# John G Conboy

List of Publications by Year
in descending order



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|---|---|---|---|
| 46 papers | 2,202 citations | 279798 23 h-index | 276875 41 g-index |
| 48 all docs | 48 docs citations | 48 times ranked | 3205 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Unannotated splicing regulatory elements in deep intron space. Wiley Interdisciplinary Reviews RNA, 2021, 12, e1656. | 6.4 | 11 |
| 2 | A Deep Exon Cryptic Splice Site Promotes Aberrant Intron Retention in a Von Willebrand Disease Patient. International Journal of Molecular Sciences, 2021, 22, 13248. | 4.1 | 3 |
| 3 | Selective effects of protein 4.1N deficiency on neuroendocrine and reproductive systems. Scientific Reports, 2020, 10, 16947. | 3.3 | 1 |
| 4 | Antisense targeting of decoy exons can reduce intron retention and increase protein expression in human erythroblasts. Rna, 2020, 26, 996-1005. | 3.5 | 8 |
| 5 | An important class of intron retention events in human erythroblasts is regulated by cryptic exons proposed to function as splicing decoys. Rna, 2018, 24, 1255-1265. | 3.5 | 27 |
| 6 | RNA splicing during terminal erythropoiesis. Current Opinion in Hematology, 2017, 24, 215-221. | 2.5 | 11 |
| 7 | Circulating primitive erythroblasts establish a functional, protein 4.1R-dependent cytoskeletal network prior to enucleating. Scientific Reports, 2017, 7, 5164. | 3.3 | 13 |
| 8 | Developmental regulation of <scp>RNA</scp> processing by Rbfox proteins. Wiley Interdisciplinary Reviews RNA, 2017, 8, e1398. | 6.4 | 105 |
| 9 | A dynamic intron retention program enriched in RNA processing genes regulates gene expression during terminal erythropoiesis. Nucleic Acids Research, 2016, 44, 838-851. | 14.5 | 162 |
| 10 | A dynamic alternative splicing program regulates gene expression during terminal erythropoiesis. Nucleic Acids Research, 2014, 42, 4031-4042. | 14.5 | 76 |
| 11 | Rbfox proteins regulate alternative mRNA splicing through evolutionarily conserved RNA bridges. Nature Structural and Molecular Biology, 2013, 20, 1434-1442. | 8.2 | 313 |
| 12 | A Dynamic Alternative Splicing Program Regulates Gene Expression In A Differentiation Stage-Specific Manner During Terminal Erythropoiesis. Blood, 2013, 122, 3413-3413. | 1.4 | 2 |
| 13 | Deep Intron Elements Mediate Nested Splicing Events at Consecutive AG Dinucleotides To Regulate Alternative 3â€² Splice Site Choice in Vertebrate 4.1 Genes. Molecular and Cellular Biology, 2012, 32, 2044-2053. | 2.3 | 15 |
| 14 | Abundance of Alternative Splicing Events and Differentiation Stage-Specific Changes in Splicing Suggest A Major Role in Regulation of Gene Expression During Late Erythropoiesis. Blood, 2012, 120, 978-978. | 1.4 | 5 |
| 15 | Rbfox-regulated alternative splicing is critical for zebrafish cardiac and skeletal muscle functions. Developmental Biology, 2011, 359, 251-261. | 2.0 | 84 |
| 16 | Efficient in Vivo Manipulation of Alternative Pre-mRNA Splicing Events Using Antisense Morpholinos in Mice. Journal of Biological Chemistry, 2011, 286, 6033-6039. | 3.4 | 21 |
| 17 | Comprehensive characterization of expression patterns of protein 4.1 family members in mouse adrenal gland: implications for functions. Histochemistry and Cell Biology, 2010, 134, 411-420. | 1.7 | 15 |
| 18 | Exon-Level Microarray Analyses Identify Alternative Splicing Programs in Breast Cancer. Molecular Cancer Research, 2010, 8, 961-974. | 3.4 | 121 |

