

Matthias P Mayer

List of Publications by Year in descending order

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130
papers

14,627
citations

25423

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23841

115
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147
all docs

147
docs citations

147
times ranked

13807
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Molecular mechanisms of heat shock factor 1 regulation. Trends in Biochemical Sciences, 2022, 47, 218-234. | 3.7 | 42 |
| 2 | The Hsp70-Chaperone Machines in Bacteria. Frontiers in Molecular Biosciences, 2021, 8, 694012. | 1.6 | 37 |
| 3 | Heat shock transcription factor 1 is SUMOylated in the activated trimeric state. Journal of Biological Chemistry, 2021, 296, 100324. | 1.6 | 15 |
| 4 | Co-chaperone involvement in knob biogenesis implicates host-derived chaperones in malaria virulence. PLoS Pathogens, 2021, 17, e1009969. | 2.1 | 9 |
| 5 | Complexin Suppresses Spontaneous Exocytosis by Capturing the Membrane-Proximal Regions of VAMP2 and SNAP25. Cell Reports, 2020, 32, 107926. | 2.9 | 33 |
| 6 | Structural characterization of an Arf dimer interface: molecular mechanism of Arf-dependent membrane scission. FEBS Letters, 2020, 594, 2240-2253. | 1.3 | 12 |
| 7 | Functional diversity between HSP70 paralogs caused by variable interactions with specific co-chaperones. Journal of Biological Chemistry, 2020, 295, 7301-7316. | 1.6 | 39 |
| 8 | Feedback regulation of heat shock factor 1 (Hsf1) activity by Hsp70-mediated trimer unzipping and dissociation from <sc>DNA</sc>. EMBO Journal, 2020, 39, e104096. | 3.5 | 55 |
| 9 | Heat Shock Protein 90 α -Dependent B-Cell-Associated Transcription Factor 1 Promotes Hepatocellular Carcinoma Proliferation by Regulating MYC Proto-Oncogene mRNA Stability. Hepatology, 2019, 69, 1564-1581. | 3.6 | 34 |
| 10 | The Hsp70 chaperone network. Nature Reviews Molecular Cell Biology, 2019, 20, 665-680. | 16.1 | 721 |
| 11 | Toxic Activation of an AAA+ Protease by the Antibacterial Drug Cyclomarin A. Cell Chemical Biology, 2019, 26, 1169-1179.e4. | 2.5 | 36 |
| 12 | Hsp90 middle domain phosphorylation initiates a complex conformational program to recruit the ATPase-stimulating cochaperone Aha1. Nature Communications, 2019, 10, 2574. | 5.8 | 39 |
| 13 | Hsp70- and Hsp90-Mediated Regulation of the Conformation of p53 DNA Binding Domain and p53 Cancer Variants. Molecular Cell, 2019, 74, 831-843.e4. | 4.5 | 80 |
| 14 | Recent advances in the structural and mechanistic aspects of Hsp70 molecular chaperones. Journal of Biological Chemistry, 2019, 294, 2085-2097. | 1.6 | 202 |
| 15 | Bclaf1 promotes angiogenesis by regulating HIF-1 α transcription in hepatocellular carcinoma. Oncogene, 2019, 38, 1845-1859. | 2.6 | 71 |
| 16 | The Hsp70-Hsp90 Chaperone Cascade in Protein Folding. Trends in Cell Biology, 2019, 29, 164-177. | 3.6 | 170 |
| 17 | Unstructured regions in IRE1 α specify BiP-mediated destabilisation of the luminal domain dimer and repression of the UPR. ELife, 2019, 8, . | 2.8 | 35 |
| 18 | Hsp90 Breaks the Deadlock of the Hsp70 Chaperone System. Molecular Cell, 2018, 70, 545-552.e9. | 4.5 | 124 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | A prion-like domain in Hsp42 drives chaperone-facilitated aggregation of misfolded proteins. <i>Journal of Cell Biology</i> , 2018, 217, 1269-1285. | 2.3 | 57 |
| 20 | Molecular Mechanism of J-Domain-Triggered ATP Hydrolysis by Hsp70 Chaperones. <i>Molecular Cell</i> , 2018, 69, 227-237.e4. | 4.5 | 201 |
| 21 | Nucleotide exchange factors Fes1 and HspBP1 mimic substrate to release misfolded proteins from Hsp70. <i>Nature Structural and Molecular Biology</i> , 2018, 25, 83-89. | 3.6 | 42 |
| 22 | Protein Folding Mediated by Trigger Factor and Hsp70: New Insights from Single-Molecule Approaches. <i>Journal of Molecular Biology</i> , 2018, 430, 438-449. | 2.0 | 29 |
| 23 | Nucleotide Exchange Factors for Hsp70 Chaperones. <i>Methods in Molecular Biology</i> , 2018, 1709, 179-188. | 0.4 | 7 |
| 24 | Intra-molecular pathways of allosteric control in Hsp70s. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170183. | 1.8 | 45 |
| 25 | Isoform-Specific Phosphorylation in Human Hsp90 α^2 Affects Interaction with Clients and the Cochaperone Cdc37. <i>Journal of Molecular Biology</i> , 2017, 429, 732-752. | 2.0 | 30 |
| 26 | Large Rotation of the N-terminal Domain of Hsp90 Is Important for Interaction with Some but Not All Client Proteins. <i>Journal of Molecular Biology</i> , 2017, 429, 1406-1423. | 2.0 | 20 |
| 27 | The Hsp70 homolog Ssb affects ribosome biogenesis via the TORC1-Sch9 signaling pathway. <i>Nature Communications</i> , 2017, 8, 937. | 5.8 | 22 |
| 28 | Hormesis enables cells to handle accumulating toxic metabolites during increased energy flux. <i>Redox Biology</i> , 2017, 13, 674-686. | 3.9 | 31 |
| 29 | Profiling Ssb-Nascent Chain Interactions Reveals Principles of Hsp70-Assisted Folding. <i>Cell</i> , 2017, 170, 298-311.e20. | 13.5 | 154 |
| 30 | The Hsp40 J α -domain modulates Hsp70 conformation and ATPase activity with a semi α -elliptical spring. <i>Protein Science</i> , 2017, 26, 1838-1851. | 3.1 | 18 |
| 31 | Molecular mechanism of thermosensory function of human heat shock transcription factor Hsf1. <i>ELife</i> , 2016, 5, . | 2.8 | 106 |
| 32 | Small heat shock proteins sequester misfolding proteins in near-native conformation for cellular protection and efficient refolding. <i>Nature Communications</i> , 2016, 7, 13673. | 5.8 | 147 |
| 33 | The oxidation state of the cytoplasmic glutathione redox system does not correlate with replicative lifespan in yeast. <i>Npj Aging and Mechanisms of Disease</i> , 2016, 2, 16028. | 4.5 | 20 |
| 34 | Multivalent contacts of the Hsp70 Ssb contribute to its architecture on ribosomes and nascent chain interaction. <i>Nature Communications</i> , 2016, 7, 13695. | 5.8 | 25 |
| 35 | Small Molecule Inhibitors Targeting Tec Kinase Block Unconventional Secretion of Fibroblast Growth Factor 2. <i>Journal of Biological Chemistry</i> , 2016, 291, 17787-17803. | 1.6 | 32 |
| 36 | Alternative modes of client binding enable functional plasticity of Hsp70. <i>Nature</i> , 2016, 539, 448-451. | 13.7 | 167 |

