Michael B O'connor

List of Publications by Year
in descending order

146 papers	15,671 citations	18465 62 h-index	18115 120 g-index
181 all docs	181 docs citations	181 times ranked	10815 citing authors

#	Article	IF	Citations
1	New resources for the Drosophila 4th chromosome: FRT101F enabled mitotic clones and Bloom syndrome helicase enabled meiotic recombination. G3: Genes, Genomes, Genetics, 2022, 12, .	0.8	2
2	The NDNF-like factor Nord is a Hedgehog-induced extracellular BMP modulator that regulates Drosophila wing patterning and growth. ELife, 2022, 11, .	2.8	9
3	A juxtamembrane basolateral targeting motif regulates signaling through a TGF-Î² pathway receptor in Drosophila. PLoS Biology, 2022, 20, e3001660.	2.6	2
4	Control of the insect metamorphic transition by ecdysteroid production and secretion. Current Opinion in Insect Science, 2021, 43, 11-20.	2.2	54
5	AKH Signaling in D. melanogaster Alters Larval Development in a Nutrient-Dependent Manner That Influences Adult Metabolism. Frontiers in Physiology, 2021, 12, 619219.	1.3	16
6	Drosophila MOV10 regulates the termination of midgut regeneration. Genetics, 2021, 218, .	1.2	7
7	Coordination among multiple receptor tyrosine kinase signals controls Drosophila developmental timing and body size. Cell Reports, 2021, 36, 109644.	2.9	20
8	Proliferative stem cells maintain quiescence of their niche by secreting the Activin inhibitor Follistatin. Developmental Cell, 2021, 56, 2284-2294.e6.	3.1	21
9	Drosophila Activin signaling promotes muscle growth through InR/dTORC1 dependent and independent processes. Development (Cambridge), 2021, 148, .	1.2	11
10	Histone Carbonylation Is a Redox-Regulated Epigenomic Mark That Accumulates with Obesity and Aging. Antioxidants, 2020, 9, 1210.	2.2	14
11	Adult Movement Defects Associated with a CORL Mutation in Drosophila Display Behavioral Plasticity. G3: Genes, Genomes, Genetics, 2020, 10, 1697-1706.	0.8	1
12	Engineering multiple species-like genetic incompatibilities in insects. Nature Communications, 2020, 11, 4468.	5.8	31
13	The Role of Muscle in Insect Energy Homeostasis. Frontiers in Physiology, 2020, 11, 580687.	1.3	21
14	Muscle-derived Myoglianin regulates Drosophila imaginal disc growth. ELife, 2020, 9, .	2.8	14
15	A Tissue- and Temporal-Specific Autophagic Switch Controls Drosophila Pre-metamorphic Nutritional Checkpoints. Current Biology, 2019, 29, 2840-2851.e4.	1.8	25
16	Developmental Maturation: Drosophila AstA Signaling Provides a Kiss to Grow Up. Current Biology, 2019, 29, R161-R164.	1.8	8
17	Body Size and Tissue-Scaling Is Regulated by Motoneuron-Derived ActivinÃŸ in Drosophila melanogaster. Genetics, 2019, 213, 1447-1464.	1.2	25
18	Protease cleavage at an engineered tetra-basic motif in Drosophila PTTH accelerates developmental timing. MicroPublication Biology, 2019, 2019, .	0.1	0

