

Jerry Pelletier

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

204 papers	16,792 citations	57 h-index	127 g-index
207 ext. papers	18,674 ext. citations	10.8 avg, IF	6.47 L-index

#	Paper	IF	Citations
204	Targeting DEAD-box RNA helicases: The emergence of molecular staples.. <i>Wiley Interdisciplinary Reviews RNA</i> , 2022 , e1738	9.3	0
203	Engineering immunoproteasome-expressing mesenchymal stromal cells: A potent cellular vaccine for lymphoma and melanoma in mice.. <i>Cell Reports Medicine</i> , 2021 , 2, 100455	18	3
202	-spliced mRNA products produced from circRNA expression vectors. <i>Rna</i> , 2021 , 27, 676-682	5.8	2
201	Loss of MYSM1 inhibits the oncogenic activity of cMYC in B cell lymphoma. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 7089-7094	5.6	2
200	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	8.2	8
199	TACIMA-218: A Novel Pro-Oxidant Agent Exhibiting Selective Antitumoral Activity. <i>Molecular Cancer Therapeutics</i> , 2021 , 20, 37-49	6.1	0
198	The multifaceted eukaryotic cap structure. <i>Wiley Interdisciplinary Reviews RNA</i> , 2021 , 12, e1636	9.3	8
197	Eukaryotic Translation Initiation Factor 4A1: A Potential Novel Target in Neuroblastoma. <i>Cells</i> , 2021 , 10,	7.9	4
196	A forward genetic screen identifies modifiers of rocaglate responsiveness. <i>Scientific Reports</i> , 2021 , 11, 18516	4.9	1
195	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	10.3	2
194	CRISPR-Based Screen Links an Inhibitor of Nonsense-Mediated Decay to eIF4A3 Target Engagement. <i>ACS Chemical Biology</i> , 2020 , 15, 1621-1629	4.9	2
193	SMARCB1 loss induces druggable cyclin D1 deficiency via upregulation of MIR17HG in atypical teratoid rhabdoid tumors. <i>Journal of Pathology</i> , 2020 , 252, 77-87	9.4	6
192	A comparative study of small molecules targeting eIF4A. <i>Rna</i> , 2020 , 26, 541-549	5.8	13
191	General and Target-Specific DExD/H RNA Helicases in Eukaryotic Translation Initiation. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	11
190	Rocaglates Induce Gain-of-Function Alterations to eIF4A and eIF4F. <i>Cell Reports</i> , 2020 , 30, 2481-2488.e5	10.6	23
189	A Meroisoprenoid, Heptenolides, and -Benzylated Flavonoids from ssp.. <i>Journal of Natural Products</i> , 2020 , 83, 316-322	4.9	5
188	Effect of 2S5'3S5'Sphosphodiester linkage heterogeneity on RNA interference. <i>Nucleic Acids Research</i> , 2020 , 48, 4643-4657	20.1	6

