

Regina Cencic

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,919
citations

361413

20
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265206

42
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46
all docs

46
docs citations

46
times ranked

2842
citing authors

#	ARTICLE	IF	CITATIONS
1	Eukaryotic Translation Initiation Factor 4A1: A Potential Novel Target in Neuroblastoma. <i>Cells</i> , 2021, 10, 301.	4.1	10
2	Functional mimicry revealed by the crystal structure of an eIF4A:RNA complex bound to the interfacial inhibitor, desmethyl pateamine A. <i>Cell Chemical Biology</i> , 2021, 28, 825-834.e6.	5.2	25
3	A forward genetic screen identifies modifiers of rocaglate responsiveness. <i>Scientific Reports</i> , 2021, 11, 18516.	3.3	3
4	Assessing eukaryotic initiation factor 4F subunit essentiality by CRISPR-induced gene ablation in the mouse. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 6709-6719.	5.4	13
5	RNA-tethering assay and eIF4G:eIF4A obligate dimer design uncovers multiple eIF4F functional complexes. <i>Nucleic Acids Research</i> , 2020, 48, 8562-8575.	14.5	21
6	Identification and characterization of hippuristanol-resistant mutants reveals eIF4A1 dependencies within mRNA 5' leader regions. <i>Nucleic Acids Research</i> , 2020, 48, 9521-9537.	14.5	22
7	CRISPR-Based Screen Links an Inhibitor of Nonsense-Mediated Decay to eIF4A3 Target Engagement. <i>ACS Chemical Biology</i> , 2020, 15, 1621-1629.	3.4	2
8	A comparative study of small molecules targeting eIF4A. <i>Rna</i> , 2020, 26, 541-549.	3.5	27
9	Rocaglates Induce Gain-of-Function Alterations to eIF4A and eIF4F. <i>Cell Reports</i> , 2020, 30, 2481-2488.e5.	6.4	48
10	Effect of 2'5'3'5' phosphodiester linkage heterogeneity on RNA interference. <i>Nucleic Acids Research</i> , 2020, 48, 4643-4657.	14.5	15
11	eIF4A Inhibitors Suppress Cell-Cycle Feedback Response and Acquired Resistance to CDK4/6 Inhibition in Cancer. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 2158-2170.	4.1	25
12	Amidino-Rocaglates: A Potent Class of eIF4A Inhibitors. <i>Cell Chemical Biology</i> , 2019, 26, 1586-1593.e3.	5.2	45
13	CDK4/6 inhibitors target SMARCA4-determined cyclin D1 deficiency in hypercalcemic small cell carcinoma of the ovary. <i>Nature Communications</i> , 2019, 10, 558.	12.8	76
14	Tracing MYC Expression for Small Molecule Discovery. <i>Cell Chemical Biology</i> , 2019, 26, 699-710.e6.	5.2	5
15	Oxo-aglaistatin-Mediated Inhibition of Translation Initiation. <i>Scientific Reports</i> , 2019, 9, 1265.	3.3	8
16	Rocaglates as dual-targeting agents for experimental cerebral malaria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2366-E2375.	7.1	24
17	A cautionary note on the use of cap analogue affinity resins. <i>Analytical Biochemistry</i> , 2018, 560, 24-29.	2.4	2
18	Structure of human IFIT1 with capped RNA reveals adaptable mRNA binding and mechanisms for sensing N1 and N2 ribose 2'-O methylations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E2106-E2115.	7.1	86

