

Kristian K Le Vay

List of Publications by Year in Descending Order

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