

Kristian K Le Vay

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16
papers

314
citations

8
h-index

17
g-index

20
ext. papers

466
ext. citations

11.8
avg, IF

3.43
L-index

#	Paper	IF	Citations
16	Compartmentalised RNA catalysis in membrane-free coacervate protocells. <i>Nature Communications</i> , 2018 , 9, 3643	17.4	142
15	Construction and in vivo assembly of a catalytically proficient and hyperthermostable de novo enzyme. <i>Nature Communications</i> , 2017 , 8, 358	17.4	66
14	Heated gas bubbles enrich, crystallize, dry, phosphorylate and encapsulate prebiotic molecules. <i>Nature Chemistry</i> , 2019 , 11, 779-788	17.6	32
13	The difficult case of an RNA-only origin of life. <i>Emerging Topics in Life Sciences</i> , 2019 , 3, 469-475	3.5	13
12	Templated Self-Replication in Biomimetic Systems. <i>Advanced Biology</i> , 2019 , 3, e1800313	3.5	11
11	Designer artificial membrane binding proteins to direct stem cells to the myocardium. <i>Chemical Science</i> , 2019 , 10, 7610-7618	9.4	11
10	Nucleic Acid Catalysis under Potential Prebiotic Conditions. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 214-230	3.5	9
9	Controlling Protein Nanocage Assembly with Hydrostatic Pressure. <i>Journal of the American Chemical Society</i> , 2020 , 142, 20640-20650	16.4	9
8	Functionalized Triblock Copolymer Vectors for the Treatment of Acute Lymphoblastic Leukemia. <i>Molecular Pharmaceutics</i> , 2017 , 14, 722-732	5.6	6
7	The streptococcal multidomain fibrillar adhesin CshA has an elongated polymeric architecture. <i>Journal of Biological Chemistry</i> , 2020 , 295, 6689-6699	5.4	3
6	Prebiotically Plausible RNA Activation Compatible with Ribozyme-Catalyzed Ligation. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 2952-2957	16.4	3
5	Heat flows in rock cracks naturally optimize salt compositions for ribozymes. <i>Nature Chemistry</i> , 2021 , 13, 1038-1045	17.6	3
4	Enhanced Ribozyme-Catalyzed Recombination and Oligonucleotide Assembly in Peptide-RNA Condensates. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 26096-26104	16.4	3
3	Prebiotisch plausible RNA-Aktivierung kompatibel mit ribozymkatalysierter Ligation. <i>Angewandte Chemie</i> , 2021 , 133, 2988-2993	3.6	1
2	Generation of RNA with 2g 3g Cyclic Phosphates by Deoxyribozyme Cleavage in Frozen Solutions.. <i>Methods in Molecular Biology</i> , 2022 , 2439, 301-309	1.4	
1	PCR Methods for the Generation of Catalytic ssDNA.. <i>Methods in Molecular Biology</i> , 2022 , 2439, 27-44	1.4	