

Pamela A Silver

List of Publications by Year in descending order

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173
papers

23,296
citations

5558

82
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8599

146
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all docs

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docs citations

227
times ranked

26824
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural and Designed Proteins Inspired by Extremotolerant Organisms Can Form Condensates and Attenuate Apoptosis in Human Cells. <i>ACS Synthetic Biology</i> , 2022, 11, 1292-1302.	1.9	9
2	High-Content Screening and Computational Prediction Reveal Viral Genes That Suppress the Innate Immune Response. <i>MSystems</i> , 2022, 7, e0146621.	1.7	5
3	Exploring targeting peptide-shell interactions in encapsulin nanocompartments. <i>Scientific Reports</i> , 2021, 11, 4951.	1.6	24
4	Theranostic cells: emerging clinical applications of synthetic biology. <i>Nature Reviews Genetics</i> , 2021, 22, 730-746.	7.7	49
5	Modular and Single-Cell Sensors of Bacterial Ser/Thr Kinase Activity. <i>ACS Synthetic Biology</i> , 2021, 10, 2340-2350.	1.9	2
6	Rational engineering of an erythropoietin fusion protein to treat hypoxia. <i>Protein Engineering, Design and Selection</i> , 2021, 34, .	1.0	3
7	Rational Design of a Bifunctional AND-Gate Ligand To Modulate Cell-Cell Interactions. <i>ACS Synthetic Biology</i> , 2020, 9, 191-197.	1.9	6
8	Valorization of CO ₂ through lithoautotrophic production of sustainable chemicals in <i>Cupriavidus necator</i> . <i>Metabolic Engineering</i> , 2020, 62, 207-220.	3.6	60
9	In situ reprogramming of gut bacteria by oral delivery. <i>Nature Communications</i> , 2020, 11, 5030.	5.8	58
10	Barcoded microbial system for high-resolution object provenance. <i>Science</i> , 2020, 368, 1135-1140.	6.0	27
11	Enabling community-based metrology for wood-degrading fungi. <i>Fungal Biology and Biotechnology</i> , 2020, 7, 2.	2.5	8
12	The case for biotech on Mars. <i>Nature Biotechnology</i> , 2020, 38, 401-407.	9.4	53
13	Synthetic Cassettes for pH-Mediated Sensing, Counting, and Containment. <i>Cell Reports</i> , 2020, 30, 3139-3148.e4.	2.9	36
14	Toward a translationally independent RNA-based synthetic oscillator using deactivated CRISPR-Cas. <i>Nucleic Acids Research</i> , 2020, 48, 8165-8177.	6.5	18
15	Stable Neutralization of a Virulence Factor in Bacteria Using Temperate Phage in the Mammalian Gut. <i>MSystems</i> , 2020, 5, .	1.7	36
16	Genetic tool development in marine protists: emerging model organisms for experimental cell biology. <i>Nature Methods</i> , 2020, 17, 481-494.	9.0	97
17	Controlling the Implementation of Transgenic Microbes: Are We Ready for What Synthetic Biology Has to Offer?. <i>Molecular Cell</i> , 2020, 78, 614-623.	4.5	28
18	Engineered Interspecies Amino Acid Cross-Feeding Increases Population Evenness in a Synthetic Bacterial Consortium. <i>MSystems</i> , 2019, 4, .	1.7	39

