet. <i>Brazilian Journal of Microbiology</i> , 2011, 42, 1238-47. | 0.8 | 2 |

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|----|---|-----|-----------|
| 37 | Evidence for conformational changes in the yeast deoxyhypusine hydroxylase Lia1 upon iron displacement from its active site. <i>Amino Acids</i> , 2010, 38, 479-490. | 1.2 | 12 |
| 38 | Functional significance of eIF5A and its hypusine modification in eukaryotes. <i>Amino Acids</i> , 2010, 38, 491-500. | 1.2 | 282 |
| 39 | Recombinant expression of glycerol-3-phosphate dehydrogenase using the <i>Pichia pastoris</i> system. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010, 65, 128-132. | 1.8 | 6 |
| 40 | Loss of nuclear poly(A)-binding protein 1 causes defects in myogenesis and mRNA biogenesis. <i>Human Molecular Genetics</i> , 2010, 19, 1058-1065. | 1.4 | 105 |
| 41 | eIF5A has a function in the elongation step of translation in yeast. <i>Biochemical and Biophysical Research Communications</i> , 2009, 380, 785-790. | 1.0 | 109 |
| 42 | Splice variants of the human ZC3H14 gene generate multiple isoforms of a zinc finger polyadenosine RNA binding protein. <i>Gene</i> , 2009, 439, 71-78. | 1.0 | 44 |
| 43 | Epigenetic Silencing of CRABP2 and MX1 in Head and Neck Tumors. <i>Neoplasia</i> , 2009, 11, 1329-IN9. | 2.3 | 70 |
| 44 | Synthetic lethality between eIF5A and Ypt1 reveals a connection between translation and the secretory pathway in yeast. <i>Molecular Genetics and Genomics</i> , 2008, 280, 211-221. | 1.0 | 20 |
| 45 | Mutational analyses of human eIF5A identification of amino acid residues critical for eIF5A activity and hypusine modification. <i>FEBS Journal</i> , 2008, 275, 44-58. | 2.2 | 44 |
| 46 | Structural modeling and mutational analysis of yeast eukaryotic translation initiation factor 5A reveal new critical residues and reinforce its involvement in protein synthesis. <i>FEBS Journal</i> , 2008, 275, 1874-1888. | 2.2 | 29 |
| 47 | Expression and purification of human respiratory syncytial virus recombinant fusion protein. <i>Protein Expression and Purification</i> , 2008, 62, 146-152. | 0.6 | 5 |
| 48 | Actively Transcribed GAL Genes Can Be Physically Linked to the Nuclear Pore by the SAGA Chromatin Modifying Complex. <i>Journal of Biological Chemistry</i> , 2007, 282, 3042-3049. | 1.6 | 115 |
| 49 | An Interaction between Two RNA Binding Proteins, Nab2 and Pub1, Links mRNA Processing/Export and mRNA Stability. <i>Molecular and Cellular Biology</i> , 2007, 27, 6569-6579. | 1.1 | 19 |
| 50 | Opposite effects of bFGF and TGF- β 2 on collagen metabolism by human periodontal ligament fibroblasts. <i>Cytokine</i> , 2007, 39, 130-137. | 1.4 | 52 |
| 51 | A Novel PCR-RFLP Assay for the Detection of the Single Nucleotide Polymorphism at Position +1440 in the Human CXCR2 gene. <i>Biochemical Genetics</i> , 2007, 45, 737-741. | 0.8 | 9 |
| 52 | Is there a role for eIF5A in translation?. <i>Amino Acids</i> , 2007, 33, 351-358. | 1.2 | 81 |
| 53 | Demonstration of the cellular viability and safety of <i>Enterococcus faecium</i> CRL 183 in experiments of long term. <i>Dairy Science and Technology</i> , 2007, 87, 181. | 0.9 | 3 |
| 54 | Demonstration of the cellular viability and safety of <i>Enterococcus faecium</i> CRL 183 in long-term experiments. <i>Dairy Science and Technology</i> , 2007, 87, 59-69. | 0.9 | 4 |

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| 55 | eIF5A binds to translational machinery components and affects translation in yeast. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 1358-1366. | 1.0 | 88 |
| 56 | Plc1 Acts Through Zds1 and Gic1 to Suppress Growth and Cell Polarity Defects of a Yeast eIF5A Mutant. <i>Genetics</i> , 2005, 171, 1571-1581. | 1.2 | 57 |
| 57 | Cytotoxic lignans from the stems of <i>Styrax camporum</i> (Styracaceae). <i>Natural Product Research</i> , 2005, 19, 319-323. | 1.0 | 49 |
| 58 | Large-scale Transcriptome Analyses Reveal New Genetic Marker Candidates of Head, Neck, and Thyroid Cancer. <i>Cancer Research</i> , 2005, 65, 1693-1699. | 0.4 | 55 |
| 59 | A Transcript Finishing Initiative for Closing Gaps in the Human Transcriptome. <i>Genome Research</i> , 2004, 14, 1413-1423. | 2.4 | 22 |
| 60 | Molecular characterization and chromosomal localization of two families of satellite DNA in <i>Prochilodus lineatus</i> (Pisces, Prochilodontidae), a species with B chromosomes. <i>Genetica</i> , 2003, 118, 25-32. | 0.5 | 55 |
| 61 | Origin and differentiation of a sex chromosome system in <i>Parodon hilarii</i> (Pisces, Parodontidae). Satellite DNA, G- and C-banding. <i>Genetica</i> , 2003, 119, 115-120. | 0.5 | 34 |
| 62 | Mapping eIF5A binding sites for Dys1 and Lia1: in vivo evidence for regulation of eIF5A hypusination. <i>FEBS Letters</i> , 2003, 555, 464-468. | 1.3 | 37 |
| 63 | The generation and utilization of a cancer-oriented representation of the human transcriptome by using expressed sequence tags. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 13418-13423. | 3.3 | 105 |
| 64 | Genetic Interactions of Yeast Eukaryotic Translation Initiation Factor 5A (eIF5A) Reveal Connections to Poly(A)-Binding Protein and Protein Kinase C Signaling. <i>Genetics</i> , 2002, 160, 393-405. | 1.2 | 86 |
| 65 | Structural and functional evidence that a B chromosome in the characid fish <i>Astyanax scabripinnis</i> is an isochromosome. <i>Heredity</i> , 2000, 85, 1-9. | 1.2 | 111 |
| 66 | Arginine methylation and binding of Hrp1p to the efficiency element for mRNA 3' end formation. <i>Rna</i> , 1999, 5, 272-280. | 1.6 | 75 |
| 67 | Pathogenic or potentially pathogenic bacteria as contaminants of fresh water from different sources in Araraquara, Brazil. <i>Water Research</i> , 1993, 27, 1737-1741. | 5.3 | 21 |