187	Modulation of RNA Condensation by the DEAD-Box Protein eIF4A. <i>Cell</i> , 2020 , 180, 411-426.e16	56.2	88
186	Selective targeting of the DEAD-box RNA helicase eukaryotic initiation factor (eIF) 4A by natural products. <i>Natural Product Reports</i> , 2020 , 37, 609-616	15.1	21
185	The mTORC1/S6K/PDCD4/eIF4A Axis Determines Outcome of Mitotic Arrest. <i>Cell Reports</i> , 2020 , 33, 108230	13.6	4
184	Amygdala inhibitory neurons as loci for translation in emotional memories. <i>Nature</i> , 2020 , 586, 407-411	50.4	7
183	RNA-tethering assay and eIF4G:eIF4A obligate dimer design uncovers multiple eIF4F functional complexes. <i>Nucleic Acids Research</i> , 2020 , 48, 8562-8575	20.1	12
182	Identification and characterization of hippuristanol-resistant mutants reveals eIF4A1 dependencies within mRNA 5Sleader regions. <i>Nucleic Acids Research</i> , 2020 , 48, 9521-9537	20.1	11
181	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	6.1	14
180	Drug-induced Stress Granule Formation Protects Sensory Hair Cells in Mouse Cochlear Explants During Ototoxicity. <i>Scientific Reports</i> , 2019 , 9, 12501	4.9	10
179	Amidino-Rocaglates: A Potent Class of eIF4A Inhibitors. <i>Cell Chemical Biology</i> , 2019 , 26, 1586-1593.e3	8.2	27
178	CDK4/6 inhibitors target SMARCA4-determined cyclin D1 deficiency in hypercalcemic small cell carcinoma of the ovary. <i>Nature Communications</i> , 2019 , 10, 558	17.4	42
177	The Organizing Principles of Eukaryotic Ribosome Recruitment. <i>Annual Review of Biochemistry</i> , 2019 , 88, 307-335	29.1	88
176	Tracing MYC Expression for Small Molecule Discovery. <i>Cell Chemical Biology</i> , 2019 , 26, 699-710.e6	8.2	4
175	O-GlcNAcylation of core components of the translation initiation machinery regulates protein synthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 7857-7866	11.5	24
174	Oxo-aglaistatin-Mediated Inhibition of Translation Initiation. <i>Scientific Reports</i> , 2019 , 9, 1265	4.9	8
173	Intercepted Retro-Nazarov Reaction: Syntheses of Amidino-Rocaglate Derivatives and Their Biological Evaluation as eIF4A Inhibitors. <i>Journal of the American Chemical Society</i> , 2019 , 141, 12891-12900	16.4	17
172	New Benzopyranyl Cadenane Sesquiterpene and Other Antiplasmodial and Cytotoxic Metabolites from. <i>Molecules</i> , 2019 , 24,	4.8	6
171	eIF4A supports an oncogenic translation program in pancreatic ductal adenocarcinoma. <i>Nature Communications</i> , 2019 , 10, 5151	17.4	38
170	Chemical Synthesis Enables Structural Reengineering of Aglaroxin C Leading to Inhibition Bias for Hepatitis C Viral Infection. <i>Journal of the American Chemical Society</i> , 2019 , 141, 1312-1323	16.4	15

169	USP44 is dispensable for normal hematopoietic stem cell function, lymphocyte development, and B-cell-mediated immune response in a mouse model. <i>Experimental Hematology</i> , 2019 , 72, 1-8	3.1	5
168	Beyond molecular tumor heterogeneity: protein synthesis takes control. <i>Oncogene</i> , 2018 , 37, 2490-2501	9.2	28
167	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	11.5	14
166	Therapeutic Opportunities in Eukaryotic Translation. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018 , 10,	10.2	18
165	Desmocollin 1 is abundantly expressed in atherosclerosis and impairs high-density lipoprotein biogenesis. <i>European Heart Journal</i> , 2018 , 39, 1194-1202	9.5	15
164	Inducible Genome Editing with Conditional CRISPR/Cas9 Mice. <i>G3: Genes, Genomes, Genetics</i> , 2018 , 8, 1627-1635	3.2	11
163	eIF4A inhibition prevents the onset of cytokine-induced muscle wasting by blocking the STAT3 and iNOS pathways. <i>Scientific Reports</i> , 2018 , 8, 8414	4.9	11
162	2SO-methylation of the mRNA cap protects RNAs from decapping and degradation by DXO. <i>PLoS ONE</i> , 2018 , 13, e0193804	3.7	27
161	Eukaryotic initiation factor 4F-sidestepping resistance mechanisms arising from expression heterogeneity. <i>Current Opinion in Genetics and Development</i> , 2018 , 48, 89-96	4.9	9
160	Exploring the Impact of Single-Nucleotide Polymorphisms on Translation. <i>Frontiers in Genetics</i> , 2018 , 9, 507	4.5	49
159	A cautionary note on the use of cap analogue affinity resins. <i>Analytical Biochemistry</i> , 2018 , 560, 24-29	3.1	1
158	Chemical and CRISPR/Cas9 Tools for Functional Characterization of RNA Helicases		2018, 221-245
157	Structure of human IFIT1 with capped RNA reveals adaptable mRNA binding and mechanisms for sensing N1 and N2 ribose 2SO methylations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E2106-E2115	11.5	52
156	Data in support of a harmine-derived beta-carboline effects in cancer cells through protein synthesis. <i>Data in Brief</i> , 2017 , 12, 546-551	1.2	4
155	A New Natural Product Analog of Blasticidin S Reveals Cellular Uptake Facilitated by the NorA Multidrug Transporter. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	5
154	A harmine-derived beta-carboline displays anti-cancer effects in vitro by targeting protein synthesis. <i>European Journal of Pharmacology</i> , 2017 , 805, 25-35	5.3	37
153	Developing anti-neoplastic biotherapeutics against eIF4F. <i>Cellular and Molecular Life Sciences</i> , 2017 , 74, 1681-1692	10.3	7
152	Polyoxygenated Cyclohexenes and Other Constituents of <i>Cleistochlamys kirkii</i> Leaves. <i>Journal of Natural Products</i> , 2017 , 80, 114-125	4.9	22