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|----|--|------|-----------|
| 37 | A model for handling cell stress. <i>ELife</i> , 2016, 5, . | 2.8 | 15 |
| 38 | Insights into the molecular mechanism of allostery in Hsp70s. <i>Frontiers in Molecular Biosciences</i> , 2015, 2, 58. | 1.6 | 64 |
| 39 | The Novolactone Natural Product Disrupts the Allosteric Regulation of Hsp70. <i>Chemistry and Biology</i> , 2015, 22, 87-97. | 6.2 | 49 |
| 40 | Crucial HSP70 co-chaperone complex unlocks metazoan protein disaggregation. <i>Nature</i> , 2015, 524, 247-251. | 13.7 | 320 |
| 41 | Hsp90: Breaking the Symmetry. <i>Molecular Cell</i> , 2015, 58, 8-20. | 4.5 | 148 |
| 42 | Pathways of allosteric regulation in Hsp70 chaperones. <i>Nature Communications</i> , 2015, 6, 8308. | 5.8 | 110 |
| 43 | Backbone circularization of <i>Bacillus subtilis</i> family 11 xylanase increases its thermostability and its resistance against aggregation. <i>Molecular BioSystems</i> , 2015, 11, 3231-3243. | 2.9 | 21 |
| 44 | Human Hsp70 Disaggregase Reverses Parkinson's-Linked α -Synuclein Amyloid Fibrils. <i>Molecular Cell</i> , 2015, 59, 781-793. | 4.5 | 336 |
| 45 | c-Abl Mediated Tyrosine Phosphorylation of Aha1 Activates Its Co-chaperone Function in Cancer Cells. <i>Cell Reports</i> , 2015, 12, 1006-1018. | 2.9 | 54 |
| 46 | HIV-Tat Protein Forms Phosphoinositide-dependent Membrane Pores Implicated in Unconventional Protein Secretion. <i>Journal of Biological Chemistry</i> , 2015, 290, 21976-21984. | 1.6 | 46 |
| 47 | Differences in conformational dynamics within the Hsp90 chaperone family reveal mechanistic insights. <i>Frontiers in Molecular Biosciences</i> , 2014, 1, 4. | 1.6 | 36 |
| 48 | Light-Induced Differences in Conformational Dynamics of the Circadian Clock Regulator VIVID. <i>Journal of Molecular Biology</i> , 2014, 426, 601-610. | 2.0 | 14 |
| 49 | Chaperone Action at the Single-Molecule Level. <i>Chemical Reviews</i> , 2014, 114, 660-676. | 23.0 | 51 |
| 50 | An Extended Helical Conformation in Domain 3a of Munc18-1 Provides a Template for SNARE (Soluble) Tj ETQq0 0 0 rgBT /Overlock 10 T <i>Biological Chemistry</i> , 2014, 289, 9639-9650. | 1.6 | 105 |
| 51 | Dynamic enzyme docking to the ribosome coordinates N-terminal processing with polypeptide folding. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 843-850. | 3.6 | 58 |
| 52 | Hsp70 chaperone dynamics and molecular mechanism. <i>Trends in Biochemical Sciences</i> , 2013, 38, 507-514. | 3.7 | 368 |
| 53 | Modeling of Hsp70-Mediated Protein Refolding. <i>Molecular Biology Intelligence Unit</i> , 2013, , 169-176. | 0.2 | 0 |
| 54 | Analyzing Protein Dynamics Using Hydrogen Exchange Mass Spectrometry. <i>Journal of Visualized Experiments</i> , 2013, , . | 0.2 | 9 |

