Timothy J Yen

List of Publications by Year
in descending order

111 papers	11,218 citations	28274 55 h-index	29157 104 g-index
112 all docs	112 docs citations	112 times ranked	9847 citing authors

#	Article	IF	Citations
1	Nestin Is Required for Spindle Assembly and Cell-Cycle Progression in Glioblastoma Cells. Molecular Cancer Research, 2021, 19, 1651-1665.	3.4	7
2	Clinical and Molecular Features of Anti-CENP-B Autoantibodies. Journal of Molecular Pathology, 2021, 2, 281-295.	1.2	7
3	Active DNA demethylationâ€"The epigenetic gatekeeper of development, immunity, and cancer. Genetics & Genomics Next, 2021, 2, e10033.	1.5	3
4	Modification of the base excision repair enzyme MBD4 by the small ubiquitin-like molecule SUMO1. DNA Repair, 2019, 82, 102687.	2.8	4
5	Discordant Effects of Putative Lysine Acetyltransferase Inhibitors in Biochemical and Living Systems. Cells, 2019, 8, 1022.	4.1	4
6	Thymine DNA glycosylase as a novel target for melanoma. Oncogene, 2019, 38, 3710-3728.	5.9	28
7	Synergism Through WEE1 and CHK1 Inhibition in Acute Lymphoblastic Leukemia. Cancers, 2019, 11, 1654.	3.7	18
8	Chromosome instability in tumor cells due to defects in Aurora B mediated error correction at kinetochores. Cell Cycle, 2018, 17, 2622-2636.	2.6	12
9	Targeting WEE1 to enhance conventional therapies for acute lymphoblastic leukemia. Journal of Hematology and Oncology, 2018, 11, 99.	17.0	35
10	Network modeling of kinase inhibitor polypharmacology reveals pathways targeted in chemical screens. PLoS ONE, 2017, 12, e0185650.	2.5	3
11	OTSSP167 Abrogates Mitotic Checkpoint through Inhibiting Multiple Mitotic Kinases. PLoS ONE, 2016, 11, e0153518.	2.5	41
12	Changing the Selectivity of p300 by Acetyl-CoA Modulation of Histone Acetylation. ACS Chemical Biology, 2015, 10, 146-156.	3.4	67
13	Pixantrone induces cell death through mitotic perturbations and subsequent aberrant cell divisions. Cancer Biology and Therapy, 2015, 16, 1397-1406.	3.4	22
14	Genetic Variants That Predispose to DNA Double-Strand Breaks in Lymphocytes From a Subset of Patients With Familial Colorectal Carcinomas. Gastroenterology, 2015, 149, 1872-1883.e9.	1.3	31
15	The Wee1 Inhibitor, MK-1775, Sensitizes Leukemic Cells to Different Antineoplastic Drugs Interfering with DNA Damage Response Pathway. Blood, 2015, 126, 1276-1276.	1.4	3
16	Re-purposing clinical kinase inhibitors to enhance chemosensitivity by overriding checkpoints. Cell Cycle, 2014, 13, 2172-2191.	2.6	14
17	A synthetic lethal screen identifies the Vitamin D receptor as a novel gemcitabine sensitizer in pancreatic cancer cells. Cell Cycle, 2014, 13, 3839-3856.	2.6	26
18	Comparison of the activity of three different HSP70 inhibitors on apoptosis, cell cycle arrest, autophagy inhibition, and HSP90 inhibition. Cancer Biology and Therapy, 2014, 15, 194-199.	3.4	48

