

Elisa Biondi

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | When Did Life Likely Emerge on Earth in an RNA-First Process?. <i>ChemSystemsChem</i> , 2020, 2, e1900035. | 2.6 | 71 |
| 2 | Prebiotic Chemistry that Could Not Not Have Happened. <i>Life</i> , 2019, 9, 84. | 2.4 | 29 |
| 3 | Opal Adsorbs and Stabilizes RNA – A Hierarchy of Prebiotic Silica Minerals. <i>Synlett</i> , 2018, 29, 256-256. | 1.8 | 1 |
| 4 | Artificially Expanded Genetic Information Systems for New Aptamer Technologies. <i>Biomedicines</i> , 2018, 6, 53. | 3.2 | 55 |
| 5 | Mineral-Organic Interactions in Prebiotic Synthesis. <i>Nucleic Acids and Molecular Biology</i> , 2018, , 31-83. | 0.2 | 5 |
| 6 | Adsorption of RNA on mineral surfaces and mineral precipitates. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 393-404. | 2.2 | 24 |
| 7 | Laboratory evolution of artificially expanded DNA gives redesignable aptamers that target the toxic form of anthrax protective antigen. <i>Nucleic Acids Research</i> , 2016, 44, gkw890. | 14.5 | 63 |
| 8 | Opal Absorbs and Stabilizes RNA – A Hierarchy of Prebiotic Silica Minerals. <i>Synlett</i> , 2016, 28, 84-88. | 1.8 | 1 |
| 9 | RNA Structural Analysis by Enzymatic Digestion. <i>Methods in Molecular Biology</i> , 2014, 1086, 41-52. | 0.9 | 3 |
| 10 | Lewis acid catalysis of phosphoryl transfer from a copper(II)-NTP complex in a kinase ribozyme. <i>Nucleic Acids Research</i> , 2013, 41, 3327-3338. | 14.5 | 11 |
| 11 | Potent Inhibition of HIV-1 Reverse Transcriptase and Replication by Nonpseudoknot, –UCAA-motif–RNA Aptamers. <i>Molecular Therapy - Nucleic Acids</i> , 2013, 2, e71. | 5.1 | 30 |
| 12 | A small ribozyme with dual-site kinase activity. <i>Nucleic Acids Research</i> , 2012, 40, 7528-7540. | 14.5 | 13 |
| 13 | Separating and Analyzing Sulfur-Containing RNAs with Organomercury Gels. <i>Methods in Molecular Biology</i> , 2012, 883, 111-120. | 0.9 | 17 |
| 14 | Convergent donor and acceptor substrate utilization among kinase ribozymes. <i>Nucleic Acids Research</i> , 2010, 38, 6785-6795. | 14.5 | 17 |
| 15 | Catalytic activity of hammerhead ribozymes in a clay mineral environment: Implications for the RNA world. <i>Gene</i> , 2007, 389, 10-18. | 2.2 | 36 |
| 16 | Montmorillonite protection of an UV-irradiated hairpin ribozyme: evolution of the RNA world in a mineral environment. <i>BMC Evolutionary Biology</i> , 2007, 7, S2. | 3.2 | 63 |
| 17 | Looking for the Primordial Genetic Honeycomb. <i>Origins of Life and Evolution of Biospheres</i> , 2007, 36, 493-499. | 1.9 | 14 |
| 18 | Mist and replication. <i>Nature Physics</i> , 0, , . | 16.7 | 0 |