# Stephen J Kron

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7907823/publications.pdf

Version: 2024-02-01

| | | | |
|---|---|---|---|
| 135 papers | 8,014 citations | 61857 43 h-index | 53109 85 g-index |

| | | | |
|---|---|---|---|
| 141 all docs | 141 docs citations | 141 times ranked | 8908 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Spatial mapping of the tumor immune microenvironment. , 2022, , 293-329. | | 0 |
| 2 | Genomic studies controvert the existence of the CUX1 p75 isoform. Scientific Reports, 2022, 12, 151. | 1.6 | 1 |
| 3 | TdT-dUTP DSB End Labeling (TUDEL), for Specific, Direct In Situ Labeling of DNA Double Strand Breaks. Methods in Molecular Biology, 2022, 2394, 299-317. | 0.4 | 2 |
| 4 | Loss of MEN1 function impairs DNA repair capability of pancreatic neuroendocrine tumors. Endocrine-Related Cancer, 2022, 29, 225-239. | 1.6 | 3 |
| 5 | Small-molecule drug repurposing to target DNA damage repair and response pathways. Seminars in Cancer Biology, 2021, 68, 230-241. | 4.3 | 21 |
| 6 | UltraPlex Hapten-Based Multiplexed Fluorescent Immunohistochemistry. Methods in Molecular Biology, 2021, 2350, 267-287. | 0.4 | 4 |
| 7 | Multiplexed Tissue Tomography. Methods in Molecular Biology, 2021, 2350, 77-93. | 0.4 | 0 |
| 8 | Therapy-Induced Senescence: Opportunities to Improve Anticancer Therapy. Journal of the National Cancer Institute, 2021, 113, 1285-1298. | 3.0 | 156 |
| 9 | Loss of a 7q gene,CUX1, disrupts epigenetically driven DNA repair and drives therapy-related myeloid neoplasms. Blood, 2021, 138, 790-805. | 0.6 | 13 |
| 10 | Lipid-derived electrophiles mediate the effects of chemotherapeutic topoisomerase I poisons. Cell Chemical Biology, 2021, 28, 776-787.e8. | 2.5 | 4 |
| 11 | Nuclear Sphingosine-1-phosphate Lyase Generated â^†2-hexadecenal is A Regulator of HDAC Activity and Chromatin Remodeling in Lung Epithelial Cells. Cell Biochemistry and Biophysics, 2021, 79, 575-592. | 0.9 | 10 |
| 12 | Subcellular localization of the J-protein Sis1 regulates the heat shock response. Journal of Cell Biology, 2021, 220, . | 2.3 | 25 |
| 13 | Pseudomonas syringae effector HopZ3 suppresses the bacterial AvrPto1â€“tomato PTO immune complex via acetylation. PLoS Pathogens, 2021, 17, e1010017. | 2.1 | 10 |
| 14 | Polyphosphate degradation by Nudt3-Zn2+ mediates oxidative stress response. Cell Reports, 2021, 37, 110004. | 2.9 | 18 |
| 15 | Genetic analysis of Hsp70 phosphorylation sites reveals a role in Candida albicans cell and colony morphogenesis. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2020, 1868, 140135. | 1.1 | 28 |
| 16 | Targeted Covalent Inhibition of Telomerase. ACS Chemical Biology, 2020, 15, 706-717. | 1.6 | 13 |
| 17 | Immune profiles in primary squamous cell carcinoma of the head and neck. Oral Oncology, 2019, 96, 77-88. | 0.8 | 57 |
| 18 | Repair-independent functions of DNA-PKcs protect irradiated cells from mitotic slippage and accelerated senescence. Journal of Cell Science, 2019, 132, . | 1.2 | 20 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Mevalonate pathway activity as a determinant of radiation sensitivity in head and neck cancer. Molecular Oncology, 2019, 13, 1927-1943. | 2.1 | 17 |
| 20 | Phosphoregulation of the oncogenic protein regulator of cytokinesis 1 (PRC1) by the atypical CDK16/CCNY complex. Experimental and Molecular Medicine, 2019, 51, 1-17. | 3.2 | 19 |
| 21 | A cmap-enabled gene expression signature-matching approach identifies small-molecule inducers of accelerated cell senescence. BMC Genomics, 2019, 20, 290. | 1.2 | 11 |