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| 55 | Functional Analysis of Hsp70 Inhibitors. PLoS ONE, 2013, 8, e78443. | 1.1 | 160 |
| 56 | Dynamics of the regulation of Hsp90 by the co-chaperone Sti1. EMBO Journal, 2012, 31, 1518-1528. | 3.5 | 85 |
| 57 | The universe of Hsp90. Biomolecular Concepts, 2012, 3, 79-97. | 1.0 | 16 |
| 58 | Charged linker sequence modulates eukaryotic heat shock protein 90 (Hsp90) chaperone activity. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2937-2942. | 3.3 | 107 |
| 59 | Structure and Dynamics of the ATP-Bound Open Conformation of Hsp70 Chaperones. Molecular Cell, 2012, 48, 863-874. | 4.5 | 362 |
| 60 | Cross-Monomer Substrate Contacts Reposition the Hsp90 N-Terminal Domain and Prime the Chaperone Activity. Journal of Molecular Biology, 2012, 415, 3-15. | 2.0 | 45 |
| 61 | The Unfolding Story of a Redox Chaperone. Cell, 2012, 148, 843-844. | 13.5 | 17 |
| 62 | From a Ratchet Mechanism to Random Fluctuations Evolution of Hsp90's Mechanochemical Cycle. Journal of Molecular Biology, 2012, 423, 462-471. | 2.0 | 47 |
| 63 | Allostery in the Hsp70 Chaperone Proteins. Topics in Current Chemistry, 2012, 328, 99-153. | 4.0 | 142 |
| 64 | Mechanics of Hsp70 chaperones enables differential interaction with client proteins. Nature Structural and Molecular Biology, 2011, 18, 345-351. | 3.6 | 181 |
| 65 | Automated detection and analysis of bimodal isotope peak distributions in H/D exchange mass spectrometry using HeXicon. International Journal of Mass Spectrometry, 2011, 302, 125-131. | 0.7 | 22 |
| 66 | The Chaperone Network Connected to Human Ribosome-Associated Complex. Molecular and Cellular Biology, 2011, 31, 1160-1173. | 1.1 | 77 |
| 67 | Lipids Trigger a Conformational Switch That Regulates Signal Recognition Particle (SRP)-mediated Protein Targeting. Journal of Biological Chemistry, 2011, 286, 23489-23497. | 1.6 | 39 |
| 68 | Nucleotide Exchange Factors for Hsp70 Chaperones. Methods in Molecular Biology, 2011, 787, 83-91. | 0.4 | 20 |
| 69 | CHIP participates in protein triage decisions by preferentially ubiquitinating Hsp70-bound substrates. FEBS Journal, 2010, 277, 3353-3367. | 2.2 | 91 |
| 70 | Asn1/TRC40-mediated membrane insertion of tail-anchored proteins. Journal of Cell Science, 2010, 123, 1522-1530. | 1.2 | 53 |
| 71 | Deuteration distribution estimation with improved sequence coverage for HX/MS experiments. Bioinformatics, 2010, 26, 1535-1541. | 1.8 | 44 |
| 72 | Insights into the Conformational Dynamics of the E3 Ubiquitin Ligase CHIP in Complex with Chaperones and E2 Enzymes. Biochemistry, 2010, 49, 2121-2129. | 1.2 | 48 |