151	Huwei1 Regulates the Establishment and Maintenance of Spermatogonia by Suppressing DNA Damage Response. <i>Endocrinology</i> , 2017 , 158, 4000-4016	4.8	16
150	Pterocarpan and isoflavones from the root bark of <i>Millettia micans</i> and of <i>Millettia dura</i> . <i>Phytochemistry Letters</i> , 2017 , 21, 216-220	1.9	7
149	Synthesis facilitates an understanding of the structural basis for translation inhibition by the lissoclimides. <i>Nature Chemistry</i> , 2017 , 9, 1140-1149	17.6	29
148	Isoflavones and Rotenoids from the Leaves of <i>Millettia oblata</i> ssp. <i>teitensis</i> . <i>Journal of Natural Products</i> , 2017 , 80, 2060-2066	4.9	17
147	Dependence of p53-deficient cells on the DHX9 DExH-box helicase. <i>Oncotarget</i> , 2017 , 8, 30908-30921	3.3	4
146	CRISPR/Cas9 Editing to Facilitate and Expand Drug Discovery. <i>Current Gene Therapy</i> , 2017 , 17, 275-285	4.3	3
145	Translation Initiation Factors: Reprogramming Protein Synthesis in Cancer. <i>Trends in Cell Biology</i> , 2016 , 26, 918-933	18.3	77
144	Kaiso mediates human ICR1 methylation maintenance and H19 transcriptional fine regulation. <i>Clinical Epigenetics</i> , 2016 , 8, 47	7.7	10
143	CRISPR-Mediated Drug-Target Validation Reveals Selective Pharmacological Inhibition of the RNA Helicase, eIF4A. <i>Cell Reports</i> , 2016 , 15, 2340-7	10.6	62
142	nanoCAGE reveals 5SUTR features that define specific modes of translation of functionally related MTOR-sensitive mRNAs. <i>Genome Research</i> , 2016 , 26, 636-48	9.7	129
141	Hippuristanol - A potent steroid inhibitor of eukaryotic initiation factor 4A. <i>Translation</i> , 2016 , 4, e1137381		28
140	Translation Inhibition by Rocaglates Is Independent of eIF4E Phosphorylation Status. <i>Molecular Cancer Therapeutics</i> , 2016 , 15, 136-41	6.1	16
139	The biology of DHX9 and its potential as a therapeutic target. <i>Oncotarget</i> , 2016 , 7, 42716-42739	3.3	82
138	Synthesis of Aza-Rocaglates via ESIPT-Mediated (3+2) Photocycloaddition. <i>Chemistry - A European Journal</i> , 2016 , 22, 12006-10	4.8	23
137	A CRISPR/Cas9 Functional Screen Identifies Rare Tumor Suppressors. <i>Scientific Reports</i> , 2016 , 6, 38968	4.9	29
136	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, 313-28	6.8	13
135	Haploinsufficiency of the ESCRT Component HD-PTP Predisposes to Cancer. <i>Cell Reports</i> , 2016 , 15, 1893-1900	12.0	25
134	Targeting the translation machinery in cancer. <i>Nature Reviews Drug Discovery</i> , 2015 , 14, 261-78	64.1	477