| 22 | O-GlcNAcylation Enhances Double-Strand Break Repair, Promotes Cancer Cell Proliferation, and Prevents Therapy-Induced Senescence in Irradiated Tumors. Molecular Cancer Research, 2019, 17, 1338-1350. | 1.5 | 30 |
| 23 | Targeted antibody and cytokine cancer immunotherapies through collagen affinity. Science Translational Medicine, 2019, 11, . | 5.8 | 134 |
| 24 | The nuclear structural protein NuMA is a negative regulator of 53BP1 in DNA double-strand break repair. Nucleic Acids Research, 2019, 47, 2703-2715. | 6.5 | 30 |
| 25 | Repurposing Drugs for Cancer Radiotherapy. Cancer Journal (Sudbury, Mass ), 2019, 25, 106-115. | 1.0 | 8 |
| 26 | Nondestructive, multiplex three-dimensional mapping of immune infiltrates in core needle biopsy. Laboratory Investigation, 2019, 99, 1400-1413. | 1.7 | 18 |
| 27 | STING Promotes Homeostasis via Regulation of Cell Proliferation and Chromosomal Stability. Cancer Research, 2019, 79, 1465-1479. | 0.4 | 64 |
| 28 | Multiplex Three-Dimensional Mapping of Macromolecular Drug Distribution in the Tumor Microenvironment. Molecular Cancer Therapeutics, 2019, 18, 213-226. | 1.9 | 33 |
| 29 | Deficiency of CUX1, Encoded on 7q, Blocks the Normal HSC DNA Damage Response and Drives Highly Penetrant Therapy-Related Myeloid Neoplasms in Mice. Blood, 2019, 134, 641-641. | 0.6 | 5 |
| 30 | Three-Dimensional Analysis of the Human Pancreas. Endocrinology, 2018, 159, 1393-1400. | 1.4 | 36 |
| 31 | Radiation-enhanced delivery of plasmid DNA to tumors utilizing a novel PEI polyplex. Cancer Gene Therapy, 2018, 25, 196-206. | 2.2 | 13 |
| 32 | HMG-CoA Reductase Inhibition Delays DNA Repair and Promotes Senescence After Tumor Irradiation. Molecular Cancer Therapeutics, 2018, 17, 407-418. | 1.9 | 36 |
| 33 | Simple strategies to enhance discovery of acetylation post-translational modifications by quadrupole-orbitrap LC-MS/MS. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2018, 1866, 224-229. | 1.1 | 3 |
| 34 | Quinic Acidâ€Conjugated Nanoparticles Enhance Drug Delivery to Solid Tumors via Interactions with Endothelial Selectins. Small, 2018, 14, e1803601. | 5.2 | 25 |
| 35 | Phospho-dependent recruitment of the yeast NuA4 acetyltransferase complex by MRX at DNA breaks regulates RPA dynamics during resection. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10028-10033. | 3.3 | 25 |
| 36 | The atypical cyclin CNTD2 promotes colon cancer cell proliferation and migration. Scientific Reports, 2018, 8, 11797. | 1.6 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | A signature of enhanced lipid metabolism, lipid peroxidation and aldehyde stress in therapy-induced senescence. Cell Death Discovery, 2017, 3, 17075. | 2.0 | 88 |
| 38 | Radiation-enhanced delivery of systemically administered amphiphilic-CpG oligodeoxynucleotide. Journal of Controlled Release, 2017, 266, 248-255. | 4.8 | 21 |
| 39 | Chemical inhibitors of Candida albicans hyphal morphogenesis target endocytosis. Scientific Reports, 2017, 7, 5692. | 1.6 | 48 |
| 40 | Multiplex three-dimensional optical mapping of tumor immune microenvironment. Scientific Reports, 2017, 7, 17031. | 1.6 | 41 |
| 41 | Differential Growth of Francisella tularensis, Which Alters Expression of Virulence Factors, Dominant Antigens, and Surface-Carbohydrate Synthases, Governs the Apparent Virulence of Ft SchuS4 to Immunized Animals. Frontiers in Microbiology, 2017, 8, 1158. | 1.5 | 32 |
| 42 | Abstract 570: Transparent tumor tomography (T3): 3D spatial immunoanalysis for PD-L1 immune checkpoint blockade therapy. , 2017, , . | | 1 |