#	Article	IF	Citations
19	Thyroid Hormone Receptor Interacting Protein 13 (TRIP13) AAA-ATPase Is a Novel Mitotic Checkpoint-silencing Protein. Journal of Biological Chemistry, 2014, 289, 23928-23937.	3.4	129
20	Disassembly of mitotic checkpoint complexes by the joint action of the AAA-ATPase TRIP13 and p31 ^{comet}. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12019-12024.	7.1	110
21	HuR Posttranscriptionally Regulates WEE1: Implications for the DNA Damage Response in Pancreatic Cancer Cells. Cancer Research, 2014, 74, 1128-1140.	0.9	91
22	Esperanto for histones: CENP-A, not CenH3, is the centromeric histone H3 variant. Chromosome Research, 2013, 21, 101-106.	2.2	37
23	A Modified HSP70 Inhibitor Shows Broad Activity as an Anticancer Agent. Molecular Cancer Research, 2013, 11, 219-229.	3.4	92
24	Centromere fragmentation is a common mitotic defect of S and G₂checkpoint override. Cell Cycle, 2013, 12, 1588-1597.	2.6	27
25	Leukemia-associated RhoGEF (LARG) is a novel RhoGEF in cytokinesis and required for the proper completion of abscission. Molecular Biology of the Cell, 2013, 24, 2785-2794.	2.1	22
26	Replication Stress and Mitotic Dysfunction in Cells Expressing Simian Virus 40 Large T Antigen. Journal of Virology, 2013, 87, 13179-13192.	3.4	18
27	G Protein-coupled Receptor Kinase 5 Is Localized to Centrosomes and Regulates Cell Cycle Progression. Journal of Biological Chemistry, 2012, 287, 6928-6940.	3.4	36
28	Dose Dependent Effects on Cell Cycle Checkpoints and DNA Repair by Bendamustine. PLoS ONE, 2012, 7, e40342.	2.5	27
29	Anti-CENPI autoantibodies in scleroderma patients with features of autoimmune liver diseases. Clinica Chimica Acta, 2011, 412, 2267-2271.	1.1	16
30	Oncogenic Ras Regulates BRIP1 Expression to Induce Dissociation of BRCA1 from Chromatin, Inhibit DNA Repair, and Promote Senescence. Developmental Cell, 2011, 21, 1077-1091.	7.0	82
31	Timeless Links Replication Termination to Mitotic Kinase Activation. PLoS ONE, 2011, 6, e19596.	2.5	19
32	Closed MAD2 (C-MAD2) is selectively incorporated into the mitotic checkpoint complex (MCC). Cell Cycle, 2011, 10, 3740-3750.	2.6	26
33	BUBR1 and Closed MAD2 (C-MAD2) Interact Directly to Assemble a Functional Mitotic Checkpoint Complex. Journal of Biological Chemistry, 2011, 286, 21173-21179.	3.4	53
34	Mitotic Checkpoint and Chromosome Instability in Cancer. , 2010, , 59-77.		0
35	Autoantibody to NA14 is an independent marker primarily for SjÃ¶gren's syndrome. Frontiers in Bioscience - Landmark, 2009, Volume, 3733.	3.0	17
36	Cohesin Associates with Spindle Poles in a Mitosis-specific Manner and Functions in Spindle Assembly in Vertebrate Cells. Molecular Biology of the Cell, 2009, 20, 1289-1301.	2.1	38