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| 73 | Phosphotyrosine Confers Client Specificity to Hsp90. <i>Molecular Cell</i> , 2010, 37, 295-296. | 4.5 | 15 |
| 74 | Gymnastics of Molecular Chaperones. <i>Molecular Cell</i> , 2010, 39, 321-331. | 4.5 | 309 |
| 75 | Impaired Interdomain Communication in Mitochondrial Hsp70 Results in the Loss of Inward-directed Translocation Force. <i>Journal of Biological Chemistry</i> , 2009, 284, 2934-2946. | 1.6 | 16 |
| 76 | An intrinsic quality-control mechanism ensures unconventional secretion of fibroblast growth factor 2 in a folded conformation. <i>Journal of Cell Science</i> , 2009, 122, 3322-3329. | 1.2 | 38 |
| 77 | Targeting heat shock protein 90 with non-quinone inhibitors: A novel chemotherapeutic approach in human hepatocellular carcinoma. <i>Hepatology</i> , 2009, 50, 102-112. | 3.6 | 68 |
| 78 | Spatially and kinetically resolved changes in the conformational dynamics of the Hsp90 chaperone machine. <i>EMBO Journal</i> , 2009, 28, 602-613. | 3.5 | 126 |
| 79 | Hsp90 charged-linker truncation reverses the functional consequences of weakened hydrophobic contacts in the N domain. <i>Nature Structural and Molecular Biology</i> , 2009, 16, 1141-1147. | 3.6 | 78 |
| 80 | The Hsp90 mosaic: a picture emerges. <i>Nature Structural and Molecular Biology</i> , 2009, 16, 2-6. | 3.6 | 40 |
| 81 | Chaperones in the Morphogenesis of Viruses. <i>Heat Shock Proteins</i> , 2009, , 85-105. | 0.2 | 1 |
| 82 | Molecular Basis for Regulation of the Heat Shock Transcription Factor σ 32 by the DnaK and DnaJ Chaperones. <i>Molecular Cell</i> , 2008, 32, 347-358. | 4.5 | 151 |
| 83 | Hsp110 Is a Nucleotide-activated Exchange Factor for Hsp70. <i>Journal of Biological Chemistry</i> , 2008, 283, 8877-8884. | 1.6 | 142 |
| 84 | Dynamics of Trigger Factor Interaction with Translating Ribosomes. <i>Journal of Biological Chemistry</i> , 2008, 283, 4124-4132. | 1.6 | 82 |
| 85 | Human Heat Shock Protein 70 Enhances Tumor Antigen Presentation through Complex Formation and Intracellular Antigen Delivery without Innate Immune Signaling. <i>Journal of Biological Chemistry</i> , 2007, 282, 31688-31702. | 1.6 | 111 |
| 86 | Functional Characterization of the Atypical Hsp70 Subunit of Yeast Ribosome-associated Complex. <i>Journal of Biological Chemistry</i> , 2007, 282, 33977-33984. | 1.6 | 38 |
| 87 | The Drosophila mitotic inhibitor Fr \tilde{A} 14hstart specifically binds to the hydrophobic patch of cyclins. <i>EMBO Reports</i> , 2007, 8, 490-496. | 2.0 | 23 |
| 88 | Modeling Hsp70-Mediated Protein Folding. <i>Biophysical Journal</i> , 2006, 91, 496-507. | 0.2 | 37 |
| 89 | Human and yeast Hsp110 chaperones exhibit functional differences. <i>FEBS Letters</i> , 2006, 580, 168-174. | 1.3 | 62 |
| 90 | Allosteric Regulation of Hsp70 Chaperones by a Proline Switch. <i>Molecular Cell</i> , 2006, 21, 359-367. | 4.5 | 166 |