| 43 | Nanoparticle formulations of cisplatin for cancer therapy. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2016, 8, 776-791. | 3.3 | 127 |
| 44 | Lipid-derived reactive aldehydes link oxidative stress to cell senescence. Cell Death and Disease, 2016, 7, e2366-e2366. | 2.7 | 13 |
| 45 | Image-Guided Radiotherapy Targets Macromolecules through Altering the Tumor Microenvironment. Molecular Pharmaceutics, 2016, 13, 3457-3467. | 2.3 | 19 |
| 46 | Mps1 Mediated Phosphorylation of Hsp90 Confers Renal Cell Carcinoma Sensitivity and Selectivity to Hsp90 Inhibitors. Cell Reports, 2016, 14, 872-884. | 2.9 | 60 |
| 47 | Linking Cancer Metabolism to DNA Repair and Accelerated Senescence. Molecular Cancer Research, 2016, 14, 173-184. | 1.5 | 46 |
| 48 | Abstract B103: Transparent tumor tomography (T3): Spatial 3D mapping of immune responses in a whole tumor after immunotherapy. , 2016, , . | | 1 |
| 49 | Repurposing cephalosporin antibiotics as pro-senescent radiosensitizers. Oncotarget, 2016, 7, 33919-33933. | 0.8 | 18 |
| 50 | The dynamic interactome of human Aha1 upon Y223 phosphorylation. Data in Brief, 2015, 5, 752-755. | 0.5 | 10 |
| 51 | Acetylation of an NB-LRR Plant Immune-Effector Complex Suppresses Immunity. Cell Reports, 2015, 13, 1670-1682. | 2.9 | 78 |
| 52 | Quantitative proteomics of the yeast Hsp70/Hsp90 interactomes during DNA damage reveal chaperone-dependent regulation of ribonucleotide reductase. Journal of Proteomics, 2015, 112, 285-300. | 1.2 | 40 |
| 53 | A toolkit for bioimaging using near-infrared AgInS<sub>2</sub>/ZnS quantum dots. Journal of Materials Chemistry B, 2015, 3, 8188-8196. | 2.9 | 34 |
| 54 | The quantitative changes in the yeast Hsp70 and Hsp90 interactomes upon DNA damage. Data in Brief, 2015, 2, 12-15. | 0.5 | 15 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | c-Abl Mediated Tyrosine Phosphorylation of Aha1 Activates Its Co-chaperone Function in Cancer Cells. Cell Reports, 2015, 12, 1006-1018. | 2.9 | 54 |
| 56 | Disruption of the lamin A and matrin-3 interaction by myopathicLMNAmutations. Human Molecular Genetics, 2015, 24, 4284-4295. | 1.4 | 27 |
| 57 | DNAâ€Directed Assembly of Antibodyâ€“Fluorophore Conjugates for Quantitative Multiparametric Flow Cytometry. ChemBioChem, 2014, 15, 267-275. | 1.3 | 8 |
| 58 | DNA resection proteins Sgs1 and Exo1 are required for G1 checkpoint activation in budding yeast. DNA Repair, 2013, 12, 751-760. | 1.3 | 13 |
| 59 | The yin and yang of cyclin control by nutrients. Cell Cycle, 2013, 12, 865-866. | 1.3 | 4 |
| 60 | Activity Assay of Epidermal Growth Factor Receptor Tyrosine Kinase Inhibitors in Triple-Negative Breast Cancer Cells Using Peptide-Conjugated Magnetic Beads. Assay and Drug Development Technologies, 2013, 11, 44-51. | 0.6 | 1 |
| 61 | CDK-Dependent Hsp70 Phosphorylation Controls G1 Cyclin Abundance and Cell-Cycle Progression. Cell, 2012, 151, 1308-1318. | 13.5 | 122 |
| 62 | Photocleavable peptideâ€“oligonucleotide conjugates for protein kinase assays by MALDI-TOF MS. Molecular BioSystems, 2012, 8, 2395. | 2.9 | 17 |
| 63 | Annotator: Postprocessing Software for Generating Function-based Signatures from Quantitative Mass Spectrometry. Journal of Proteome Research, 2012, 11, 1521-1536. | 1.8 | 1 |
| 64 | Radiation-inducible Immunotherapy for Cancer: Senescent Tumor Cells as a Cancer Vaccine. Molecular Therapy, 2012, 20, 1046-1055. | 3.7 | 66 |
| 65 | Properties of resistant cells generated from lung cancer cell lines treated with EGFR inhibitors. BMC Cancer, 2012, 12, 95. | 1.1 | 36 |
| 66 | Ionizing radiation-induced foci persistence screen to discover enhancers of accelerated senescence. International Journal of High Throughput Screening, 2011, 2, 1. | 0.5 | 13 |