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|---|---|---|---|
| 19 | In Vivo Analysis of Erythroid Protein 4.1 Pre-mRNA Splicing Mechanisms: Use of Antisense Morpholinos to Assay Function of Deep Intron Regulatory Elements. Blood, 2010, 116, 815-815. | 1.4 | 1 |
| 20 | Splicing Mechanisms That Generate Distinct Isoforms of Protein 4.1R During Terminal Erythroid Differentiation.. Blood, 2009, 114, 4036-4036. | 1.4 | 0 |
| 21 | Intrasplicing coordinates alternative first exons with alternative splicing in the protein 4.1R gene. EMBO Journal, 2008, 27, 122-131. | 7.8 | 29 |
| 22 | Stage-Specific Switches in Alternative Pre-mRNA Splicing during Late Erythropoiesis Are Conserved from Mouse to Human. Blood, 2008, 112, 531-531. | 1.4 | 0 |
| 23 | A correlation with exon expression approach to identify cis-regulatory elements for tissue-specific alternative splicing. Nucleic Acids Research, 2007, 35, 4845-4857. | 14.5 | 75 |
| 24 | Modulation of Fox-Regulated Alternative Splicing Events during Erythropoiesis.. Blood, 2007, 110, 142-142. | 1.4 | 8 |
| 25 | Fox-2 Splicing Factor Binds to a Conserved Intron Motif to Promote Inclusion of Protein 4.1R Alternative Exon 16. Journal of Biological Chemistry, 2006, 281, 12468-12474. | 3.4 | 102 |
| 26 | Combinatorial Regulation of Protein 4.1R Exon 16 Alternative Splicing: Modulation of Fox-2 Activated Splicing by Other Intronic and Exonic Motifs.. Blood, 2006, 108, 540-540. | 1.4 | 0 |
| 27 | Mechanisms That Link Promoter Choice with Downstream Alternative Splicing in the Erythroid Protein 4.1R Gene.. Blood, 2006, 108, 1562-1562. | 1.4 | 1 |
| 28 | The splicing regulatory element, UGCAUG, is phylogenetically and spatially conserved in introns that flank tissue-specific alternative exons. Nucleic Acids Research, 2005, 33, 714-724. | 14.5 | 92 |
| 29 | Evolutionarily conserved coupling of transcription and alternative splicing in the EPB41 (protein 4.1R) and EPB41L3 (protein 4.1B) genes. Genomics, 2005, 86, 701-707. | 2.9 | 11 |
| 30 | Protein 4.1R Exon 16 Splicing Regulation by Antagonistic Activities of Fox-2 and hnRNP A1 Splicing Factors.. Blood, 2005, 106, 804-804. | 1.4 | 1 |
| 31 | Evolutionarily Conserved Coupling of Transcription and Alternative Splicing in the Protein 4.1R and 4.1B Genes Regulates N-Terminal Protein Structure.. Blood, 2005, 106, 1664-1664. | 1.4 | 0 |
| 32 | Putative tumor suppressor protein 4.1B is differentially expressed in kidney and brain via alternative promoters and 5â€² alternative splicing. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2004, 1680, 71-82. | 2.4 | 15 |
| 33 | Differential domain evolution and complex RNA processing in a family of paralogous EPB41 (protein) Tj ETQq1 1 0.784314 rgBT /Over | 2.9 | 31 |
| 34 | An Intron Splicing Enhancer Element, UGCAUG, Is Evolutionarily Conserved near Erythroid Protein 4.1R Exon 16 and Other Tissue-Specific Alternative Exons.. Blood, 2004, 104, 1584-1584. | 1.4 | 1 |
| 35 | Distinct distribution of specific members of protein 4.1 gene family in the mouse nephron. Kidney International, 2003, 63, 1321-1337. | 5.2 | 50 |
| 36 | Alternative 5â€² exons and differential splicing regulate expression of protein 4.1R isoforms with distinct N-termini. Blood, 2003, 101, 4164-4171. | 1.4 | 30 |

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|---|---|---|---|
| 37 | Decrease in hnRNP A/B expression during erythropoiesis mediates a pre-mRNA splicing switch. EMBO Journal, 2002, 21, 6195-6204. | 7.8 | 63 |
| 38 | Molecular and Functional Characterization of Protein 4.1B, a Novel Member of the Protein 4.1 Family with High Level, Focal Expression in Brain. Journal of Biological Chemistry, 2000, 275, 3247-3255. | 3.4 | 114 |
| 39 | A Novel Neuron-Enriched Homolog of the Erythrocyte Membrane Cytoskeletal Protein 4.1. Journal of Neuroscience, 1999, 19, 6457-6467. | 3.6 | 132 |
| 40 | Deciphering the Nuclear Import Pathway for the Cytoskeletal Red Cell Protein 4.1R. Molecular Biology of the Cell, 1999, 10, 1783-1798. | 2.1 | 40 |
| 41 | The Role of Alternative Preâ€mRNA Splicing in Regulating the Structure and Function of Skeletal Protein 4.1. Proceedings of the Society for Experimental Biology and Medicine, 1999, 220, 73-78. | 1.8 | 38 |
| 42 | Protein 4.1Râ€“deficient mice are viable but have erythroid membrane skeleton abnormalities. Journal of Clinical Investigation, 1999, 103, 331-340. | 8.2 | 107 |
| 43 | Neurobehavioral deficits in mice lacking the erythrocyte membrane cytoskeletal protein 4.1. Current Biology, 1998, 8, 1269-S1. | 3.9 | 47 |
| 44 | Four Paralogous Protein 4.1 Genes Map to Distinct Chromosomes in Mouse and Human. Genomics, 1998, 54, 348-350. | 2.9 | 54 |
| 45 | The 13-kD FK506 Binding Protein, FKBP13, Interacts with a Novel Homologue of the Erythrocyte Membrane Cytoskeletal Protein 4.1. Journal of Cell Biology, 1998, 141, 143-153. | 5.2 | 122 |
| 46 | Cell Shape-dependent Regulation of Protein 4.1 Alternative Pre-mRNA Splicing in Mammary Epithelial Cells. Journal of Biological Chemistry, 1997, 272, 10254-10259. | 3.4 | 45 |