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19	Bacterial variability in the mammalian gut captured by a single-cell synthetic oscillator. <i>Nature Communications</i> , 2019, 10, 4665.	5.8	54
20	De novo-designed translation-repressing riboregulators for multi-input cellular logic. <i>Nature Chemical Biology</i> , 2019, 15, 1173-1182.	3.9	90
21	Identification of a Fifth Antibacterial Toxin Produced by a Single <i>Bacteroides fragilis</i> Strain. <i>Journal of Bacteriology</i> , 2019, 201, .	1.0	19
22	Harnessing undomesticated life. <i>Nature Microbiology</i> , 2019, 4, 212-213.	5.9	8
23	Dynamic Modulation of the Gut Microbiota and Metabolome by Bacteriophages in a Mouse Model. <i>Cell Host and Microbe</i> , 2019, 25, 803-814.e5.	5.1	317
24	Synthetic Gene Circuits Enable Systems-Level Biosensor Trigger Discovery at the Host-Microbe Interface. <i>MSystems</i> , 2019, 4, .	1.7	32
25	Early-Career Scientists Shaping the World. <i>MSystems</i> , 2019, 4, .	1.7	0
26	Beyond the Four Bases: A Home Run for Synthetic Epigenetic Control?. <i>Molecular Cell</i> , 2019, 74, 5-7.	4.5	6
27	The Discovery of Twenty-Eight New Encapsulin Sequences, Including Three in Anammox Bacteria. <i>Scientific Reports</i> , 2019, 9, 20122.	1.6	34
28	A Synthetic System That Senses <i>Candida albicans</i> and Inhibits Virulence Factors. <i>ACS Synthetic Biology</i> , 2019, 8, 434-444.	1.9	18
29	Large protein organelles form a new iron sequestration system with high storage capacity. <i>ELife</i> , 2019, 8, .	2.8	92
30	Minimizing side effects, maximizing returns: what makes a smart therapeutic design?. <i>Biochemist</i> , 2019, 41, 28-32.	0.2	0
31	Prokaryotic nanocompartments form synthetic organelles in a eukaryote. <i>Nature Communications</i> , 2018, 9, 1311.	5.8	107
32	Engineering bacteria for diagnostic and therapeutic applications. <i>Nature Reviews Microbiology</i> , 2018, 16, 214-225.	13.6	267
33	Chimeric Fatty Acyl-Acyl Carrier Protein Thioesterases Provide Mechanistic Insight into Enzyme Specificity and Expression. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	15
34	Solar-powered CO ₂ reduction by a hybrid biological inorganic system. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 358, 411-415.	2.0	29
35	Synthetic genome recoding: new genetic codes for new features. <i>Current Genetics</i> , 2018, 64, 327-333.	0.8	16
36	<i>Escherichia coli</i> NGF-1, a Genetically Tractable, Efficiently Colonizing Murine Gut Isolate. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.3	6

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37	Mammalian Cells Engineered To Produce New Steroids. <i>ChemBioChem</i> , 2018, 19, 1827-1833.	1.3	1
38	Quorum Sensing Can Be Repurposed To Promote Information Transfer between Bacteria in the Mammalian Gut. <i>ACS Synthetic Biology</i> , 2018, 7, 2270-2281.	1.9	26
39	Efficient size-independent chromosome delivery from yeast to cultured cell lines. <i>Nucleic Acids Research</i> , 2017, 45, gkw1252.	6.5	18
40	Engineering carbon fixation with artificial protein organelles. <i>Current Opinion in Biotechnology</i> , 2017, 46, 42-50.	3.3	45
41	Widespread distribution of encapsulin nanocompartments reveals functional diversity. <i>Nature Microbiology</i> , 2017, 2, 17029.	5.9	129
42	Large-scale recoding of a bacterial genome by iterative recombineering of synthetic DNA. <i>Nucleic Acids Research</i> , 2017, 45, 6971-6980.	6.5	54
43	Ambient nitrogen reduction cycle using a hybrid inorganic-biological system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6450-6455.	3.3	167
44	Engineered bacteria can function in the mammalian gut long-term as live diagnostics of inflammation. <i>Nature Biotechnology</i> , 2017, 35, 653-658.	9.4	283
45	¹³ C-Labeling the carbon-fixation pathway of a highly efficient artificial photosynthetic system. <i>Faraday Discussions</i> , 2017, 198, 529-537.	1.6	11
46	Superresolution microscopy of the $\hat{1}^2$ -carboxysome reveals a homogeneous matrix. <i>Molecular Biology of the Cell</i> , 2017, 28, 2734-2745.	0.9	14
47	Rational Design of Evolutionarily Stable Microbial Kill Switches. <i>Molecular Cell</i> , 2017, 68, 686-697.e3.	4.5	108
48	Biological-inorganic hybrid systems as a generalized platform for chemical production. <i>Current Opinion in Chemical Biology</i> , 2017, 41, 107-113.	2.8	36
49	Synthetic photosynthetic consortia define interactions leading to robustness and photoproduction. <i>Journal of Biological Engineering</i> , 2017, 11, 4.	2.0	97
50	Complex cellular logic computation using ribocomputing devices. <i>Nature</i> , 2017, 548, 117-121.	13.7	321
51	Engineering Genetically-Encoded Mineralization and Magnetism via Directed Evolution. <i>Scientific Reports</i> , 2016, 6, 38019.	1.6	31
52	Ribocomputing devices for sophisticated in vivo logic computation. , 2016, , .		1
53	Targeted erythropoietin selectively stimulates red blood cell expansion in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5245-5250.	3.3	16
54	Synthetic Lipid-Containing Scaffolds Enhance Production by Colocalizing Enzymes. <i>ACS Synthetic Biology</i> , 2016, 5, 1396-1403.	1.9	39