| 67 | A Pairwise Chemical Genetic Screen Identifies New Inhibitors of Glucose Transport. Chemistry and Biology, 2011, 18, 222-230. | 6.2 | 38 |
| 68 | A magnetic bead-based protein kinase assay with dual detection techniques. Analytical Biochemistry, 2011, 408, 5-11. | 1.1 | 16 |
| 69 | Response of Human Prostate Cancer Cells and Tumors to Combining PARP Inhibition with Ionizing Radiation. Molecular Cancer Therapeutics, 2011, 10, 1185-1193. | 1.9 | 76 |
| 70 | Quantifying the sensitivities of EGF receptor (EGFR) tyrosine kinase inhibitors in drug resistant non-small cell lung cancer (NSCLC) cells using hydrogel-based peptide array. Biosensors and Bioelectronics, 2010, 26, 424-431. | 5.3 | 18 |
| 71 | Peptide reporters of kinase activity in whole cell lysates. Biopolymers, 2010, 94, 475-486. | 1.2 | 33 |
| 72 | Epigenetic Modifications in Double-Strand Break DNA Damage Signaling and Repair. Clinical Cancer Research, 2010, 16, 4543-4552. | 3.2 | 132 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Stable-Isotope Labeling for Protein Quantitation by Mass Spectrometry. Current Proteomics, 2010, 7, 144-155. | 0.1 | 9 |
| 74 | Cell Treatment and Lysis in 96-Well Filter-Bottom Plates for Screening Bcr-Abl Activity and Inhibition in Whole-Cell Extracts. Journal of Biomolecular Screening, 2010, 15, 434-440. | 2.6 | 4 |
| 75 | Poly(ADP-Ribose) Polymerase Inhibitor Induces Accelerated Senescence in Irradiated Breast Cancer Cells and Tumors. Cancer Research, 2010, 70, 6277-6282. | 0.4 | 100 |
| 76 | A Bead-Based Activity Screen for Small-Molecule Inhibitors of Signal Transduction in Chronic Myelogenous Leukemia Cells. Molecular Cancer Therapeutics, 2010, 9, 1469-1481. | 1.9 | 14 |
| 77 | Photocleavable Peptide-Conjugated Magnetic Beads for Protein Kinase Assays by MALDI-TOF MS. Bioconjugate Chemistry, 2010, 21, 1917-1924. | 1.8 | 5 |
| 78 | Rapid Validation of Mascot Search Results via Stable Isotope Labeling, Pair Picking, and Deconvolution of Fragmentation Patterns. Molecular and Cellular Proteomics, 2009, 8, 2011-2022. | 2.5 | 11 |
| 79 | Dissection of Rad9 BRCT domain function in the mitotic checkpoint response to telomere uncapping. DNA Repair, 2009, 8, 1452-1461. | 1.3 | 12 |
| 80 | Morphogenesis signaling components influence cell cycle regulation by cyclin dependent kinase. Cell Division, 2009, 4, 12. | 1.1 | 4 |
| 81 | A phosphorylation-independent role for the yeast cyclin-dependent kinase activating kinase Cak1. Gene, 2009, 447, 97-105. | 1.0 | 1 |
| 82 | Investigating quantitation of phosphorylation using MALDIâ€TOF mass spectrometry. Journal of Mass Spectrometry, 2008, 43, 518-527. | 0.7 | 16 |
| 83 | A solid-phase Bcr-Abl kinase assay in 96-well hydrogel plates. Analytical Biochemistry, 2008, 375, 18-26. | 1.1 | 20 |
| 84 | Synthesis enables identification of the cellular target of leucascandrolide A and neopeltolide. Nature Chemical Biology, 2008, 4, 418-424. | 3.9 | 93 |
| 85 | Resveratrol is an effective inducer of CArG-driven TNF-Î± gene therapy. Cancer Gene Therapy, 2008, 15, 133-139. | 2.2 | 37 |
| 86 | Kinase activation in circulating cells: opportunities for biomarkers for diagnosis and therapeutic monitoring. Expert Opinion on Medical Diagnostics, 2008, 2, 33-46. | 1.6 | 2 |
| 87 | Phosphoprotein Profiling by PA-GeLCâ€'MS/MS. Journal of Proteome Research, 2008, 7, 2812-2824. | 1.8 | 21 |
| 88 | Non-Catalytic Function for ATR in the Checkpoint Response. Cell Cycle, 2007, 6, 2019-2030. | 1.3 | 7 |