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| 91 | A Multimeric Membrane Protein Reveals 14-3-3 Isoform Specificity in Forward Transport in Yeast. <i>Traffic</i> , 2006, 7, 903-916. | 1.3 | 23 |
| 92 | Chaperone network in the yeast cytosol: Hsp110 is revealed as an Hsp70 nucleotide exchange factor. <i>EMBO Journal</i> , 2006, 25, 2510-2518. | 3.5 | 243 |
| 93 | Yfhj, a Molecular Adaptor in Iron-Sulfur Cluster Formation or a Frataxin-like Protein?. <i>Structure</i> , 2006, 14, 857-867. | 1.6 | 42 |
| 94 | Allosteric Regulation of Hsp70 Chaperones Involves a Conserved Interdomain Linker. <i>Journal of Biological Chemistry</i> , 2006, 281, 38705-38711. | 1.6 | 196 |
| 95 | Amide Hydrogen Exchange Reveals Conformational Changes in Hsp70 Chaperones Important for Allosteric Regulation. <i>Journal of Biological Chemistry</i> , 2006, 281, 16493-16501. | 1.6 | 111 |
| 96 | Rapid desalting of protein samples for on-line microflow electrospray ionization mass spectrometry. <i>Analytical Biochemistry</i> , 2005, 342, 160-162. | 1.1 | 27 |
| 97 | Analysis of subsecond protein dynamics by amide hydrogen exchange and mass spectrometry using a quenched-flow setup. <i>Protein Science</i> , 2005, 14, 626-632. | 3.1 | 43 |
| 98 | Hsp70 chaperones: Cellular functions and molecular mechanism. <i>Cellular and Molecular Life Sciences</i> , 2005, 62, 670-684. | 2.4 | 2,356 |
| 99 | Recruitment of Hsp70 chaperones: a crucial part of viral survival strategies. , 2005, 153, 1-46. | | 204 |
| 100 | Dimerization of the Human E3 Ligase CHIP via a Coiled-coil Domain Is Essential for Its Activity. <i>Journal of Biological Chemistry</i> , 2004, 279, 2673-2678. | 1.6 | 105 |
| 101 | Influence of GrpE on DnaK-Substrate Interactions. <i>Journal of Biological Chemistry</i> , 2004, 279, 27957-27964. | 1.6 | 62 |
| 102 | Timing the catch. <i>Nature Structural and Molecular Biology</i> , 2004, 11, 6-8. | 3.6 | 22 |
| 103 | Mechanism of substrate recognition by Hsp70 chaperones. <i>Biochemical Society Transactions</i> , 2004, 32, 617-621. | 1.6 | 72 |
| 104 | Revisiting vimentin expression in early chick development. <i>Anatomy and Embryology</i> , 2003, 206, 391-397. | 1.5 | 2 |
| 105 | Posttranscriptional Control of Quorum-Sensing-Dependent Virulence Genes by DksA in <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2003, 185, 3558-3566. | 1.0 | 84 |
| 106 | Mapping Temperature-induced Conformational Changes in the <i>Escherichia coli</i> Heat Shock Transcription Factor σ 32 by Amide Hydrogen Exchange. <i>Journal of Biological Chemistry</i> , 2003, 278, 51415-51421. | 1.6 | 50 |
| 107 | Structure-Function Analysis of HscC, the <i>Escherichia coli</i> Member of a Novel Subfamily of Specialized Hsp70 Chaperones. <i>Journal of Biological Chemistry</i> , 2002, 277, 41060-41069. | 1.6 | 45 |
| 108 | Major Differences in Antigen-Processing Correlate with a Single Arg71 \rightarrow Lys Substitution in HLA-DR Molecules Predisposing to Rheumatoid Arthritis and with Their Selective Interactions with 70-kDa Heat Shock Protein Chaperones. <i>Journal of Immunology</i> , 2002, 169, 3015-3020. | 0.4 | 28 |

