

# Kersten T Schroeder

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6420973/publications.pdf>

Version: 2024-02-01

13  
papers

339  
citations

1040056

9  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

358  
citing authors

#	ARTICLE	IF	CITATIONS
1	A structural database for k-turn motifs in RNA. <i>Rna</i> , 2010, 16, 1463-1468.	3.5	80
2	RNA Tertiary Interactions in a Riboswitch Stabilize the Structure of a Kink Turn. <i>Structure</i> , 2011, 19, 1233-1240.	3.3	60
3	Asymmetric Synthesis of $\hat{I}^2$ -Hydroxy Esters and $\hat{I}^{\pm}$ -Alkyl- $\hat{I}^2$ -hydroxy Esters by Recombinant <i>Escherichia coli</i> Expressing Enzymes from Baker's Yeast. <i>Journal of Organic Chemistry</i> , 2000, 65, 2586-2587.	3.2	59
4	Ion-induced folding of a kink turn that departs from the conventional sequence. <i>Nucleic Acids Research</i> , 2009, 37, 7281-7289.	14.5	27
5	Single-Molecule Observation of the Induction of k-Turn RNA Structure on Binding L7Ae Protein. <i>Biophysical Journal</i> , 2012, 103, 2541-2548.	0.5	26
6	Structure and folding of a rare, natural kink turn in RNA with an A $\hat{C}$ A pair at the 2 $\hat{C}$ 2n position. <i>Rna</i> , 2012, 18, 1257-1266.	3.5	20
7	NMR spectroscopy of RNA duplexes containing pseudouridine in supercooled water. <i>Rna</i> , 2005, 11, 1012-1016.	3.5	18
8	Applying active learning in a virtual classroom such as a molecular biology escape room. <i>Biochemistry and Molecular Biology Education</i> , 2020, 48, 514-515.	1.2	14
9	A case-based learning approach to online biochemistry labs during COVID-19. <i>Biochemistry and Molecular Biology Education</i> , 2020, 48, 484-485.	1.2	13
10	Improved Mass Analysis of Oligoribonucleotides by $^{13}C,^{15}N$ Double Depletion and Electrospray Ionization FT-ICR Mass Spectrometry. <i>Analytical Chemistry</i> , 2004, 76, 1804-1809.	6.5	8
11	Interaction between the Spliceosomal Pre-mRNA Branch Site and U2 snRNP Protein p14. <i>Biochemistry</i> , 2016, 55, 629-632.	2.5	7
12	Impact of base pair identity 5 $\hat{C}$ 2 to the spliceosomal branch site adenosine on branch site conformation. <i>Rna</i> , 2012, 18, 2093-2103.	3.5	3
13	Design of a Semester-Long Case-Based Active Learning Curriculum for Medical Biochemistry Courses During COVID-19. <i>Journal of Chemical Education</i> , 2022, 99, 2541-2547.	2.3	3