#	Article	IF	Citations
37	p53-dependent apoptosis in response to spindle damage is linked to loss of Bub1. Cancer Biology and Therapy, 2009, 8, 645-647.	3.4	6
38	BubR1 is an effector of multiple mitotic kinases that specifies kinetochore: Microtubule attachments and checkpoint. Cell Cycle, 2009, 8, 1164-1167.	2.6	19
39	Protein Architecture of the Human Kinetochore Microtubule Attachment Site. Cell, 2009, 137, 672-684.	28.9	310
40	The Kinetochore as Target for Cancer Drug Development. , 2009, , 1-25.		1
41	SUMO-2/3 Modification and Binding Regulate theÂAssociation of CENP-E with Kinetochores andÂProgression through Mitosis. Molecular Cell, 2008, 29, 729-741.	9.7	212
42	Astrin regulates Aurora-A localization. Biochemical and Biophysical Research Communications, 2008, 370, 213-219.	2.1	22
43	Two different mitotic checkpoint inhibitors of the anaphase-promoting complex/cyclosome antagonize the action of the activator Cdc20. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 9181-9185.	7.1	26
44	Phosphorylation sites in BubR1 that regulate kinetochore attachment, tension, and mitotic exit. Journal of Cell Biology, 2008, 183, 667-680.	5.2	104
45	Abnormal Cytokinesis after X-Irradiation in Tumor Cells that Override the G2 DNA Damage Checkpoint. Cancer Research, 2008, 68, 3724-3732.	0.9	39
46	HP1 Proteins Are Essential for a Dynamic Nuclear Response That Rescues the Function of Perturbed Heterochromatin in Primary Human Cells. Molecular and Cellular Biology, 2007, 27, 949-962.	2.3	60
47	Tripin/hSgo2 recruits MCAK to the inner centromere to correct defective kinetochore attachments. Journal of Cell Biology, 2007, 177, 413-424.	5.2	126
48	Polo Delivers a PICH to the Kinetochore. Cell, 2007, 128, 20-21.	28.9	4
49	Targeting Mitosis for Anti-Cancer Therapy. BioDrugs, 2007, 21, 225-233.	4.6	46
50	The human Nup107â€“160 nuclear pore subcomplex contributes to proper kinetochore functions. EMBO Journal, 2007, 26, 1853-1864.	7.8	191
51	CENP-F is a novel microtubule-binding protein that is essential for kinetochore attachments and affects the duration of the mitotic checkpoint delay. Chromosoma, 2006, 115, 320-329.	2.2	85
52	Anti-CENP-H antibodies in patients with Sjogrenâ€™s syndrome. Rheumatology International, 2006, 26, 298-303.	3.0	36
53	Mapping the assembly pathways that specify formation of the trilaminar kinetochore plates in human cells. Journal of Cell Biology, 2006, 175, 41-53.	5.2	196
54	Live cell imaging reveals distinct roles in cell cycle regulation for Nek2A and Nek2B. Biochimica Et Biophysica Acta - Molecular Cell Research, 2005, 1744, 89-92.	4.1	36

#	Article	IF	Citations
55	Kinetochore structure and function. Trends in Cell Biology, 2005, 15, 589-598.	7.9	167
56	Mitotic Checkpoint, Aneuploidy and Cancer. , 2005, 570, 477-499.		7
57	Ablation of PRC1 by Small Interfering RNA Demonstrates that Cytokinetic Abscission Requires a Central Spindle Bundle in Mammalian Cells, whereas Completion of Furrowing Does Not. Molecular Biology of the Cell, 2005, 16, 1043-1055.	2.1	102
58	Inhibitors of Histone Deacetylases Alter Kinetochore Assembly by Disrupting Pericentromeric Heterochromatin. Cell Cycle, 2005, 4, 717-726.	2.6	105
59	Purification of the Mitotic Checkpoint Complex, an Inhibitor of the APC/C From HeLa Cells. , 2004, 281, 199-212.		6
60	Inhibition of Centrosome Separation after DNA Damage: A Role for Nek2. Radiation Research, 2004, 162, 128-135.	1.5	79
61	Role of the Tetradecapeptide Repeat Domain of Human Histone Deacetylase 6 in Cytoplasmic Retention. Journal of Biological Chemistry, 2004, 279, 48246-48254.	3.4	127
62	The RanGAP1-RanBP2 Complex Is Essential for Microtubule-Kinetochore Interactions In Vivo. Current Biology, 2004, 14, 611-617.	3.9	329
63	Crystal Structure of the Motor Domain of the Human Kinetochore Protein CENP-E. Journal of Molecular Biology, 2004, 340, 1107-1116.	4.2	54
64	Cell Cycle: Mitotic Checkpoint. , 2004, , 345-351.		0
65	Human CENP-I specifies localization of CENP-F, MAD1 and MAD2 to kinetochores and is essential for mitosis. Nature Cell Biology, 2003, 5, 341-345.	10.3	136
66	Histone deacetylase 4 interacts with 53BP1 to mediate the DNA damage response. Journal of Cell Biology, 2003, 160, 1017-1027.	5.2	164
67	DNA Damage in HeLa Cells Induced Arrest at a Discrete Point in G2Phase as Defined by CENP-F Localization. Radiation Research, 2003, 159, 604-611.	1.5	14
68	Evidence that the retroviral DNA integration process triggers an ATR-dependent DNA damage response. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 4778-4783.	7.1	94
69	Zwilch, a New Component of the ZW10/ROD Complex Required for Kinetochore Functions. Molecular Biology of the Cell, 2003, 14, 1379-1391.	2.1	90
70	RHAMM Is a Centrosomal Protein That Interacts with Dynein and Maintains Spindle Pole Stability. Molecular Biology of the Cell, 2003, 14, 2262-2276.	2.1	167
71	Human MPS1 Kinase Is Required for Mitotic Arrest Induced by the Loss of CENP-E from Kinetochores. Molecular Biology of the Cell, 2003, 14, 1638-1651.	2.1	151
72	Targeting the Kinetochore for Mitosis-Specific Inhibitors. Cancer Biology and Therapy, 2003, 2, 236-241.	3.4	9