133	Differential action of pateamine A on translation of genomic and subgenomic mRNAs from Sindbis virus. <i>Virology</i> , 2015 , 484, 41-50	3.6	14
132	Increased in vitro and in vivo sensitivity of BRCA2-associated pancreatic cancer to the poly(ADP-ribose) polymerase-1/2 inhibitor BMN 673. <i>Cancer Letters</i> , 2015 , 364, 8-16	9.9	19
131	Obatoclax 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	4.8	15
130	eIF4AII is dispensable for miRNA-mediated gene silencing. <i>Rna</i> , 2015 , 21, 1826-33	5.8	33
129	Targeting the eIF4A RNA helicase as an anti-neoplastic approach. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2015 , 1849, 781-91	6	57
128	Consecutive interactions with HSP90 and eEF1A underlie a functional maturation and storage pathway of AID in the cytoplasm. <i>Journal of Experimental Medicine</i> , 2015 , 212, 581-96	16.6	28
127	PAM multiplicity marks genomic target sites as inhibitory to CRISPR-Cas9 editing. <i>Nature Communications</i> , 2015 , 6, 10124	17.4	37
126	Pharmacological inhibition of DNA-PK stimulates Cas9-mediated genome editing. <i>Genome Medicine</i> , 2015 , 7, 93	14.4	141
125	The energy sensor AMPK regulates T cell metabolic adaptation and effector responses in vivo. <i>Immunity</i> , 2015 , 42, 41-54	32.3	372
124	Targeting the eIF4F translation initiation complex: a critical nexus for cancer development. <i>Cancer Research</i> , 2015 , 75, 250-63	10.1	220
123	Establishment of a Primary Screening Assay for the DHX9 Helicase. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2015 , 18, 855-61	1.3	2
122	Suppression of the DHX9 helicase induces premature senescence in human diploid fibroblasts in a p53-dependent manner. <i>Journal of Biological Chemistry</i> , 2014 , 289, 22798-22814	5.4	28
121	RNA G-quadruplexes cause eIF4A-dependent oncogene translation in cancer. <i>Nature</i> , 2014 , 513, 65-70	50.4	377
120	Synthesis of the antiproliferative agent hippuristanol and its analogues from hydrocortisone via Hg(II)-catalyzed spiroketalization: structure-activity relationship. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 2511-23	8.3	13
119	MicroRNAs trigger dissociation of eIF4AI and eIF4AII from target mRNAs in humans. <i>Molecular Cell</i> , 2014 , 56, 79-89	17.6	99
118	Stimulators of translation identified during a small molecule screening campaign. <i>Analytical Biochemistry</i> , 2014 , 447, 6-14	3.1	3
117	Single-molecule kinetics of the eukaryotic initiation factor 4AI upon RNA unwinding. <i>Structure</i> , 2014 , 22, 941-8	5.2	39
116	Regulation of eukaryotic initiation factor 4AII by MyoD during murine myogenic cell differentiation. <i>PLoS ONE</i> , 2014 , 9, e87237	3.7	8

