

Eric Chevet

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/409377/publications.pdf>

Version: 2024-02-01

201
papers

23,197
citations

25034

57
h-index

8396

147
g-index

222
all docs

222
docs citations

222
times ranked

38074
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222. | 9.1 | 4,701 |
| 2 | Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544. | 9.1 | 3,122 |
| 3 | Integrated analysis of somatic mutations and focal copy-number changes identifies key genes and pathways in hepatocellular carcinoma. <i>Nature Genetics</i> , 2012, 44, 694-698. | 21.4 | 1,229 |
| 4 | Targeting the unfolded protein response in disease. <i>Nature Reviews Drug Discovery</i> , 2013, 12, 703-719. | 46.4 | 765 |
| 5 | Endoplasmic Reticulum-Mediated Phagocytosis Is a Mechanism of Entry into Macrophages. <i>Cell</i> , 2002, 110, 119-131. | 28.9 | 647 |
| 6 | Proteostasis control by the unfolded protein response. <i>Nature Cell Biology</i> , 2015, 17, 829-838. | 10.3 | 583 |
| 7 | Endoplasmic reticulum stress signalling and the pathogenesis of non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , 2018, 69, 927-947. | 3.7 | 569 |
| 8 | Endoplasmic reticulum stress signalling – from basic mechanisms to clinical applications. <i>FEBS Journal</i> , 2019, 286, 241-278. | 4.7 | 568 |
| 9 | Mitogen-Activated Protein (MAP) Kinase/MAP Kinase Phosphatase Regulation: Roles in Cell Growth, Death, and Cancer. <i>Pharmacological Reviews</i> , 2008, 60, 261-310. | 16.0 | 515 |
| 10 | Getting RIDD of RNA: IRE1 in cell fate regulation. <i>Trends in Biochemical Sciences</i> , 2014, 39, 245-254. | 7.5 | 485 |
| 11 | Endoplasmic Reticulum Stress and the Hallmarks of Cancer. <i>Trends in Cancer</i> , 2016, 2, 252-262. | 7.4 | 406 |
| 12 | Integrated Endoplasmic Reticulum Stress Responses in Cancer. <i>Cancer Research</i> , 2007, 67, 10631-10634. | 0.9 | 377 |
| 13 | <i>C. elegans</i> ORFeome version 1.1: experimental verification of the genome annotation and resource for proteome-scale protein expression. <i>Nature Genetics</i> , 2003, 34, 35-41. | 21.4 | 347 |
| 14 | Endoplasmic Reticulum Stress-Activated Cell Reprogramming in Oncogenesis. <i>Cancer Discovery</i> , 2015, 5, 586-597. | 9.4 | 292 |
| 15 | Inositol-requiring enzyme 1 β is a key regulator of angiogenesis and invasion in malignant glioma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15553-15558. | 7.1 | 262 |
| 16 | Genomic Profiling of Hepatocellular Adenomas Reveals Recurrent FRK-Activating Mutations and the Mechanisms of Malignant Transformation. <i>Cancer Cell</i> , 2014, 25, 428-441. | 16.8 | 240 |
| 17 | Proteomics Characterization of Abundant Golgi Membrane Proteins. <i>Journal of Biological Chemistry</i> , 2001, 276, 5152-5165. | 3.4 | 217 |
| 18 | IRE1 Signaling Is Essential for Ischemia-Induced Vascular Endothelial Growth Factor-A Expression and Contributes to Angiogenesis and Tumor Growth <i>In vivo</i> . <i>Cancer Research</i> , 2007, 67, 6700-6707. | 0.9 | 197 |

