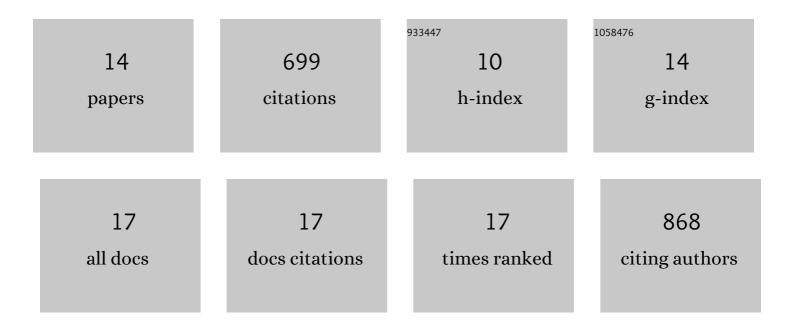
## Jacob T Polaski

List of Publications by Year in descending order

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IACOR T POLASKI

| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Synthetic introns enable splicing factor mutation-dependent targeting of cancer cells. Nature<br>Biotechnology, 2022, 40, 1103-1113.  | 17.5 | 24        |
| 2  | The origins and consequences of UPF1 variants in pancreatic adenosquamous carcinoma. ELife, 2021, 10,   | 6.0  | 8         |
| 3  | Minor intron retention drives clonal hematopoietic disorders and diverse cancer predisposition.<br>Nature Genetics, 2021, 53, 707-718.  | 21.4 | 61        |
| 4  | RNA isoform screens uncover the essentiality and tumor-suppressor activity of ultraconserved poison exons. Nature Genetics, 2020, 52, 84-94.  | 21.4 | 70        |
| 5  | Rare and private spliceosomal gene mutations drive partial, complete, and dual phenocopies of hotspot alterations. Blood, 2020, 135, 1032-1043.   | 1.4  | 11        |
| 6  | <i>ZRSR2</i> Mutation Induced Minor Intron Retention Drives MDS and Diverse Cancer Predisposition<br>Via Aberrant Splicing of <i>LZTR1</i> . Blood, 2020, 136, 10-11.                                 | 1.4  | 1         |
| 7  | A functional genetic screen reveals sequence preferences within a key tertiary interaction in<br>cobalamin riboswitches required for ligand selectivity. Nucleic Acids Research, 2018, 46, 9094-9105. | 14.5 | 11        |
| 8  | A multicolor riboswitch-based platform for imaging of RNA in live mammalian cells. Nature Chemical<br>Biology, 2018, 14, 964-971.   | 8.0  | 114       |
| 9  | Recurrent RNA motifs as scaffolds for genetically encodable small-molecule biosensors. Nature<br>Chemical Biology, 2017, 13, 295-301.   | 8.0  | 104       |
| 10 | Cobalamin riboswitches exhibit a broad range of ability to discriminate between methylcobalamin and<br>adenosylcobalamin. Journal of Biological Chemistry, 2017, 292, 11650-11658.                    | 3.4  | 38        |
| 11 | Mechanistic Insights into Cofactor-Dependent Coupling of RNA Folding and mRNA<br>Transcription/Translation by a Cobalamin Riboswitch. Cell Reports, 2016, 15, 1100-1110.                              | 6.4  | 36        |
| 12 | A Highly Coupled Network of Tertiary Interactions in the SAM-I Riboswitch and Their Role in<br>Regulatory Tuning. Journal of Molecular Biology, 2015, 427, 3473-3490.                                 | 4.2  | 10        |
| 13 | Single-Molecule Conformational Dynamics of a Biologically Functional Hydroxocobalamin<br>Riboswitch. Journal of the American Chemical Society, 2014, 136, 16832-16843.                                | 13.7 | 40        |
| 14 | B12 cofactors directly stabilize an mRNA regulatory switch. Nature, 2012, 492, 133-137.   | 27.8 | 171       |