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19	A New Natural Product Analog of Blastidicin S Reveals Cellular Uptake Facilitated by the NorA Multidrug Transporter. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	10
20	Huwe1 Regulates the Establishment and Maintenance of Spermatogonia by Suppressing DNA Damage Response. <i>Endocrinology</i> , 2017, 158, 4000-4016.	2.8	21
21	Synthesis facilitates an understanding of the structural basis for translation inhibition by the lissoclimides. <i>Nature Chemistry</i> , 2017, 9, 1140-1149.	13.6	36
22	Synthesis of <i>Aza</i> -Rocaglates via ESIPT-Mediated (3+2) Photocycloaddition. <i>Chemistry - A European Journal</i> , 2016, 22, 12006-12010.	3.3	34
23	A CRISPR/Cas9 Functional Screen Identifies Rare Tumor Suppressors. <i>Scientific Reports</i> , 2016, 6, 38968.	3.3	36
24	5,10b-Ethanophenanthridine amaryllidaceae alkaloids inspire the discovery of novel bicyclic ring systems with activity against drug resistant cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2016, 120, 313-328.	5.5	16
25	Haploinsufficiency of the ESCRT Component HD-PTP Predisposes to Cancer. <i>Cell Reports</i> , 2016, 15, 1893-1900.	6.4	36
26	Kaiso mediates human ICR1 methylation maintenance and H19 transcriptional fine regulation. <i>Clinical Epigenetics</i> , 2016, 8, 47.	4.1	15
27	CRISPR-Mediated Drug-Target Validation Reveals Selective Pharmacological Inhibition of the RNA Helicase, eIF4A. <i>Cell Reports</i> , 2016, 15, 2340-2347.	6.4	81
28	Hippuristanol - A potent steroid inhibitor of eukaryotic initiation factor 4A. <i>Translation</i> , 2016, 4, e1137381.	2.9	50
29	Translation Inhibition by Rocaglates Is Independent of eIF4E Phosphorylation Status. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 136-141.	4.1	17
30	Obatoclox is a direct and potent antagonist of membrane-restricted Mcl-1 and is synthetic lethal with treatment that induces Bim. <i>BMC Cancer</i> , 2015, 15, 568.	2.6	21
31	Protospacer Adjacent Motif (PAM)-Distal Sequences Engage CRISPR Cas9 DNA Target Cleavage. <i>PLoS ONE</i> , 2014, 9, e109213.	2.5	94
32	Internal translation initiation from HIV-1 transcripts is conferred by a common RNA structure. <i>Translation</i> , 2014, 2, e27694.	2.9	16
33	Adapting CRISPR/Cas9 for Functional Genomics Screens. <i>Methods in Enzymology</i> , 2014, 546, 193-213.	1.0	17
34	Throwing a monkey wrench in the motor: Targeting DExH/D box proteins with small molecule inhibitors. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2013, 1829, 894-903.	1.9	11
35	Inhibitors of Translation Targeting Eukaryotic Translation Initiation Factor 4A. <i>Methods in Enzymology</i> , 2012, 511, 437-461.	1.0	20
36	A cellular response linking eIF4A1 activity to eIF4A11 transcription. <i>Rna</i> , 2012, 18, 1373-1384.	3.5	96

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37	Synthesis of Rocaglamide Hydroxamates and Related Compounds as Eukaryotic Translation Inhibitors: Synthetic and Biological Studies. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 558-562.	6.4	83
38	Blocking eIF4E-eIF4G Interaction as a Strategy To Impair Coronavirus Replication. <i>Journal of Virology</i> , 2011, 85, 6381-6389.	3.4	93
39	Reversing chemoresistance by small molecule inhibition of the translation initiation complex eIF4F. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 1046-1051.	7.1	153
40	Synergistic effect of inhibiting translation initiation in combination with cytotoxic agents in acute myelogenous leukemia cells. <i>Leukemia Research</i> , 2010, 34, 535-541.	0.8	55
41	Antitumor Activity and Mechanism of Action of the Cyclopenta[b]benzofuran, Silvestrol. <i>PLoS ONE</i> , 2009, 4, e5223.	2.5	255
42	Homogenous Time Resolved Fluorescence Assay to Identify Modulators of Cap-Dependent Translation Initiation. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2007, 10, 181-188.	1.1	7
43	Identifying Small Molecule Inhibitors of Eukaryotic Translation Initiation. <i>Methods in Enzymology</i> , 2007, 431, 269-302.	1.0	16
44	RNA-Mediated Sequestration of the RNA Helicase eIF4A by Pateamine A Inhibits Translation Initiation. <i>Chemistry and Biology</i> , 2006, 13, 1287-1295.	6.0	144