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19	Prothoracicotropic hormone modulates environmental adaptive plasticity through the control of developmental timing. Development (Cambridge), 2018, 145, .	1.2	56
20	Regulation of neuroblast proliferation by surface glia in the Drosophila larval brain. Scientific Reports, 2018, 8, 3730.	1.6	41
21	The Drosophila TGF-beta/Activin-like ligands Dawdle and Myoglianin appear to modulate adult lifespan through regulation of 26S proteasome function in adult muscle. Biology Open, 2018, 7, .	0.6	14
22	Lean on Me: Cell-Cell Interactions Release TGF-Î² for Local Consumption Only. Cell, 2018, 174, 18-20.	13.5	3
23	The BMP2/4 ortholog Dpp can function as an inter-organ signal that regulates developmental timing. Life Science Alliance, 2018, 1, e201800216.	1.3	35
24	TGF-Î² Family Signaling inDrosophila. Cold Spring Harbor Perspectives in Biology, 2017, 9, a022152.	2.3	69
25	Midgut-Derived Activin Regulates Glucagon-like Action in the Fat Body and Glycemic Control. Cell Metabolism, 2017, 25, 386-399.	7.2	93
26	Mice lacking the chromodomain helicase DNA-binding 5 chromatin remodeler display autism-like characteristics. Translational Psychiatry, 2017, 7, e1152-e1152.	2.4	21
27	Regulation of Drosophila hematopoietic sites by Activin-Î² from active sensory neurons. Nature Communications, 2017, 8, 15990.	5.8	66
28	Glue protein production can be triggered by steroid hormone signaling independent of the developmental program in Drosophila melanogaster. Developmental Biology, 2017, 430, 166-176.	0.9	11
29	The Insulin-Like Proteins dILPs-2/5 Determine Diapause Inducibility in Drosophila. PLoS ONE, 2016, 11, e0163680.	1.1	55
30	The Insect Prothoracic Gland as a Model for Steroid Hormone Biosynthesis and Regulation. Cell Reports, 2016, 16, 247-262.	2.9	73
31	A Drosophila Genome-Wide Screen Identifies Regulators of Steroid Hormone Production and Developmental Timing. Developmental Cell, 2016, 37, 558-570.	3.1	77
32	UPRT, a suicide-gene therapy candidate in higher eukaryotes, is required for Drosophila larval growth and normal adult lifespan. Scientific Reports, 2015, 5, 13176.	1.6	16
33	Forebrain-Specific Loss of BMPRII in Mice Reduces Anxiety and Increases Object Exploration. PLoS ONE, 2015, 10, e0139860.	1.1	15
34	The insulator protein CTCF regulatesDrosophilasteroidogenesis. Biology Open, 2015, 4, 852-857.	0.6	5
35	CTCF-dependent co-localization of canonical Smad signaling factors at architectural protein binding sites in D. melanogaster. Cell Cycle, 2015, 14, 2677-2687.	1.3	22
36	Vesicle-Mediated Steroid Hormone Secretion in Drosophila melanogaster. Cell, 2015, 163, 907-919.	13.5	115

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37	The Drosophila Zinc Finger Transcription Factor Ouija Board Controls Ecdysteroid Biosynthesis through Specific Regulation of spookier. PLoS Genetics, 2015, 11, e1005712.	1.5	32
38	Transcriptional Control of Steroid Biosynthesis Genes in the Drosophila Prothoracic Gland by Ventral Veins Lacking and Knirps. PLoS Genetics, 2014, 10, e1004343.	1.5	46
39	Photoreceptor-Derived Activin Promotes Dendritic Termination and Restricts the Receptive Fields of First-Order Interneurons in Drosophila. Neuron, 2014, 81, 830-846.	3.8	68
40	Strategies for exploring TGF-Î² signaling in Drosophila. Methods, 2014, 68, 183-193.	1.9	45
41	Systemic Activin signaling independently regulates sugar homeostasis, cellular metabolism, and pH balance in Drosophila melanogaster. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5729-5734.	3.3	84
42	Anterograde Activin Signaling Regulates Postsynaptic Membrane Potential and GluRIIA/B Abundance at the Drosophila Neuromuscular Junction. PLoS ONE, 2014, 9, e107443.	1.1	22
43	Diapause. Current Topics in Developmental Biology, 2013, 105, 213-246.	1.0	39
44	Preface. Current Topics in Developmental Biology, 2013, 105, xiii-xv.	1.0	1
45	Neuroendocrine Control of Drosophila Larval Light Preference. Science, 2013, 341, 1113-1116.	6.0	118
46	Bone Morphogenetic Proteins Signal Via SMAD and Mitogen-activated Protein (MAP) Kinase Pathways at Distinct Times during Osteoclastogenesis. Journal of Biological Chemistry, 2013, 288, 37230-37240.	1.6	55
47	Extremes of Lineage Plasticity in the Drosophila Brain. Current Biology, 2013, 23, 1908-1913.	1.8	43
48	Activin receptor inhibition by Smad2 regulates Drosophila wing disc patterning through BMP-response elements. Development (Cambridge), 2013, 140, 649-659.	1.2	31
49	Ecdysone Control of Developmental Transitions: Lessons from Drosophila Research. Annual Review of Entomology, 2013, 58, 497-516.	5.7	511
50	Developmental Checkpoints and Feedback Circuits Time Insect Maturation. Current Topics in Developmental Biology, 2013, 103, 1-33.	1.0	113
51	Dynamic feedback circuits function as a switch for shaping a maturation-inducing steroid pulse in Drosophila. Development (Cambridge), 2013, 140, 4730-4739.	1.2	65
52	Tolloid (Drosophila). , 2013, , 932-936.		0
53	Youâ€™re Going to Need a Bigger (Glass Bottom) Boat. Science Signaling, 2012, 5, pe14.	1.6	1
54	R-Smad Competition Controls Activin Receptor Output in Drosophila. PLoS ONE, 2012, 7, e36548.	1.1	34