115	Conditional reverse tet-transactivator mouse strains for the efficient induction of TRE-regulated transgenes in mice. <i>PLoS ONE</i> , 2014 , 9, e95236	3.7	49
114	Protospacer adjacent motif (PAM)-distal sequences engage CRISPR Cas9 DNA target cleavage. <i>PLoS ONE</i> , 2014 , 9, e109213	3.7	73
113	Translation initiation factor eIF4F modifies the dexamethasone response in multiple myeloma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 13421-6	11.5	43
112	Internal translation initiation from HIV-1 transcripts is conferred by a common RNA structure. <i>Translation</i> , 2014 , 2, e27694		14
111	Adapting CRISPR/Cas9 for functional genomics screens. <i>Methods in Enzymology</i> , 2014 , 546, 193-213	1.7	16
110	RNA Helicases and Their Cofactors 2014 , 115-134		1
109	Current and Emerging Therapies Targeting Translation 2014 , 279-304		
108	Repurposing CRISPR/Cas9 for in situ functional assays. <i>Genes and Development</i> , 2013 , 27, 2602-14	12.6	102
107	Multiple components of eIF4F are required for protein synthesis-dependent hippocampal long-term potentiation. <i>Journal of Neurophysiology</i> , 2013 , 109, 68-76	3.2	28
106	Perturbations of RNA helicases in cancer. <i>Wiley Interdisciplinary Reviews RNA</i> , 2013 , 4, 333-49	9.3	34
105	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	6	9
104	Minor C-geranylated flavanones from Paulownia tomentosa fruits with MRSA antibacterial activity. <i>Phytochemistry</i> , 2013 , 89, 104-13	4	36
103	Evidence for a functionally relevant rocaglamide binding site on the eIF4A-RNA complex. <i>ACS Chemical Biology</i> , 2013 , 8, 1519-27	4.9	83
102	Requirements for eIF4A and eIF2 during translation of Sindbis virus subgenomic mRNA in vertebrate and invertebrate host cells. <i>Cellular Microbiology</i> , 2013 , 15, 823-40	3.9	25
101	The von Hippel-Lindau protein pVHL inhibits ribosome biogenesis and protein synthesis. <i>Journal of Biological Chemistry</i> , 2013 , 288, 16588-16597	5.4	14
100	RNAi screening uncovers Dhx9 as a modifier of ABT-737 resistance in an E μ myc/Bcl-2 mouse model. <i>Blood</i> , 2013 , 121, 3402-12	2.2	28
99	Suppression of eukaryotic initiation factor 4E prevents chemotherapy-induced alopecia. <i>BMC Pharmacology & Toxicology</i> , 2013 , 14, 58	2.6	7
98	Inhibitors of translation targeting eukaryotic translation initiation factor 4A. <i>Methods in Enzymology</i> , 2012 , 511, 437-61	1.7	18

97	Targeting synthetic lethal interactions between Myc and the eIF4F complex impedes tumorigenesis. <i>Cell Reports</i> , 2012 , 1, 325-33	10.6	72
96	Eukaryotic initiation factor 4F: a vulnerability of tumor cells. <i>Future Medicinal Chemistry</i> , 2012 , 4, 19-31	4.1	23
95	A cellular response linking eIF4A1 activity to eIF4A11 transcription. <i>Rna</i> , 2012 , 18, 1373-84	5.8	78
94	Emerging therapeutics targeting mRNA translation. <i>Cold Spring Harbor Perspectives in Biology</i> , 2012 , 4, a012377	10.2	46
93	Synthesis of rocaglamide hydroxamates and related compounds as eukaryotic translation inhibitors: synthetic and biological studies. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 558-62	8.3	71
92	A tumour suppressor network relying on the polyamine-hypusine axis. <i>Nature</i> , 2012 , 487, 244-8	50.4	115
91	The translation inhibitor pateamine A prevents cachexia-induced muscle wasting in mice. <i>Nature Communications</i> , 2012 , 3, 896	17.4	48
90	Inhibiting mitochondrial-dependent proteolysis of Mcl-1 promotes resistance to DNA damage. <i>Cell Cycle</i> , 2012 , 11, 88-98	4.7	3
89	Tumor progression and metastasis: role of translational deregulation. <i>Anticancer Research</i> , 2012 , 32, 3077-84	2.3	13
88	Synthesis of the antiproliferative agent hippuristanol and its analogues via SuFEx cyclizations and Hg(II)-catalyzed spiroketalizations. <i>Journal of Organic Chemistry</i> , 2011 , 76, 1269-84	4.2	47
87	Phenylpyrrolocytosine as an unobtrusive base modification for monitoring activity and cellular trafficking of siRNA. <i>ACS Chemical Biology</i> , 2011 , 6, 912-9	4.9	32
86	The human insulin mRNA is partly translated via a cap- and eIF4A-independent mechanism. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 412, 693-8	3.4	15
85	Cycloheximide and congeners as inhibitors of eukaryotic protein synthesis from endophytic actinomycetes <i>Streptomyces</i> sps. YIM56132 and YIM56141. <i>Journal of Antibiotics</i> , 2011 , 64, 163-6	3.7	19
84	Blocking eIF4E-eIF4G interaction as a strategy to impair coronavirus replication. <i>Journal of Virology</i> , 2011 , 85, 6381-9	6.6	73
83	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, 1046-51	11.5	131
82	Structural conservation of druggable hot spots in protein-protein interfaces. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 13528-33	11.5	181
81	Therapeutic inhibition of MAP kinase interacting kinase blocks eukaryotic initiation factor 4E phosphorylation and suppresses outgrowth of experimental lung metastases. <i>Cancer Research</i> , 2011 , 71, 1849-57	10.1	158
80	The herpes simplex virus 1 vhs protein enhances translation of viral true late mRNAs and virus production in a cell type-dependent manner. <i>Journal of Virology</i> , 2011 , 85, 5363-73	6.6	50

