

Mihai Ciubotaru

List of Publications by Year in descending order

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14
papers

253
citations

1163117

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1125743

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15
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docs citations

15
times ranked

308
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Structure of the RAG1 nonamer binding domain with DNA reveals a dimer that mediates DNA synapsis. <i>Nature Structural and Molecular Biology</i> , 2009, 16, 499-508. | 8.2 | 77 |
| 2 | Indirect Readout of DNA Sequence by Proteins: The Roles of DNA Sequence-Dependent Intrinsic and Extrinsic Forces. <i>Progress in Molecular Biology and Translational Science</i> , 2006, 81, 143-177. | 1.9 | 43 |
| 3 | RAG1-DNA Binding in V(D)J Recombination. <i>Journal of Biological Chemistry</i> , 2003, 278, 5584-5596. | 3.4 | 29 |
| 4 | DNA-induced conformational changes in bacteriophage 434 repressor. <i>Journal of Molecular Biology</i> , 1999, 294, 859-873. | 4.2 | 24 |
| 5 | RAG and HMGB1 create a large bend in the 23RSS in the V(D)J recombination synaptic complexes. <i>Nucleic Acids Research</i> , 2013, 41, 2437-2454. | 14.5 | 23 |
| 6 | Fluorescence Resonance Energy Transfer Analysis of Recombination Signal Sequence Configuration in the RAG1/2 Synaptic Complex. <i>Molecular and Cellular Biology</i> , 2007, 27, 4745-4758. | 2.3 | 16 |
| 7 | Synapsis of Recombination Signal Sequences Located in cis and DNA Underwinding in V(D)J Recombination. <i>Molecular and Cellular Biology</i> , 2004, 24, 8727-8744. | 2.3 | 15 |
| 8 | The architecture of the 12RSS in V(D)J recombination signal and synaptic complexes. <i>Nucleic Acids Research</i> , 2015, 43, 917-931. | 14.5 | 11 |
| 9 | DNA-Stimulated Assembly of Oligomeric Bacteriophage 434 Repressor: Evidence for Cooperative Binding by Recruitment. <i>Biochemistry</i> , 2003, 42, 4253-4264. | 2.5 | 8 |
| 10 | The Design of New HIV-IN Tethered Bifunctional Inhibitors Using Multiple Microdomain Targeted Docking. <i>Current Medicinal Chemistry</i> , 2019, 26, 2574-2600. | 2.4 | 3 |
| 11 | Radiofrequency EMF irradiation effects on pre-B lymphocytes undergoing somatic recombination. <i>Scientific Reports</i> , 2021, 11, 12651. | 3.3 | 2 |
| 12 | Discoveries: an innovative platform for publishing cutting-edge research discoveries in medicine, biology and chemistry. <i>Discoveries</i> , 2013, 1, e1. | 2.3 | 1 |
| 13 | DNA bending in the synaptic complex in V(D)J recombination: turning an ancestral transpososome upside down. <i>Discoveries</i> , 2014, 2, e13. | 2.3 | 1 |
| 14 | Probing the structure of RAG protein-DNA intermediates in V(D)J recombination. <i>FASEB Journal</i> , 2007, 21, A44. | 0.5 | 0 |