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55	Diet and Energy-Sensing Inputs Affect TorC1-Mediated Axon Misrouting but Not TorC2-Directed Synapse Growth in a Drosophila Model of Tuberous Sclerosis. PLoS ONE, 2012, 7, e30722.	1.1	20
56	Glia instruct developmental neuronal remodeling through TGF-Î² signaling. Nature Neuroscience, 2011, 14, 821-823.	7.1	130
57	Shaping BMP Morphogen Gradients through Enzyme-Substrate Interactions. Developmental Cell, 2011, 21, 375-383.	3.1	38
58	Glycosylation of Twisted gastrulation is required for BMP binding and activity during craniofacial development. Frontiers in Physiology, 2011, 2, 59.	1.3	10
59	Timing is Everything: PTTH Mediated DHR4 Nucleocytoplasmic Trafficking Sets the Tempo of Drosophila Steroid Production. Frontiers in Endocrinology, 2011, 2, 108.	1.5	12
60	Apiology: Royal Secrets in the Queen's Fat Body. Current Biology, 2011, 21, R510-R512.	1.8	2
61	Nitric oxide directly regulates gene expression during Drosophila development: need some gas to drive into metamorphosis?: Figure 1.. Genes and Development, 2011, 25, 1459-1463.	2.7	21
62	Neuroendocrine regulation of Drosophila metamorphosis requires TGFÎ²/Activin signaling. Development (Cambridge), 2011, 138, 2693-2703.	1.2	162
63	Involvement of Twisted Gastrulation in T Cell-Independent Plasma Cell Production. Journal of Immunology, 2011, 186, 6860-6870.	0.4	14
64	Hippocampus specific iron deficiency alters competition and cooperation between developing memory systems. Journal of Neurodevelopmental Disorders, 2010, 2, 133-143.	1.5	51
65	Organism-Scale Modeling of Early Drosophila Patterning via Bone Morphogenetic Proteins. Developmental Cell, 2010, 18, 260-274.	3.1	85
66	Steroid Hormone Inactivation Is Required during the Juvenile-Adult Transition in Drosophila. Developmental Cell, 2010, 19, 895-902.	3.1	98
67	The expression of twisted gastrulation in postnatal mouse brain and functional implications. Neuroscience, 2010, 169, 920-931.	1.1	19
68	The Drosophila gap gene giant regulates ecdysone production through specification of the PTTH-producing neurons. Developmental Biology, 2010, 347, 271-278.	0.9	18
69	Canonical TGF-Î² Signaling Is Required for the Balance of Excitatory/Inhibitory Transmission within the Hippocampus and Prepulse Inhibition of Acoustic Startle. Journal of Neuroscience, 2010, 30, 6025-6035.	1.7	53
70	Iron Is Essential for Neuron Development and Memory Function in Mouse Hippocampus. Journal of Nutrition, 2009, 139, 672-679.	1.3	159
71	Nemo kinase interacts with Mad to coordinate synaptic growth at the Drosophila neuromuscular junction. Journal of Cell Biology, 2009, 185, 713-725.	2.3	36
72	The extracellular regulation of bone morphogenetic protein signaling. Development (Cambridge), 2009, 136, 3715-3728.	1.2	181