79	Targeting cap-dependent translation blocks converging survival signals by AKT and PIM kinases in lymphoma. <i>Journal of Experimental Medicine</i> , 2011 , 208, 1799-807	16.6	95
78	Targeting translation dependence in cancer. <i>Oncotarget</i> , 2011 , 2, 76-88	3.3	46
77	The antidepressant sertraline inhibits translation initiation by curtailing mammalian target of rapamycin signaling. <i>Cancer Research</i> , 2010 , 70, 3199-208	10.1	44
76	Synergistic effects between analogs of DNA and RNA improve the potency of siRNA-mediated gene silencing. <i>Nucleic Acids Research</i> , 2010 , 38, 4547-57	20.1	71
75	Inhibition of translation by cytotrienin A—a member of the ansamycin family. <i>Rna</i> , 2010 , 16, 2404-13	5.8	13
74	Efficient synthetic approach to potent antiproliferative agent hippuristanol via Hg(II)-catalyzed spiroketalization. <i>Organic Letters</i> , 2010 , 12, 4420-3	6.2	43
73	Characterization of hMTr1, a human Cap1 2SO-ribose methyltransferase. <i>Journal of Biological Chemistry</i> , 2010 , 285, 33037-33044	5.4	89
72	Biomimetic photocycloaddition of 3-hydroxyflavones: synthesis and evaluation of rocaglate derivatives as inhibitors of eukaryotic translation. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 6533-8	16.4	52
71	Synergistic effect of inhibiting translation initiation in combination with cytotoxic agents in acute myelogenous leukemia cells. <i>Leukemia Research</i> , 2010 , 34, 535-41	2.7	51
70	Antitumor activity and mechanism of action of the cyclopenta[b]benzofuran, silvestrol. <i>PLoS ONE</i> , 2009 , 4, e5223	3.7	213
69	Altering chemosensitivity by modulating translation elongation. <i>PLoS ONE</i> , 2009 , 4, e5428	3.7	71
68	Persistent transcription- and translation-dependent long-term potentiation induced by mGluR1 in hippocampal interneurons. <i>Journal of Neuroscience</i> , 2009 , 29, 5605-15	6.6	34
67	2S3SCyclic nucleotide 3Sphosphodiesterase: a novel RNA-binding protein that inhibits protein synthesis. <i>Journal of Neuroscience Research</i> , 2009 , 87, 1069-79	4.4	35
66	Blocking UV-induced eIF2alpha phosphorylation with small molecule inhibitors of GCN2. <i>Chemical Biology and Drug Design</i> , 2009 , 74, 57-67	2.9	24
65	High-throughput assays probing protein-RNA interactions of eukaryotic translation initiation factors. <i>Analytical Biochemistry</i> , 2009 , 384, 180-8	3.1	10
64	Inhibitors of translation initiation as cancer therapeutics. <i>Future Medicinal Chemistry</i> , 2009 , 1, 1709-22	4.1	31
63	Translation initiation: a critical signalling node in cancer. <i>Expert Opinion on Therapeutic Targets</i> , 2009 , 13, 1279-93	6.4	40
62	Downstream from mTOR: Therapeutic Approaches to Targeting the eIF4F Translation Initiation Complex 2009 , 257-285		