#	Article	IF	Citations
73	The Role of Mitotic Checkpoint in Maintaining Genomic Stability. Current Topics in Developmental Biology, 2003, 58, 27-51.	2.2	8
74	The mitotic checkpoint: a signaling pathway that allows a single unattached kinetochore to inhibit mitotic exit. Progress in Cell Cycle Research, 2003, 5, 431-9.	0.9	37
75	Assembly of the SMRT-histone deacetylase 3 repression complex requires the TCP-1 ring complex. Genes and Development, 2002, 16, 3130-3135.	5.9	117
76	The Complexity of APC/C Regulation Location, Location, Location. Cell Cycle, 2002, 1, 263-264.	2.6	3
77	Coupling of DNA Synthesis and Histone Synthesis in S Phase Independent of Cyclin/cdk2 Activity. Molecular and Cellular Biology, 2002, 22, 7459-7472.	2.3	168
78	Expression and behaviour of CENP-E at kinetochores during mouse spermatogenesis. Chromosoma, 2002, 111, 53-61.	2.2	33
79	Chfr regulates a mitotic stress pathway through its RING-finger domain with ubiquitin ligase activity. Cancer Research, 2002, 62, 1797-801.	0.9	73
80	A Human BRCA2 Complex Containing a Structural DNA Binding Component Influences Cell Cycle Progression. Cell, 2001, 104, 247-257.	28.9	132
81	Detection of repair activity during the DNA damage-induced G2 delay in human cancer cells. Oncogene, 2001, 20, 3486-3496.	5.9	75
82	Checkpoint inhibition of the APC/C in HeLa cells is mediated by a complex of BUBR1, BUB3, CDC20, and MAD2. Journal of Cell Biology, 2001, 154, 925-936.	5.2	787
83	Microtubule-dependent Changes in Assembly of Microtubule Motor Proteins and Mitotic Spindle Checkpoint Proteins at PtK1 Kinetochores. Molecular Biology of the Cell, 2001, 12, 1995-2009.	2.1	320
84	The Mitotic Checkpoint Protein hBUB3 and the mRNA Export Factor hRAE1 Interact with GLE2p-binding Sequence (GLEBS)-containing Proteins. Journal of Biological Chemistry, 2001, 276, 26559-26567.	3.4	107
85	The Farnesyltransferase Inhibitor, FTI-2153, Blocks Bipolar Spindle Formation and Chromosome Alignment and Causes Prometaphase Accumulation during Mitosis of Human Lung Cancer Cells. Journal of Biological Chemistry, 2001, 276, 16161-16167.	3.4	111
86	Wortmannin Potentiates Integrase-Mediated Killing of Lymphocytes and Reduces the Efficiency of Stable Transduction by Retroviruses. Molecular and Cellular Biology, 2001, 21, 1164-1172.	2.3	76
87	CENP-E Is Essential for Reliable Bioriented Spindle Attachment, but Chromosome Alignment Can Be Achieved via Redundant Mechanisms in Mammalian Cells. Molecular Biology of the Cell, 2001, 12, 2776-2789.	2.1	243
88	Specification of kinetochore-forming chromatin by the histone H3 variant CENP-A. Journal of Cell Science, 2001, 114, 3529-3542.	2.0	252
89	Specific regulation of CENP-E and kinetochores during meiosis I/meiosis II transition in pig oocytes. Molecular Reproduction and Development, 2000, 56, 51-62.	2.0	40
90	Human Zw10 and ROD are mitotic checkpoint proteins that bind to kinetochores. Nature Cell Biology, 2000, 2, 944-947.	10.3	185