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73	The Insect Neuropeptide PTTH Activates Receptor Tyrosine Kinase Torso to Initiate Metamorphosis. Science, 2009, 326, 1403-1405.	6.0	307
74	A Fat Body-Derived IGF-like Peptide Regulates Postfeeding Growth in Drosophila. Developmental Cell, 2009, 17, 885-891.	3.1	236
75	A phosphoproteomics approach to elucidate neuropeptide signal transduction controlling insect metamorphosis. Insect Biochemistry and Molecular Biology, 2009, 39, 475-483.	1.2	70
76	Studies on the black box: Incorporation of 3-oxo-7-dehydrocholesterol into ecdysteroids by Drosophila melanogaster and Manduca sexta. Insect Biochemistry and Molecular Biology, 2009, 39, 677-687.	1.2	33
77	The Drosophila Activin-like ligand Dawdle signals preferentially through one isoform of the Type-I receptor Baboon. Mechanisms of Development, 2009, 126, 950-957.	1.7	39
78	The BMP-Binding Protein Crossveinless 2 Is a Short-Range, Concentration-Dependent, Biphasic Modulator of BMP Signaling in Drosophila. Developmental Cell, 2008, 14, 940-953.	3.1	157
79	Robustness of Embryonic Spatial Patterning in Drosophila melanogaster. Current Topics in Developmental Biology, 2008, 81, 65-111.	1.0	41
80	Drosophila Histone Deacetylase-3 Controls Imaginal Disc Size through Suppression of Apoptosis. PLoS Genetics, 2008, 4, e1000009.	1.5	25
81	DrosophilaActivin-Î² and the Activin-like product Dawdle function redundantly to regulate proliferation in the larval brain. Development (Cambridge), 2008, 135, 513-521.	1.2	67
82	Presynaptic Contributions of Chordin to Hippocampal Plasticity and Spatial Learning. Journal of Neuroscience, 2007, 27, 7740-7750.	1.7	58
83	Tiling of R7 Axons in the Drosophila Visual System Is Mediated Both by Transduction of an Activin Signal to the Nucleus and by Mutual Repulsion. Neuron, 2007, 56, 793-806.	3.8	84
84	Prothoracicotropic Hormone Regulates Developmental Timing and Body Size in Drosophila. Developmental Cell, 2007, 13, 857-871.	3.1	388
85	Molecular evolution of the insect Halloween family of cytochrome P450s: Phylogeny, gene organization and functional conservation. Insect Biochemistry and Molecular Biology, 2007, 37, 741-753.	1.2	202
86	Mechanisms of TSC-mediated Control of Synapse Assembly and Axon Guidance. PLoS ONE, 2007, 2, e375.	1.1	50
87	Spook and Spookier code for stage-specific components of the ecdysone biosynthetic pathway in Diptera. Developmental Biology, 2006, 298, 555-570.	0.9	274
88	Discrete pulses of molting hormone, 20-hydroxyecdysone, during late larval development ofDrosophila melanogaster: Correlations with changes in gene activity. Developmental Dynamics, 2006, 235, 315-326.	0.8	159
89	dSno Facilitates Baboon Signaling in the Drosophila Brain by Switching the Affinity of Medea Away From Mad and Toward dSmad2. Genetics, 2006, 174, 1299-1313.	1.2	40
90	Shaping BMP morphogen gradients in the Drosophila embryo and pupal wing. Development (Cambridge), 2006, 133, 183-193.	1.2	266