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| 109 | Aha, Another Regulator for Hsp90 Chaperones. <i>Molecular Cell</i> , 2002, 10, 1255-1256. | 4.5 | 35 |
| 110 | Mechanisms of Protein Folding: Molecular Chaperones and Their Application in Biotechnology. <i>ChemBioChem</i> , 2002, 3, 807-814. | 1.3 | 84 |
| 111 | Hsp70 chaperone machines. <i>Advances in Protein Chemistry</i> , 2001, 59, 1-44. | 4.4 | 126 |
| 112 | Upregulation of the Cochaperone Mdg1 in Endothelial Cells Is Induced by Stress and during in Vitro Angiogenesis. <i>Experimental Cell Research</i> , 2001, 269, 42-53. | 1.2 | 42 |
| 113 | Tuning of chaperone activity of Hsp70 proteins by modulation of nucleotide exchange. <i>Nature Structural Biology</i> , 2001, 8, 427-432. | 9.7 | 205 |
| 114 | Bag-1M Accelerates Nucleotide Release for Human Hsc70 and Hsp70 and Can Act Concentration-dependent as Positive and Negative Cofactor. <i>Journal of Biological Chemistry</i> , 2001, 276, 32538-32544. | 1.6 | 146 |
| 115 | Pseudo-T-even Bacteriophage RB49 Encodes CocO, a Cochaperonin for GroEL, Which Can Substitute for Escherichia coli's GroES and Bacteriophage T4's Gp31. <i>Journal of Biological Chemistry</i> , 2001, 276, 8720-8726. | 1.6 | 27 |
| 116 | Multistep mechanism of substrate binding determines chaperone activity of Hsp70. <i>Nature Structural Biology</i> , 2000, 7, 586-593. | 9.7 | 335 |
| 117 | Molecular Basis for Interactions of the DnaK Chaperone with Substrates. <i>Biological Chemistry</i> , 2000, 381, 877-85. | 1.2 | 111 |
| 118 | Modulation of substrate specificity of the DnaK chaperone by alteration of a hydrophobic arch. <i>Journal of Molecular Biology</i> , 2000, 304, 245-251. | 2.0 | 65 |
| 119 | Mechanism of regulation of Hsp70 chaperones by DnaJ cochaperones. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 5452-5457. | 3.3 | 521 |
| 120 | Molecular chaperones: The busy life of Hsp90. <i>Current Biology</i> , 1999, 9, R322-R325. | 1.8 | 138 |
| 121 | Investigation of the Interaction between DnaK and DnaJ by Surface Plasmon Resonance Spectroscopy. <i>Journal of Molecular Biology</i> , 1999, 289, 1131-1144. | 2.0 | 126 |
| 122 | Mutations in the DnaK chaperone affecting interaction with the DnaJ cochaperone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 15229-15234. | 3.3 | 170 |
| 123 | Modulation of the Escherichia coli σ^E (RpoE) heat shock transcription factor activity by the RseA, RseB and RseC proteins. <i>Molecular Microbiology</i> , 1997, 24, 355-371. | 1.2 | 327 |
| 124 | A new set of useful cloning and expression vectors derived from pBlueScript. <i>Gene</i> , 1995, 163, 41-46. | 1.0 | 210 |
| 125 | Protein farnesyltransferase: production in Escherichia coli and immunoaffinity purification of the heterodimer from Saccharomyces cerevisiae. <i>Gene</i> , 1993, 132, 41-47. | 1.0 | 48 |
| 126 | Disruption and mapping of IDI1, the gene for isopentenyl diphosphate isomerase in Saccharomyces cerevisiae. <i>Yeast</i> , 1992, 8, 743-748. | 0.8 | 35 |

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| 127 | Quinone compounds are able to replace molecular oxygen as terminal electron acceptor in phytoene desaturation in chromoplasts of <i>Narcissus pseudonarcissus</i> L. <i>FEBS Journal</i> , 1990, 191, 359-363. | 0.2 | 109 |
| 128 | Molecular oxygen and the state of geometric isomerism of intermediates are essential in the carotene desaturation and cyclization reactions in daffodil chromoplasts. <i>FEBS Journal</i> , 1989, 184, 141-150. | 0.2 | 101 |
| 129 | The in vitro mode of action of bleaching herbicides on the desaturation of 15-cis-phytoene and cis- β -carotene in isolated daffodil chromoplasts. <i>Pesticide Biochemistry and Physiology</i> , 1989, 34, 111-117. | 1.6 | 38 |
| 130 | Conformational Dynamics of the Hsp90 Chaperone Machine. , 0, 2007, . | | 0 |