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55	A Catalytic Nanoreactor Based on in Vivo Encapsulation of Multiple Enzymes in an Engineered Protein Nanocompartment. <i>ChemBioChem</i> , 2016, 17, 1931-1935.	1.3	102
56	<i>Streptomyces thermoautotrophicus</i> does not fix nitrogen. <i>Scientific Reports</i> , 2016, 6, 20086.	1.6	31
57	Creating Single-Copy Genetic Circuits. <i>Molecular Cell</i> , 2016, 63, 329-336.	4.5	62
58	Converting a Natural Protein Compartment into a Nanofactory for the Size-Constrained Synthesis of Antimicrobial Silver Nanoparticles. <i>ACS Synthetic Biology</i> , 2016, 5, 1497-1504.	1.9	65
59	Building Spatial Synthetic Biology with Compartments, Scaffolds, and Communities. <i>Cold Spring Harbor Perspectives in Biology</i> , 2016, 8, a024018.	2.3	46
60	Grown, Printed, and Biologically Augmented: An Additively Manufactured Microfluidic Wearable, Functionally Templated for Synthetic Microbes. <i>3D Printing and Additive Manufacturing</i> , 2016, 3, 79-89.	1.4	32
61	Water splittingâ€“biosynthetic system with CO ₂ reduction efficiencies exceeding photosynthesis. <i>Science</i> , 2016, 352, 1210-1213.	6.0	760
62	The Genome Project-Write. <i>Science</i> , 2016, 353, 126-127.	6.0	194
63	Engineering acyl carrier protein to enhance production of shortened fatty acids. <i>Biotechnology for Biofuels</i> , 2016, 9, 24.	6.2	19
64	A Tunable Protein Piston That Breaks Membranes to Release Encapsulated Cargo. <i>ACS Synthetic Biology</i> , 2016, 5, 303-311.	1.9	19
65	Tools for the Microbiome: Nano and Beyond. <i>ACS Nano</i> , 2016, 10, 6-37.	7.3	137
66	Encapsulation as a Strategy for the Design of Biological Compartmentalization. <i>Journal of Molecular Biology</i> , 2016, 428, 916-927.	2.0	58
67	Identification and selective expansion of functionally superior T cells expressing chimeric antigen receptors. <i>Journal of Translational Medicine</i> , 2015, 13, 161.	1.8	24
68	Synthetic biology expands chemical control of microorganisms. <i>Current Opinion in Chemical Biology</i> , 2015, 28, 20-28.	2.8	27
69	A distributed cell division counter reveals growth dynamics in the gut microbiota. <i>Nature Communications</i> , 2015, 6, 10039.	5.8	50
70	Using synthetic RNAs as scaffolds and regulators. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 8-10.	3.6	26
71	Efficient solar-to-fuels production from a hybrid microbialâ€“water-splitting catalyst system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2337-2342.	3.3	366
72	Transplantability of a circadian clock to a noncircadian organism. <i>Science Advances</i> , 2015, 1, .	4.7	29