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91	The metalloprotease Tolloid-related and its TGF-Î²-like substrate Dawdle regulate Drosophila motoneuron axon guidance. Development (Cambridge), 2006, 133, 4969-4979.	1.2	71
92	The TGFÎ² activated kinase TAK1 regulates vascular development in vivo. Development (Cambridge), 2006, 133, 1529-1541.	1.2	118
93	Robust, bistable patterning of the dorsal surface of the Drosophila embryo. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 11613-11618.	3.3	114
94	Fetal iron deficiency disrupts the maturation of synaptic function and efficacy in area CA1 of the developing rat hippocampus. Hippocampus, 2005, 15, 1094-1102.	0.9	154
95	Wing-to-Leg Homeosis by Spineless Causes Apoptosis Regulated by Fish-lips, a Novel Leucine-Rich Repeat Transmembrane Protein. Molecular and Cellular Biology, 2005, 25, 3140-3150.	1.1	25
96	DNA-binding domain mutations in SMAD genes yield dominant-negative proteins or a neomorphic protein that can activate WG target genes in Drosophila. Development (Cambridge), 2005, 132, 4883-4894.	1.2	28
97	Matching catalytic activity to developmental function: Tolloid-related processes Sog in order to help specify the posterior crossvein in the Drosophila wing. Development (Cambridge), 2005, 132, 2645-2656.	1.2	64
98	Facilitated Transport of a Dpp/Scw Heterodimer by Sog/Tsg Leads to Robust Patterning of the Drosophila Blastoderm Embryo. Cell, 2005, 120, 873-886.	13.5	287
99	Facilitated Transport of a Dpp/Scw Heterodimer by Sog/Tsg Leads to Robust Patterning of the Drosophila Blastoderm Embryo. Cell, 2005, 121, 493.	13.5	2
100	Twisted gastrulation and chordin inhibit differentiation and mineralization in MC3T3-E1 osteoblast-like cells. Bone, 2005, 36, 617-626.	1.4	34
101	A role for Î²FTZ-F1 in regulating ecdysteroid titers during post-embryonic development in Drosophila melanogaster. Developmental Biology, 2005, 282, 84-94.	0.9	119
102	The crossveinless gene encodes a new member of the Twisted gastrulation family of BMP-binding proteins which, with Short gastrulation, promotes BMP signaling in the crossveins of the Drosophila wing. Developmental Biology, 2005, 282, 70-83.	0.9	87
103	Mechanisms for Removal of Developmentally Abnormal Cells: Cell Competition and Morphogenetic Apoptosis. Journal of Biochemistry, 2004, 136, 13-17.	0.9	47
104	Axonal Heparan Sulfate Proteoglycans Regulate the Distribution and Efficiency of the Repellent Slit during Midline Axon Guidance. Current Biology, 2004, 14, 499-504.	1.8	182
105	The mammalian twisted gastrulation gene functions in foregut and craniofacial development. Developmental Biology, 2004, 267, 374-386.	0.9	100
106	Phantom encodes the 25-hydroxylase of Drosophila melanogaster and Bombyx mori: a P450 enzyme critical in ecdysone biosynthesis. Insect Biochemistry and Molecular Biology, 2004, 34, 991-1010.	1.2	263
107	Highwire Regulates Presynaptic BMP Signaling Essential for Synaptic Growth. Neuron, 2004, 41, 891-905.	3.8	212
108	Tolloid (Drosophila). , 2004, , 617-620.		0

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109	Expression of TAK1, a mediator of TGF-Î² and BMP signaling, during mouse embryonic development. Gene Expression Patterns, 2003, 3, 131-134.	0.3	33
110	TGF-Î² Signaling Activates Steroid Hormone Receptor Expression during Neuronal Remodeling in the Drosophila Brain. Cell, 2003, 112, 303-315.	13.5	215
111	The BMP Homolog Gbb Provides a Retrograde Signal that Regulates Synaptic Growth at the Drosophila Neuromuscular Junction. Neuron, 2003, 39, 241-254.	3.8	364
112	Retrograde Gbb signaling through the Bmp type 2 receptor Wishful Thinking regulates systemic FMRFa expression in Drosophila. Development (Cambridge), 2003, 130, 5457-5470.	1.2	88
113	Shade is the Drosophila P450 enzyme that mediates the hydroxylation of ecdysone to the steroid insect molting hormone 20-hydroxyecdysone. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 13773-13778.	3.3	409
114	Physical properties of Tld, Sog, Tsg and Dpp protein interactions are predicted to help create a sharp boundary in Bmp signals during dorsoventral patterning of the Drosophila embryo. Development (Cambridge), 2003, 130, 4673-4682.	1.2	103
115	Molecular and biochemical characterization of two P450 enzymes in the ecdysteroidogenic pathway of Drosophila melanogaster. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11043-11048.	3.3	300
116	Morphogenetic Apoptosis: A Mechanism for Correcting Discontinuities in Morphogen Gradients. Developmental Biology, 2002, 251, 74-90.	0.9	131
117	Histone Methyltransferase Activity of a Drosophila Polycomb Group Repressor Complex. Cell, 2002, 111, 197-208.	13.5	1,416
118	The Drosophila BMP Type II Receptor Wishful Thinking Regulates Neuromuscular Synapse Morphology and Function. Neuron, 2002, 33, 529-543.	3.8	297
119	Isolation of Drosophila Activin and Follistatin cDNAs using novel MACH amplification protocols. Gene, 2002, 291, 85-93.	1.0	16
120	Twisted gastrulation is a conserved extracellular BMP antagonist. Nature, 2001, 410, 479-483.	13.7	276
121	TAK1 Participates in c-Jun N-Terminal Kinase Signaling during Drosophila Development. Molecular and Cellular Biology, 2000, 20, 3015-3026.	1.1	116
122	Functional Analysis of Repressor Binding Sites in the iab-2 Regulatory Region of the abdominal-A Homeotic Gene. Developmental Biology, 2000, 218, 38-52.	0.9	86
123	Is Chordin a Long-Range- or Short-Range-Acting Factor? Roles for BMP1-Related Metalloproteases in Chordin and BMP4 Autofeedback Loop Regulation. Developmental Biology, 2000, 223, 120-138.	0.9	64
124	The Drosophila Activin receptor Baboon signals through dSmad2 and controls cell proliferation but not patterning during larval development. Genes and Development, 1999, 13, 98-111.	2.7	178
125	Production of a DPP Activity Gradient in the Early Drosophila Embryo through the Opposing Actions of the SOG and TLD Proteins. Cell, 1997, 91, 417-426.	13.5	409
126	BMP Signaling in Drosophila Embryogenesis. Annals of the New York Academy of Sciences, 1996, 785, 80-97.	1.8	11