#	Article	IF	Citations
91	Human Bubr1 Is a Mitotic Checkpoint Kinase That Monitors Cenp-E Functions at Kinetochores and Binds the Cyclosome/APC. Journal of Cell Biology, 1999, 146, 941-954.	5.2	342
92	Induction of the TRAIL receptor KILLER/DR5 in p53-dependent apoptosis but not growth arrest. Oncogene, 1999, 18, 6411-6418.	5.9	98
93	Kinesin-like protein CENP-E is upregulated in rheumatoid synovial fibroblasts. Arthritis Research, 1999, 1, 71.	2.0	22
94	Localization of the Drosophila checkpoint control protein Bub3 to the kinetochore requires Bub1 but not Zw10 or Rod. Chromosoma, 1998, 107, 376-385.	2.2	84
95	The hBUB1 and hBUBR1 kinases sequentially assemble onto kinetochores during prophase with hBUBR1 concentrating at the kinetochore plates in mitosis. Chromosoma, 1998, 107, 386-396.	2.2	160
96	Immunolocalization of Î±-Tubulin, Î³-Tubulin, and CENP-E in Male Rat and Male Mouse Meiotic Divisions: Pathway of Meiosis I Spindle Formation in Mammalian Spermatocytes. Developmental Biology, 1998, 195, 29-37.	2.0	27
97	Active MAP Kinase in Mitosis: Localization at Kinetochores and Association with the Motor Protein CENP-E. Journal of Cell Biology, 1998, 142, 1547-1558.	5.2	207
98	Characterization of ATM Expression, Localization, and Associated DNA-dependent Protein Kinase Activity. Molecular Biology of the Cell, 1998, 9, 2361-2374.	2.1	166
99	Characterization of the Kinetochore Binding Domain of CENP-E Reveals Interactions with the Kinetochore Proteins CENP-F and hBUBR1. Journal of Cell Biology, 1998, 143, 49-63.	5.2	262
100	CENP-E Function at Kinetochores Is Essential for Chromosome Alignment. Journal of Cell Biology, 1997, 139, 1373-1382.	5.2	312
101	Isolation of full-length ATM cDNA and correction of the ataxia-telangiectasia cellular phenotype. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 8021-8026.	7.1	105
102	Interaction between ATM protein and c-Abl in response to DNA damage. Nature, 1997, 387, 520-523.	27.8	460
103	Localization of CENP-E in the fibrous corona and outer plate of mammalian kinetochores from prometaphase through anaphase. Chromosoma, 1997, 106, 446-455.	2.2	165
104	Kinetochore function: molecular motors, switches and gates. Current Opinion in Cell Biology, 1996, 8, 381-388.	5.4	24
105	Motor proteins in mitosis and meiosis. Cytoskeleton: A Multi-Volume Treatise, 1995, 1, 87-122.	0.1	0
106	CENP-F is a protein of the nuclear matrix that assembles onto kinetochores at late G2 and is rapidly degraded after mitosis.. Journal of Cell Biology, 1995, 130, 507-518.	5.2	336
107	Chromosomal Localization of the Genes Encoding the Kinetochore Proteins CENPE and CENPF to Human Chromosomes 4q24 â†' q25 and 1q32 â†' q41, Respectively, by Fluorescence in Situ Hybridization. Genomics, 1994, 23, 691-693.	2.9	29
108	CENP-E is a putative kinetochore motor that accumulates just before mitosis. Nature, 1992, 359, 536-539.	27.8	412

#	Article	IF	Citations
109	Autoregulated instability of Î²-tubulin mRNAs by recognition of the nascent amino terminus of Î²tubulin. Nature, 1988, 334, 580-585.	27.8	358
110	Sequences that confer Î²-tubulin autoregulation through modulated mRNA stability reside within exon 1 of a Î²-tubulin mRNA. Cell, 1987, 50, 671-679.	28.9	131
111	Autoregulation of tubulin expression is achieved through specific degradation of polysomal tubulin mRNAs. Cell, 1987, 51, 283-292.	28.9	218