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73	Better together: engineering and application of microbial symbioses. <i>Current Opinion in Biotechnology</i> , 2015, 36, 40-49.	3.3	226
74	<i>In vivo</i> co-localization of enzymes on RNA scaffolds increases metabolic production in a geometrically dependent manner. <i>Nucleic Acids Research</i> , 2014, 42, 9493-9503.	6.5	143
75	HITS-CLIP and Integrative Modeling Define the Rbfox Splicing-Regulatory Network Linked to Brain Development and Autism. <i>Cell Reports</i> , 2014, 6, 1139-1152.	2.9	326
76	Programmable bacteria detect and record an environmental signal in the mammalian gut. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4838-4843.	3.3	306
77	Integrating Biological Redesign: Where Synthetic Biology Came From and Where It Needs to Go. <i>Cell</i> , 2014, 157, 151-161.	13.5	211
78	Synthetic biology in mammalian cells: next generation research tools and therapeutics. <i>Nature Reviews Molecular Cell Biology</i> , 2014, 15, 95-107.	16.1	246
79	Designing Cell-Targeted Therapeutic Proteins Reveals the Interplay between Domain Connectivity and Cell Binding. <i>Biophysical Journal</i> , 2014, 107, 2456-2466.	0.2	6
80	Toehold Switches: De-Novo-Designed Regulators of Gene Expression. <i>Cell</i> , 2014, 159, 925-939.	13.5	646
81	Rapid construction of insulated genetic circuits via synthetic sequence-guided isothermal assembly. <i>Nucleic Acids Research</i> , 2014, 42, 681-689.	6.5	72
82	Unique nucleotide sequence-guided assembly of repetitive DNA parts for synthetic biology applications. <i>Nature Protocols</i> , 2014, 9, 2075-2089.	5.5	64
83	Transient Gene Expression in Tobacco using Gibson Assembly and the Gene Gun. <i>Journal of Visualized Experiments</i> , 2014, , .	0.2	7
84	Induced sensitivity of <i>Bacillus subtilis</i> colony morphology to mechanical media compression. <i>PeerJ</i> , 2014, 2, e597.	0.9	5
85	Tailored fatty acid synthesis via dynamic control of fatty acid elongation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11290-11295.	3.3	171
86	Expression of the sub-pathways of the <i>Chloroflexus aurantiacus</i> 3-hydroxypropionate carbon fixation bicycle in <i>E. coli</i> : Toward horizontal transfer of autotrophic growth. <i>Metabolic Engineering</i> , 2013, 16, 130-139.	3.6	73
87	Two- and three-input TALE-based AND logic computation in embryonic stem cells. <i>Nucleic Acids Research</i> , 2013, 41, 9967-9975.	6.5	59
88	The Bacterial Carbon-Fixing Organelle Is Formed by Shell Envelopment of Preassembled Cargo. <i>PLoS ONE</i> , 2013, 8, e76127.	1.1	114
89	Dynamics simulations for engineering macromolecular interactions. <i>Chaos</i> , 2013, 23, 025110.	1.0	10
90	A tunable zinc finger-based framework for Boolean logic computation in mammalian cells. <i>Nucleic Acids Research</i> , 2012, 40, 5180-5187.	6.5	105

