

Stuart Milstein

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

9,384
citations

236925

25
h-index

434195

31
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33
all docs

33
docs citations

33
times ranked

12054
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards a proteome-scale map of the human protein-protein interaction network. <i>Nature</i> , 2005, 437, 1173-1178.	27.8	2,676
2	A Map of the Interactome Network of the Metazoan <i>C. elegans</i> . <i>Science</i> , 2004, 303, 540-543.	12.6	1,587
3	Multivalent N-Acetylgalactosamine-Conjugated siRNA Localizes in Hepatocytes and Elicits Robust RNAi-Mediated Gene Silencing. <i>Journal of the American Chemical Society</i> , 2014, 136, 16958-16961.	13.7	825
4	Therapeutic siRNA silencing in inflammatory monocytes in mice. <i>Nature Biotechnology</i> , 2011, 29, 1005-1010.	17.5	697
5	A Conserved Checkpoint Pathway Mediates DNA Damage-Induced Apoptosis and Cell Cycle Arrest in <i>C. elegans</i> . <i>Molecular Cell</i> , 2000, 5, 435-443.	9.7	476
6	Edgetic perturbation models of human inherited disorders. <i>Molecular Systems Biology</i> , 2009, 5, 321.	7.2	326
7	Empirically controlled mapping of the <i>Caenorhabditis elegans</i> protein-protein interactome network. <i>Nature Methods</i> , 2009, 6, 47-54.	19.0	260
8	hORFeome v3.1: A resource of human open reading frames representing over 10,000 human genes. <i>Genomics</i> , 2007, 89, 307-315.	2.9	248
9	An RNAi therapeutic targeting antithrombin to rebalance the coagulation system and promote hemostasis in hemophilia. <i>Nature Medicine</i> , 2015, 21, 492-497.	30.7	247
10	<i>Caenorhabditis elegans</i> HUS-1 Is a DNA Damage Checkpoint Protein Required for Genome Stability and EGL-1-Mediated Apoptosis. <i>Current Biology</i> , 2002, 12, 1908-1918.	3.9	244
11	Advanced siRNA Designs Further Improve In Vivo Performance of GalNAc-siRNA Conjugates. <i>Molecular Therapy</i> , 2018, 26, 708-717.	8.2	202
12	A Protein Domain-Based Interactome Network for <i>C. elegans</i> Early Embryogenesis. <i>Cell</i> , 2008, 134, 534-545.	28.9	196
13	siRNA Conjugates Carrying Sequentially Assembled Trivalent N-Acetylgalactosamine Linked Through Nucleosides Elicit Robust Gene Silencing In Vivo in Hepatocytes. <i>ACS Chemical Biology</i> , 2015, 10, 1181-1187.	3.4	173
14	Hepatocyte-Specific Delivery of siRNAs Conjugated to Novel Non-nucleosidic Trivalent N-Acetylgalactosamine Elicits Robust Gene Silencing in Vivo. <i>ChemBioChem</i> , 2015, 16, 903-908.	2.6	151
15	Systematic Interactome Mapping and Genetic Perturbation Analysis of a <i>C. elegans</i> TGF- β Signaling Network. <i>Molecular Cell</i> , 2004, 13, 469-482.	9.7	136
16	Systemic RNAi-mediated Gene Silencing in Nonhuman Primate and Rodent Myeloid Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2012, 1, e4.	5.1	112
17	Improving dendritic cell vaccine immunogenicity by silencing PD-1 ligands using siRNA-lipid nanoparticles combined with antigen mRNA electroporation. <i>Cancer Immunology, Immunotherapy</i> , 2013, 62, 285-297.	4.2	111
18	<i>C. elegans</i> ORFeome Version 3.1: Increasing the Coverage of ORFeome Resources With Improved Gene Predictions. <i>Genome Research</i> , 2004, 14, 2064-2069.	5.5	107

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19	Preclinical Development of a Subcutaneous ALAS1 RNAi Therapeutic for Treatment of Hepatic Porphyrrias Using Circulating RNA Quantification. <i>Molecular Therapy - Nucleic Acids</i> , 2015, 4, e263.	5.1	107
20	Preclinical evaluation of RNAi as a treatment for transthyretin-mediated amyloidosis. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2016, 23, 109-118.	3.0	89
21	Expanding RNAi therapeutics to extrahepatic tissues with lipophilic conjugates. <i>Nature Biotechnology</i> , 2022, 40, 1500-1508.	17.5	79
22	Knockdown of Virus Antigen Expression Increases Therapeutic Vaccine Efficacy in High-Titer Hepatitis B Virus Carrier Mice. <i>Gastroenterology</i> , 2020, 158, 1762-1775.e9.	1.3	78
23	'Edgetic' perturbation of a <i>C. elegans</i> BCL2 ortholog. <i>Nature Methods</i> , 2009, 6, 843-849.	19.0	71
24	<i>C. elegans</i> GLA-3 is a novel component of the MAP kinase MPK-1 signaling pathway required for germ cell survival. <i>Genes and Development</i> , 2006, 20, 2279-2292.	5.9	53
25	From bench to bedside: Improving the clinical safety of GalNAc-siRNA conjugates using seed-pairing destabilization. <i>Nucleic Acids Research</i> , 2022, 50, 6656-6670.	14.5	28
26	Apparent transgenerational effects of host plant in the leaf beetle <i>Ophraella notulata</i> (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.0	27
27	From genome to proteome: developing expression clone resources for the human genome. <i>Human Molecular Genetics</i> , 2006, 15, R31-R43.	2.9	26
28	RNA interference therapeutics targeting angiotensinogen ameliorate preeclamptic phenotype in rodent models. <i>Journal of Clinical Investigation</i> , 2020, 130, 2928-2942.	8.2	25
29	Large-scale RACE approach for proactive experimental definition of <i>C. elegans</i> ORFeome. <i>Genome Research</i> , 2009, 19, 2334-2342.	5.5	12
30	Improving Drug Discovery by Nucleic Acid Delivery in Engineered Human Microlivers. <i>Cell Metabolism</i> , 2019, 29, 727-735.e3.	16.2	10
31	Differential regulation of germ line apoptosis and germ cell differentiation by CPEB family members in <i>C. elegans</i> . <i>PLoS ONE</i> , 2017, 12, e0182270.	2.5	5
32	Methods to Identify and Characterize siRNAs Targeting Serpin A1 In Vitro and In Vivo Using RNA Interference. <i>Methods in Molecular Biology</i> , 2017, 1639, 115-126.	0.9	0