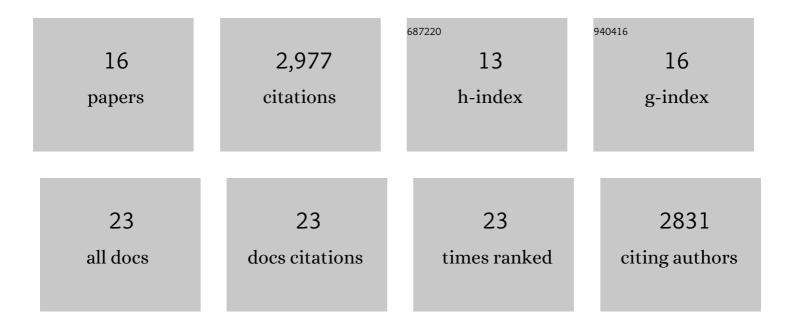
## John R Weir

List of Publications by Year in descending order

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IOHN R WEID

| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Structure of the 70S Ribosome Complexed with mRNA and tRNA. Science, 2006, 313, 1935-1942.   | 6.0  | 1,186     |
| 2  | The Crystal Structure of the Ribosome Bound to EF-Tu and Aminoacyl-tRNA. Science, 2009, 326, 688-694.  | 6.0  | 481       |
| 3  | Bub3 reads phosphorylated MELT repeats to promote spindle assembly checkpoint signaling. ELife, 2013, 2, e01030.   | 2.8  | 203       |
| 4  | GTPase activation of elongation factor EF-Tu by the ribosome during decoding. EMBO Journal, 2009, 28,<br>755-765.  | 3.5  | 175       |
| 5  | Insights from biochemical reconstitution into the architecture of human kinetochores. Nature, 2016, 537, 249-253.  | 13.7 | 148       |
| 6  | CENP-C is a blueprint for constitutive centromere–associated network assembly within human kinetochores. Journal of Cell Biology, 2015, 210, 11-22.  | 2.3  | 141       |
| 7  | Structural analysis reveals the characteristic features of Mtr4, a DExH helicase involved in nuclear RNA processing and surveillance. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12139-12144. | 3.3  | 129       |
| 8  | The pseudo GTPase CENP-M drives human kinetochore assembly. ELife, 2014, 3, e02978.  | 2.8  | 107       |
| 9  | Progress in the structural and functional characterization of kinetochores. Current Opinion in Structural Biology, 2016, 37, 152-163.  | 2.6  | 101       |
| 10 | Decoding the centromeric nucleosome through CENP-N. ELife, 2017, 6, .  | 2.8  | 101       |
| 11 | The Molecular Architecture of the TRAMP Complex Reveals the Organization and Interplay of Its Two<br>Catalytic Activities. Molecular Cell, 2014, 55, 856-867.  | 4.5  | 69        |
| 12 | Reconstitution of a 26-Subunit Human Kinetochore Reveals Cooperative Microtubule Binding by CENP-OPQUR and NDC80. Molecular Cell, 2018, 71, 923-939.e10.   | 4.5  | 68        |
| 13 | Role of Intrinsic and Extrinsic Factors in the Regulation of the Mitotic Checkpoint Kinase Bub1. PLoS ONE, 2015, 10, e0144673.   | 1.1  | 21        |
| 14 | Novel mechanistic insights into the role of Mer2 as the keystone of meiotic DNA break formation.<br>ELife, 2021, 10, .   | 2.8  | 19        |
| 15 | <scp>InteBac</scp> : An integrated bacterial and baculovirus expression vector suite. Protein Science, 2021, 30, 108-114.  | 3.1  | 12        |
| 16 | Biochemical and functional characterization of a meiosis-specific Pch2/ORC AAA+ assembly. Life<br>Science Alliance, 2020, 3, e201900630.   | 1.3  | 8         |