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91	Induction of Biogenic Magnetization and Redox Control by a Component of the Target of Rapamycin Complex 1 Signaling Pathway. <i>PLoS Biology</i> , 2012, 10, e1001269.	2.6	48
92	Engineering synthetic TAL effectors with orthogonal target sites. <i>Nucleic Acids Research</i> , 2012, 40, 7584-7595.	6.5	137
93	Modularity of a carbon-fixing protein organelle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 478-483.	3.3	231
94	Improving carbon fixation pathways. <i>Current Opinion in Chemical Biology</i> , 2012, 16, 337-344.	2.8	129
95	Synthetic meets cell biology. <i>Molecular Biology of the Cell</i> , 2012, 23, 967-967.	0.9	0
96	Designing and using RNA scaffolds to assemble proteins in vivo. <i>Nature Protocols</i> , 2012, 7, 1797-1807.	5.5	57
97	Natural strategies for the spatial optimization of metabolism in synthetic biology. <i>Nature Chemical Biology</i> , 2012, 8, 527-535.	3.9	349
98	Designing biological compartmentalization. <i>Trends in Cell Biology</i> , 2012, 22, 662-670.	3.6	257
99	Rerouting Carbon Flux To Enhance Photosynthetic Productivity. <i>Applied and Environmental Microbiology</i> , 2012, 78, 2660-2668.	1.4	298
100	A BioBrick compatible strategy for genetic modification of plants. <i>Journal of Biological Engineering</i> , 2012, 6, 8.	2.0	22
101	Synthetic memory circuits for tracking human cell fate. <i>Genes and Development</i> , 2012, 26, 1486-1497.	2.7	66
102	Parts plus pipes: Synthetic biology approaches to metabolic engineering. <i>Metabolic Engineering</i> , 2012, 14, 223-232.	3.6	119
103	Spatial and Temporal Organization of Chromosome Duplication and Segregation in the Cyanobacterium <i>Synechococcus elongatus</i> PCC 7942. <i>PLoS ONE</i> , 2012, 7, e47837.	1.1	57
104	Rewiring hydrogenase-dependent redox circuits in cyanobacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 3941-3946.	3.3	119
105	Organization of Intracellular Reactions with Rationally Designed RNA Assemblies. <i>Science</i> , 2011, 333, 470-474.	6.0	574
106	Engineering cyanobacteria to generate high-value products. <i>Trends in Biotechnology</i> , 2011, 29, 95-103.	4.9	443
107	A synthetic system links FeFe-hydrogenases to essential <i>E. coli</i> sulfur metabolism. <i>Journal of Biological Engineering</i> , 2011, 5, 7.	2.0	24
108	Synthetic circuit identifies subpopulations with sustained memory of DNA damage. <i>Genes and Development</i> , 2011, 25, 434-439.	2.7	32

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109	Recording cellular experiences of DNA damage. <i>Cell Cycle</i> , 2011, 10, 2410-2411.	1.3	2
110	Sun-driven microbial synthesis of chemicals in space. <i>International Journal of Astrobiology</i> , 2011, 10, 359-364.	0.9	19
111	Towards a Synthetic Chloroplast. <i>PLoS ONE</i> , 2011, 6, e18877.	1.1	59
112	Insulation of a synthetic hydrogen metabolism circuit in bacteria. <i>Journal of Biological Engineering</i> , 2010, 4, 3.	2.0	108
113	Knowing when to change: reprogramming (my) life. <i>Nature Cell Biology</i> , 2010, 12, 730-730.	4.6	0
114	Anti-glycophorin single-chain Fv fusion to low-affinity mutant erythropoietin improves red blood cell-lineage specificity. <i>Protein Engineering, Design and Selection</i> , 2010, 23, 251-260.	1.0	17
115	Spatially Ordered Dynamics of the Bacterial Carbon Fixation Machinery. <i>Science</i> , 2010, 327, 1258-1261.	6.0	289
116	Emergent cooperation in microbial metabolism. <i>Molecular Systems Biology</i> , 2010, 6, 407.	3.2	301
117	Genome-wide RNAi screen discovers functional coupling of alternative splicing and cell cycle control to apoptosis regulation. <i>Cell Cycle</i> , 2010, 9, 4419-4421.	1.3	4
118	Engineering Cyanobacteria To Synthesize and Export Hydrophilic Products. <i>Applied and Environmental Microbiology</i> , 2010, 76, 3462-3466.	1.4	222
119	An Alternative Splicing Network Links Cell-Cycle Control to Apoptosis. <i>Cell</i> , 2010, 142, 625-636.	13.5	273
120	Dynamics in the mixed microbial concourse. <i>Genes and Development</i> , 2010, 24, 2603-2614.	2.7	159
121	Making Biology Easier to Engineer. <i>BioSocieties</i> , 2009, 4, 283-289.	0.8	9
122	Eukaryotic systems broaden the scope of synthetic biology. <i>Journal of Cell Biology</i> , 2009, 187, 589-596.	2.3	38
123	Systems-Level Engineering of Nonfermentative Metabolism in Yeast. <i>Genetics</i> , 2009, 183, 385-397.	1.2	31
124	Learning a Prior on Regulatory Potential from eQTL Data. <i>PLoS Genetics</i> , 2009, 5, e1000358.	1.5	177
125	Harnessing nature's toolbox: regulatory elements for synthetic biology. <i>Journal of the Royal Society Interface</i> , 2009, 6, S535-46.	1.5	42
126	Synthetic biology: exploring and exploiting genetic modularity through the design of novel biological networks. <i>Molecular BioSystems</i> , 2009, 5, 704.	2.9	55

