

Matthew G Costales

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

893
citations

759233

12
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

899
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Small Molecule Inhibition of microRNA-210 Reprograms an Oncogenic Hypoxic Circuit. <i>Journal of the American Chemical Society</i> , 2017, 139, 3446-3455. | 13.7 | 140 |
| 2 | Small Molecule Targeted Recruitment of a Nuclease to RNA. <i>Journal of the American Chemical Society</i> , 2018, 140, 6741-6744. | 13.7 | 138 |
| 3 | Small-molecule targeted recruitment of a nuclease to cleave an oncogenic RNA in a mouse model of metastatic cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2406-2411. | 7.1 | 116 |
| 4 | How We Think about Targeting RNA with Small Molecules. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 8880-8900. | 6.4 | 109 |
| 5 | Targeted Degradation of a Hypoxia-Associated Non-coding RNA Enhances the Selectivity of a Small Molecule Interacting with RNA. <i>Cell Chemical Biology</i> , 2019, 26, 1180-1186.e5. | 5.2 | 80 |
| 6 | Translation of the intrinsically disordered protein α -synuclein is inhibited by a small molecule targeting its structured mRNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1457-1467. | 7.1 | 69 |
| 7 | Approved Anti-cancer Drugs Target Oncogenic Non-coding RNAs. <i>Cell Chemical Biology</i> , 2018, 25, 1086-1094.e7. | 5.2 | 65 |
| 8 | A Designed Small Molecule Inhibitor of a Non-Coding RNA Sensitizes HER2 Negative Cancers to Herceptin. <i>Journal of the American Chemical Society</i> , 2019, 141, 2960-2974. | 13.7 | 52 |
| 9 | Extracellular Adenosine Generation in the Regulation of Pro-Inflammatory Responses and Pathogen Colonization. <i>Biomolecules</i> , 2015, 5, 775-792. | 4.0 | 38 |
| 10 | Extracellular adenosine produced by ecto-5'-nucleotidase (CD73) regulates macrophage pro-inflammatory responses, nitric oxide production, and favors Salmonella persistence. <i>Nitric Oxide - Biology and Chemistry</i> , 2018, 72, 7-15. | 2.7 | 20 |
| 11 | Ecto-5'-Nucleotidase (CD73) Regulates Host Inflammatory Responses and Exacerbates Murine Salmonellosis. <i>Scientific Reports</i> , 2015, 4, 4486. | 3.3 | 19 |
| 12 | Comparison of small molecules and oligonucleotides that target a toxic, non-coding RNA. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2605-2609. | 2.2 | 15 |
| 13 | Gini Coefficients as a Single Value Metric to Define Chemical Probe Selectivity. <i>ACS Chemical Biology</i> , 2020, 15, 2031-2040. | 3.4 | 13 |
| 14 | Oral exposure to <i>Listeria monocytogenes</i> in aged IL-17RKO mice: A possible murine model to study listeriosis in susceptible populations. <i>Microbial Pathogenesis</i> , 2016, 99, 236-246. | 2.9 | 9 |
| 15 | Identifying and validating small molecules interacting with RNA (SMIRNAs). <i>Methods in Enzymology</i> , 2019, 623, 45-66. | 1.0 | 9 |
| 16 | Adding Broccoli to the Biosensor Menu. <i>Cell Chemical Biology</i> , 2019, 26, 463-465. | 5.2 | 1 |