

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
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16
all docs

16
docs citations

16
times ranked

899
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Gini Coefficients as a Single Value Metric to Define Chemical Probe Selectivity. <i>ACS Chemical Biology</i> , 2020, 15, 2031-2040.	3.4	13
3	How We Think about Targeting RNA with Small Molecules. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 8880-8900.	6.4	109
4	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
5	Identifying and validating small molecules interacting with RNA (SMIRNAs). <i>Methods in Enzymology</i> , 2019, 623, 45-66.	1.0	9
6	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
7	Adding Broccoli to the Biosensor Menu. <i>Cell Chemical Biology</i> , 2019, 26, 463-465.	5.2	1
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 produced by ecto-5 α -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
10	Small Molecule Targeted Recruitment of a Nuclease to RNA. <i>Journal of the American Chemical Society</i> , 2018, 140, 6741-6744.	13.7	138
11	Approved Anti-cancer Drugs Target Oncogenic Non-coding RNAs. <i>Cell Chemical Biology</i> , 2018, 25, 1086-1094.e7.	5.2	65
12	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
13	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
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	Extracellular Adenosine Generation in the Regulation of Pro-Inflammatory Responses and Pathogen Colonization. <i>Biomolecules</i> , 2015, 5, 775-792.	4.0	38
16	Ecto-5 α -Nucleotidase (CD73) Regulates Host Inflammatory Responses and Exacerbates Murine Salmonellosis. <i>Scientific Reports</i> , 2015, 4, 4486.	3.3	19