

# Robert Sidney Cox Iii

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3357847/publications.pdf>

Version: 2024-02-01

10  
papers

1,410  
citations

1307594

7  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

1911  
citing authors

#	ARTICLE	IF	CITATIONS
1	Programmed population control by cell-cell communication and regulated killing. <i>Nature</i> , 2004, 428, 868-871.	27.8	696
2	Programming gene expression with combinatorial promoters. <i>Molecular Systems Biology</i> , 2007, 3, 145.	7.2	305
3	Regulatory activity revealed by dynamic correlations in gene expression noise. <i>Nature Genetics</i> , 2008, 40, 1493-1498.	21.4	210
4	SBOL Visual: A Graphical Language for Genetic Designs. <i>PLoS Biology</i> , 2015, 13, e1002310.	5.6	73
5	Unnatural base pair systems for sensing and diagnostic applications. <i>Expert Review of Molecular Diagnostics</i> , 2011, 11, 321-331.	3.1	53
6	The Influence of Promoter Architectures and Regulatory Motifs on Gene Expression in <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2014, 9, e114347.	2.5	33
7	M-path: a compass for navigating potential metabolic pathways. <i>Bioinformatics</i> , 2015, 31, 905-911.	4.1	26
8	Database Construction for PromoterCAD: Synthetic Promoter Design for Mammals and Plants. <i>ACS Synthetic Biology</i> , 2014, 3, 192-196.	3.8	8
9	PromoterCAD: data-driven design of plant regulatory DNA. <i>Nucleic Acids Research</i> , 2013, 41, W569-W574.	14.5	4
10	A Visual Language for Protein Design. <i>ACS Synthetic Biology</i> , 2017, 6, 1120-1123.	3.8	2