61	Tumorigenic activity and therapeutic inhibition of Rheb GTPase. <i>Genes and Development</i> , 2008 , 22, 2178-886	8.6	92
60	Cap-dependent eukaryotic initiation factor-mRNA interactions probed by cross-linking. <i>Rna</i> , 2008 , 14, 960-9	5.8	37
59	mTORC1 promotes survival through translational control of Mcl-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 10853-8	11.5	220
58	c-Myc and eIF4F are components of a feedforward loop that links transcription and translation. <i>Cancer Research</i> , 2008 , 68, 5326-34	10.1	128
57	Therapeutic suppression of translation initiation modulates chemosensitivity in a mouse lymphoma model. <i>Journal of Clinical Investigation</i> , 2008 , 118, 2651-60	15.9	224
56	Selective pharmacological targeting of a DEAD box RNA helicase. <i>PLoS ONE</i> , 2008 , 3, e1583	3.7	100
55	Enantioselective synthesis of the complex rocaglate (-)-silvestrol. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 7831-4	16.4	97
54	Enantioselective Synthesis of the Complex Rocaglate (±)-Silvestrol. <i>Angewandte Chemie</i> , 2007 , 119, 7977-7980	16.4	16
53	Homogenous time resolved fluorescence assay to identify modulators of cap-dependent translation initiation. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2007 , 10, 181-8	1.3	7
52	Dissecting eIF4E action in tumorigenesis. <i>Genes and Development</i> , 2007 , 21, 3232-7	12.6	363
51	2Sfluoro-4Sthioarabino-modified oligonucleotides: conformational switches linked to siRNA activity. <i>Nucleic Acids Research</i> , 2007 , 35, 1441-51	20.1	69
50	Identifying small molecule inhibitors of eukaryotic translation initiation. <i>Methods in Enzymology</i> , 2007 , 431, 269-302	1.7	15
49	eIF2alpha phosphorylation bidirectionally regulates the switch from short- to long-term synaptic plasticity and memory. <i>Cell</i> , 2007 , 129, 195-206	56.2	359
48	Inhibition of ribosome recruitment induces stress granule formation independently of eukaryotic initiation factor 2alpha phosphorylation. <i>Molecular Biology of the Cell</i> , 2006 , 17, 4212-9	3.5	242
47	Determinants of sensitivity and resistance to rapamycin-chemotherapy drug combinations in vivo. <i>Cancer Research</i> , 2006 , 66, 7639-46	10.1	94
46	Initiation of protein synthesis by hepatitis C virus is refractory to reduced eIF2.GTP.Met-tRNA(i)(Met) ternary complex availability. <i>Molecular Biology of the Cell</i> , 2006 , 17, 4632-44	3.5	100
45	Chlorolissoclimides: new inhibitors of eukaryotic protein synthesis. <i>Rna</i> , 2006 , 12, 717-25	5.8	45
44	Hepatitis C virus-related internal ribosome entry sites are found in multiple genera of the family Picornaviridae. <i>Journal of General Virology</i> , 2006 , 87, 927-936	4.9	41

43	Caliciviruses differ in their functional requirements for eIF4F components. <i>Journal of Biological Chemistry</i> , 2006 , 281, 25315-25	5.4	102
42	The Tie2 5' untranslated region is inhibitory to 5' end-mediated translation initiation. <i>FEBS Letters</i> , 2006 , 580, 1309-19	3.8	7
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2	Modulation of RNA condensation by the DEAD-box protein eIF4A		1
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