| 89 | Photocleavable peptide hydrogel arrays for MALDI-TOF analysis of kinase activity. Analyst, The, 2006, 131, 1097. | 1.7 | 21 |
| 90 | CDK Pho85 targets CDK inhibitor Sic1 to relieve yeast G1 checkpoint arrest after DNA damage. Nature Structural and Molecular Biology, 2006, 13, 908-914. | 3.6 | 36 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Control of the Yeast Cell Cycle with a Photocleavable Î±-Factor Analogue. Angewandte Chemie - International Edition, 2006, 45, 6322-6325. | 7.2 | 28 |
| 92 | γ-H2AX as a Therapeutic Target for Improving the Efficacy of Radiation Therapy. Current Cancer Drug Targets, 2006, 6, 197-205. | 0.8 | 62 |
| 93 | Yeast G1 DNA damage checkpoint regulation by H2A phosphorylation is independent of chromatin remodeling. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 13771-13776. | 3.3 | 77 |
| 94 | Assaying Bcr-Abl kinase activity and inhibition in whole cell extracts by phosphorylation of substrates immobilized on agarose beads. Analytical Biochemistry, 2005, 347, 67-76. | 1.1 | 10 |
| 95 | Cellular Response to DNA Damage. Annals of the New York Academy of Sciences, 2005, 1066, 243-258. | 1.8 | 31 |
| 96 | Role of Dot1-Dependent Histone H3 Methylation in G1 and S Phase DNA Damage Checkpoint Functions of Rad9. Molecular and Cellular Biology, 2005, 25, 8430-8443. | 1.1 | 268 |
| 97 | Proteinâ˜'Acrylamide Copolymer Hydrogels for Array-Based Detection of Tyrosine Kinase Activity from Cell Lysates. Biomacromolecules, 2005, 6, 2765-2775. | 2.6 | 36 |
| 98 | Optimizing Thiophosphorylation in the Presence of Competing Phosphorylation with MALDI-TOFâ˜'MS Detection. Journal of Proteome Research, 2005, 4, 1863-1866. | 1.8 | 15 |
| 99 | Monitoring Changes in the Subcellular Location of Proteins in S. cerevisiae. , 2004, 241, 299-312. | | 1 |
| 100 | Yeast cell death during DNA damage arrest is independent of caspase or reactive oxygen species. Journal of Cell Biology, 2004, 166, 311-316. | 2.3 | 73 |
| 101 | Histone H2AX Phosphorylation as a Predictor of Radiosensitivity and Target for Radiotherapy. Journal of Biological Chemistry, 2004, 279, 2273-2280. | 1.6 | 248 |
| 102 | Use of proteinâ€"acrylamide copolymer hydrogels for measuring protein concentration and activity. Analytical Biochemistry, 2004, 329, 180-189. | 1.1 | 27 |
| 103 | Relevance and irrelevance of DNA damage response to radiotherapy. DNA Repair, 2004, 3, 1245-1251. | 1.3 | 26 |
| 104 | Binding of Chromatin-Modifying Activities to Phosphorylated Histone H2A at DNA Damage Sites. Molecular Cell, 2004, 16, 979-990. | 4.5 | 513 |
| 105 | SCIENCE EDUCATION: Enhanced: Educating Future Scientists. Science, 2003, 301, 1485-1485. | 6.0 | 64 |
| 106 | Asynchronous Cell Cycle and Asymmetric Vacuolar Inheritance in True Hyphae of Candida albicans. Eukaryotic Cell, 2003, 2, 398-410. | 3.4 | 75 |
| 107 | An Essential Function of Yeast Cyclin-dependent Kinase Cdc28 Maintains Chromosome Stability. Journal of Biological Chemistry, 2002, 277, 48627-48634. | 1.6 | 16 |
| 108 | Bcl-x Complements Saccharomyces cerevisiae Genes That Facilitate the Switch from Glycolytic to Oxidative Metabolism. Journal of Biological Chemistry, 2002, 277, 44870-44876. | 1.6 | 59 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | NuA4 Subunit Yng2 Function in Intra-S-Phase DNA Damage Response. Molecular and Cellular Biology, 2002, 22, 8215-8225. | 1.1 | 117 |
| 110 | Digital time-lapse microscopy of yeast cell growth. Methods in Enzymology, 2002, 351, 3-15. | 0.4 | 8 |
| 111 | Design and implementation of algorithms for focus automation in digital imaging time-lapse microscopy. Cytometry, 2002, 49, 159-169. | 1.8 | 14 |