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127	The Xenopus Dorsalizing Factor noggin Ventralizes Drosophila Embryos by Preventing DPP from Activating Its Receptor. Cell, 1996, 86, 607-617.	13.5	236
128	MADR1, a MAD-Related Protein That Functions in BMP2 Signaling Pathways. Cell, 1996, 85, 489-500.	13.5	692
129	Drosophila Dpp signaling is mediated by the punt gene product: A dual ligand-binding type II receptor of the TGFÎ² receptor family. Cell, 1995, 80, 899-908.	13.5	269
130	The drosophila schnurri gene acts in the Dpp/TGFÎ² signaling pathway and encodes a transcription factor homologous to the human MBP family. Cell, 1995, 81, 781-790.	13.5	209
131	The screw gene encodes a ubiquitously expressed member of the TGF-beta family required for specification of dorsal cell fates in the Drosophila embryo.. Genes and Development, 1994, 8, 2588-2601.	2.7	196
132	Enhancer point mutation results in a homeotic transformation in Drosophila. Science, 1994, 264, 968-971.	6.0	94
133	Characterization and relationship of dpp receptors encoded by the saxophone and thick veins genes in Drosophila. Cell, 1994, 78, 251-261.	13.5	317
134	Two Domains of the tolloid Protein Contribute to Its Unusual Genetic Interaction with decapentaplegic. Developmental Biology, 1994, 162, 209-220.	0.9	73
135	Characterization of tolloid-related-1: A BMP-1-like Product That Is Required during Larval and Pupal Stages of Drosophila Development. Developmental Biology, 1994, 166, 569-586.	0.9	72
136	Two Distinct Transmembrane Serine/Threonine Kinases from Drosophila melanogaster Form an Activin Receptor Complex. Molecular and Cellular Biology, 1994, 14, 944-950.	1.1	39
137	Elements of the Drosophila Bithorax Complex That Mediate Repression by Polycomb Group Products. Developmental Biology, 1993, 158, 131-144.	0.9	311
138	Identification of a Drosophila activin receptor.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 9475-9479.	3.3	109
139	The Drosophila dorsal-ventral patterning gene tolloid is related to human bone morphogenetic protein 1. Cell, 1991, 67, 469-481.	13.5	308
140	Site-specific and illegitimate recombination in the oriV1 region of the F factor. Journal of Molecular Biology, 1986, 189, 85-102.	2.0	23
141	Mapping of DNA gyrase cleavage sites in vivo oxolinic acid induced cleavages in plasmid pBR322. Journal of Molecular Biology, 1985, 181, 545-550.	2.0	39
142	A frameshift mutation at the junction of an IS1 insertion within lacZ restores Î²-galactosidase activity via formation of an active lacZ-IS1 fusion protein. Journal of Molecular Biology, 1985, 181, 551-555.	2.0	10
143	Role of the F factor oriV1 region in recA-independent illegitimate recombination. Journal of Molecular Biology, 1984, 175, 263-284.	2.0	49
144	Site-specific Recombination in the oriV1 Region of the F Factor. Cold Spring Harbor Symposia on Quantitative Biology, 1984, 49, 421-434.	2.0	7

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145	A new insertion sequence, IS121, is found on the Mu dI1 (Ap lac) bacteriophage and the Escherichia coli K-12 chromosome. Journal of Bacteriology, 1983, 156, 669-679.	1.0	49
146	Mapping a cloned gene under sporulation control by inserttion of a drug resistance marker into the Bacillus subtilis chromosome. Journal of Bacteriology, 1980, 142, 90-98.	1.0	162