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127	Global analysis of mRNA splicing. <i>Rna</i> , 2008, 14, 197-203.	1.6	69
128	Coupling and coordination in gene expression processes: a systems biology view. <i>Nature Reviews Genetics</i> , 2008, 9, 38-48.	7.7	184
129	Defossilizing Fuel: How Synthetic Biology Can Transform Biofuel Production. <i>ACS Chemical Biology</i> , 2008, 3, 13-16.	1.6	91
130	Enhancement of Cell Type Specificity by Quantitative Modulation of a Chimeric Ligand. <i>Journal of Biological Chemistry</i> , 2008, 283, 8469-8476.	1.6	27
131	Global histone acetylation induces functional genomic reorganization at mammalian nuclear pore complexes. <i>Genes and Development</i> , 2008, 22, 627-639.	2.7	165
132	CARM1 Regulates Estrogen-Stimulated Breast Cancer Growth through Up-regulation of <i>E2F1</i> . <i>Cancer Research</i> , 2008, 68, 301-306.	0.4	176
133	Connecting the Genome to the Cytoplasm. <i>FASEB Journal</i> , 2008, 22, 112.1.	0.2	0
134	Functional Specificity among Ribosomal Proteins Regulates Gene Expression. <i>Cell</i> , 2007, 131, 557-571.	13.5	323
135	Designing biological systems. <i>Genes and Development</i> , 2007, 21, 242-254.	2.7	128
136	Genetically Encoded Short Peptide Tags for Orthogonal Protein Labeling by Sfp and AcpS Phosphopantetheinyl Transferases. <i>ACS Chemical Biology</i> , 2007, 2, 337-346.	1.6	207
137	Rational design of memory in eukaryotic cells. <i>Genes and Development</i> , 2007, 21, 2271-2276.	2.7	208
138	Systems engineering without an engineer: Why we need systems biology. <i>Complexity</i> , 2007, 13, 22-29.	0.9	9
139	Genome-wide analysis of estrogen receptor binding sites. <i>Nature Genetics</i> , 2006, 38, 1289-1297.	9.4	1,227
140	Developmentally induced changes in transcriptional program alter spatial organization across chromosomes. <i>Genes and Development</i> , 2005, 19, 1188-1198.	2.7	171
141	Chromosome-Wide Mapping of Estrogen Receptor Binding Reveals Long-Range Regulation Requiring the Forkhead Protein FoxA1. <i>Cell</i> , 2005, 122, 33-43.	13.5	1,208
142	Arginine methyltransferase affects interactions and recruitment of mRNA processing and export factors. <i>Genes and Development</i> , 2004, 18, 2024-2035.	2.7	119
143	Class II Integrase Mutants with Changes in Putative Nuclear Localization Signals Are Primarily Blocked at a Postnuclear Entry Step of Human Immunodeficiency Virus Type 1 Replication. <i>Journal of Virology</i> , 2004, 78, 12735-12746.	1.5	115
144	Identification of an Evolutionarily Conserved Domain in Human Lens Epithelium-derived Growth Factor/Transcriptional Co-activator p75 (LEDGF/p75) That Binds HIV-1 Integrase. <i>Journal of Biological Chemistry</i> , 2004, 279, 48883-48892.	1.6	248