| 112 | Depression of Saccharomyces cerevisiae invasive growth on non-glucose carbon sources requires the Snf1 kinase. Molecular Microbiology, 2002, 45, 453-469. | 1.2 | 46 |
| 113 | Marker-fusion PCR for one-step mutagenesis of essential genes in yeast. Yeast, 2002, 19, 141-149. | 0.8 | 23 |
| 114 | Peptide chips for the quantitative evaluation of protein kinase activity. Nature Biotechnology, 2002, 20, 270-274. | 9.4 | 700 |
| 115 | Sensing, signalling and integrating physical processes during Saccharomyces cerevisiae invasive and filamentous growth. Microbiology (United Kingdom), 2002, 148, 893-907. | 0.7 | 103 |
| 116 | Robust G1 checkpoint arrest in budding yeast: dependence on DNA damage signaling and repair. Journal of Cell Science, 2002, 115, 1749-1757. | 1.2 | 47 |
| 117 | Robust G1 checkpoint arrest in budding yeast: dependence on DNA damage signaling and repair. Journal of Cell Science, 2002, 115, 1749-57. | 1.2 | 36 |
| 118 | Cell cycle control of yeast filamentous growth. Current Opinion in Microbiology, 2001, 4, 720-727. | 2.3 | 89 |
| 119 | Yng2p-dependent NuA4 Histone H4 Acetylation Activity Is Required for Mitotic and Meiotic Progression. Journal of Biological Chemistry, 2001, 276, 43653-43662. | 1.6 | 55 |
| 120 | Enhanced Cell Polarity in Mutants of the Budding Yeast Cyclin-dependent Kinase Cdc28p. Molecular Biology of the Cell, 2001, 12, 3589-3600. | 0.9 | 35 |
| 121 | Role of Oxidative Phosphorylation in Bax Toxicity. Molecular and Cellular Biology, 2000, 20, 3590-3596. | 1.1 | 119 |
| 122 | Genetic Analysis Reveals That FLO11 Upregulation and Cell Polarization Independently Regulate Invasive Growth in Saccharomyces cerevisiae. Genetics, 2000, 156, 1005-1023. | 1.2 | 88 |
| 123 | Role of Oxidative Phosphorylation in Bax Toxicity. Molecular and Cellular Biology, 2000, 20, 3590-3596. | 1.1 | 6 |
| 124 | Regulation of G2/M Progression by the STE Mitogen-activated Protein Kinase Pathway in Budding Yeast Filamentous Growth. Molecular Biology of the Cell, 1999, 10, 3301-3316. | 0.9 | 72 |
| 125 | A Novel Mechanism of Ion Homeostasis and Salt Tolerance in Yeast: the Hal4 and Hal5 Protein Kinases Modulate the Trk1-Trk2 Potassium Transporter. Molecular and Cellular Biology, 1999, 19, 3328-3337. | 1.1 | 179 |
| 126 | Filamentous growth in budding yeast. Trends in Microbiology, 1997, 5, 450-454. | 3.5 | 63 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Budding yeast morphogenesis: signalling, cytoskeleton and cell cycle. Current Opinion in Cell Biology, 1995, 7, 845-855. | 2.6 | 135 |
| 128 | Yeast actin filaments display ATP-dependent sliding movement over surfaces coated with rabbit muscle myosin.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 4466-4470. | 3.3 | 58 |
| 129 | [33] Assays for actin sliding movement over myosin-coated surfaces. Methods in Enzymology, 1991, 196, 399-416. | 0.4 | 382 |
| 130 | Quantized velocities at low myosin densities in an in vitro motility. Nature, 1991, 352, 307-311. | 13.7 | 187 |
| 131 | An approach to reconstituting motility of single myosin molecules. Journal of Cell Science, 1991, 1991, 129-133. | 1.2 | 15 |
| 132 | Myosin step size. Journal of Molecular Biology, 1990, 214, 699-710. | 2.0 | 457 |
| 133 | Myosin subfragment-1 is sufficient to move actin filaments in vitro. Nature, 1987, 328, 536-539. | 13.7 | 516 |
| 134 | Movement of myosin-coated beads on oriented filaments reconstituted from purified actin. Nature, 1985, 315, 584-586. | 13.7 | 132 |
| 135 | Intracellular Calcium and Taste Cell Transduction. , 1981, , 287-309. | | 0 |