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145	Nuclear transport and cancer: from mechanism to intervention. <i>Nature Reviews Cancer</i> , 2004, 4, 106-117.	12.8	414
146	PRMT3 is a ribosomal protein methyltransferase that affects the cellular levels of ribosomal subunits. <i>EMBO Journal</i> , 2004, 23, 2641-2650.	3.5	148
147	A systems view of mRNP biology. <i>Genes and Development</i> , 2004, 18, 2845-2860.	2.7	137
148	Genome-Wide Localization of the Nuclear Transport Machinery Couples Transcriptional Status and Nuclear Organization. <i>Cell</i> , 2004, 117, 427-439.	13.5	528
149	A chemical genetic screen identifies inhibitors of regulated nuclear export of a Forkhead transcription factor in PTEN-deficient tumor cells. <i>Cancer Cell</i> , 2003, 4, 463-476.	7.7	329
150	Genome-wide analysis of RNA-protein interactions illustrates specificity of the mRNA export machinery. <i>Nature Genetics</i> , 2003, 33, 155-161.	9.4	187
151	A subset of membrane-associated proteins is ubiquitinated in response to mutations in the endoplasmic reticulum degradation machinery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 12735-12740.	3.3	151
152	Bipartite Signals Mediate Subcellular Targeting of Tail-anchored Membrane Proteins in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2003, 278, 8219-8223.	1.6	156
153	The Genome-Wide Localization of Rsc9, a Component of the RSC Chromatin-Remodeling Complex, Changes in Response to Stress. <i>Molecular Cell</i> , 2002, 9, 563-573.	4.5	135
154	Protein and RNA Export from the Nucleus. <i>Developmental Cell</i> , 2002, 2, 261-272.	3.1	127
155	State of the Arg. <i>Cell</i> , 2001, 106, 5-8.	13.5	414
156	Messenger RNAs are recruited for nuclear export during transcription. <i>Genes and Development</i> , 2001, 15, 1771-1782.	2.7	193
157	The structure and oligomerization of the yeast arginine methyltransferase, Hmt1. <i>Nature Structural Biology</i> , 2000, 7, 1165-1171.	9.7	112
158	Pre-mRNA processing factors are required for nuclear export. <i>Rna</i> , 2000, 6, 1737-1749.	1.6	161
159	Mutants Affecting the Structure of the Cortical Endoplasmic Reticulum in <i>Saccharomyces cerevisiae</i> . <i>Journal of Cell Biology</i> , 2000, 150, 461-474.	2.3	263
160	Mapping Interactions between Nuclear Transport Factors in Living Cells Reveals Pathways through the Nuclear Pore Complex. <i>Molecular Cell</i> , 2000, 5, 133-140.	4.5	135
161	Arginine methylation and binding of Hrp1p to the efficiency element for mRNA 3'-end formation. <i>Rna</i> , 1999, 5, 272-280.	1.6	75
162	Slk19p Is a Centromere Protein That Functions to Stabilize Mitotic Spindles. <i>Journal of Cell Biology</i> , 1999, 146, 415-425.	2.3	136

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163	In or out? Regulating nuclear transport. <i>Current Opinion in Cell Biology</i> , 1999, 11, 241-247.	2.6	131
164	Elimination of Replication Block Protein Fob1 Extends the Life Span of Yeast Mother Cells. <i>Molecular Cell</i> , 1999, 3, 447-455.	4.5	380
165	Interactions between a Nuclear Transporter and a Subset of Nuclear Pore Complex Proteins Depend on Ran GTPase. <i>Molecular and Cellular Biology</i> , 1999, 19, 1547-1557.	1.1	124
166	Unified nomenclature for subunits of the <i>Saccharomyces cerevisiae</i> proteasome regulatory particle. <i>Trends in Biochemical Sciences</i> , 1998, 23, 244-245.	3.7	127
167	Use of time-lapse microscopy to visualize rapid movement of the replication origin region of the chromosome during the cell cycle in <i>Bacillus subtilis</i> . <i>Molecular Microbiology</i> , 1998, 28, 883-892.	1.2	189
168	Identification and Characterization of Two Putative Human Arginine Methyltransferases (HRMT1L1 and Tj ETQq0 0,0 rgBT /Overlock 10	1.3	151
169	The Yeast Dynactin Complex Is Involved in Partitioning the Mitotic Spindle between Mother and Daughter Cells during Anaphase B. <i>Molecular Biology of the Cell</i> , 1998, 9, 1741-1756.	0.9	109
170	Cse1p Is Required for Export of Srp1p/Importin- β from the Nucleus in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 1998, 273, 35142-35146.	1.6	108
171	A GTPase Controlling Nuclear Trafficking: Running the Right Way or Walking RANdomly?. <i>Cell</i> , 1996, 87, 1-4.	13.5	202
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173	Therapeutic potential of retroviral RNAi vectors. , 0, .		3