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Inhibition of IRE1 RNase activity modulates the tumor cell secretome and enhances response to chemotherapy. <i>Nature Communications</i> , 2018, 9, 3267. | 12.8 | 192 |
| 20 | Endoplasmic reticulum stress signaling and chemotherapy resistance in solid cancers. <i>Oncogenesis</i> , 2017, 6, e373-e373. | 4.9 | 186 |
| 21 | Protein-tyrosine Phosphatase 1B Potentiates IRE1 Signaling during Endoplasmic Reticulum Stress. <i>Journal of Biological Chemistry</i> , 2004, 279, 49689-49693. | 3.4 | 181 |
| 22 | Endoplasmic Reticulum Stress-Activated Transcription Factor ATF6 \pm Requires the Disulfide Isomerase PDIA5 To Modulate Chemoresistance. <i>Molecular and Cellular Biology</i> , 2014, 34, 1839-1849. | 2.3 | 163 |
| 23 | Redox signaling loops in the unfolded protein response. <i>Cellular Signalling</i> , 2012, 24, 1548-1555. | 3.6 | 157 |
| 24 | Nck-dependent Activation of Extracellular Signal-regulated Kinase-1 and Regulation of Cell Survival during Endoplasmic Reticulum Stress. <i>Molecular Biology of the Cell</i> , 2004, 15, 4248-4260. | 2.1 | 156 |
| 25 | Spadin, a Sortilin-Derived Peptide, Targeting Rodent TREK-1 Channels: A New Concept in the Antidepressant Drug Design. <i>PLoS Biology</i> , 2010, 8, e1000355. | 5.6 | 151 |
| 26 | Pathogenic <i>Neisseria meningitidis</i> utilizes CD147 for vascular colonization. <i>Nature Medicine</i> , 2014, 20, 725-731. | 30.7 | 145 |
| 27 | Redox controls UPR to control redox. <i>Journal of Cell Science</i> , 2014, 127, 3649-58. | 2.0 | 136 |
| 28 | p58IPK-Mediated Attenuation of the Proapoptotic PERK-CHOP Pathway Allows Malignant Progression upon Low Glucose. <i>Molecular Cell</i> , 2013, 49, 1049-1059. | 9.7 | 133 |
| 29 | Dual $\langle \text{sc} \rangle \text{IRE} \langle / \text{sc} \rangle$ 1 $\langle \text{sc} \rangle \text{RN} \langle / \text{sc} \rangle$ ase functions dictate glioblastoma development. <i>EMBO Molecular Medicine</i> , 2018, 10, . | 6.9 | 130 |
| 30 | Dengue virus serotype infection specifies the activation of the unfolded protein response. <i>Virology Journal</i> , 2007, 4, 91. | 3.4 | 127 |
| 31 | Interactome Screening Identifies the ER Luminal Chaperone Hsp47 as a Regulator of the Unfolded Protein Response Transducer IRE1 \pm . <i>Molecular Cell</i> , 2018, 69, 238-252.e7. | 9.7 | 127 |
| 32 | The endoplasmic reticulum: integration of protein folding, quality control, signaling and degradation. <i>Current Opinion in Structural Biology</i> , 2001, 11, 120-124. | 5.7 | 126 |
| 33 | Emerging roles for the pro-oncogenic anterior gradient-2 in cancer development. <i>Oncogene</i> , 2013, 32, 2499-2509. | 5.9 | 126 |
| 34 | Phosphoprotein analysis: from proteins to proteomes. <i>Proteome Science</i> , 2006, 4, 15. | 1.7 | 122 |
| 35 | Endoplasmic reticulum stress signaling: the microRNA connection. <i>American Journal of Physiology - Cell Physiology</i> , 2013, 304, C1117-C1126. | 4.6 | 122 |
| 36 | Low concentrations of tetramethylammonium chloride increase yield and specificity of PCR. <i>Nucleic Acids Research</i> , 1995, 23, 3343-3344. | 14.5 | 121 |

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 37 | Posttranscriptional Regulation of <i>PER1</i> Underlies the Oncogenic Function of IRE1 β . <i>Cancer Research</i> , 2013, 73, 4732-4743. | 0.9 | 115 |
| 38 | The heterodimeric structure of glucosidase II is required for its activity, solubility, and localization in vivo. <i>Glycobiology</i> , 2000, 10, 815-827. | 2.5 | 109 |
| 39 | Endoplasmic reticulum proteostasis in glioblastoma—From molecular mechanisms to therapeutic perspectives. <i>Science Signaling</i> , 2017, 10, . | 3.6 | 107 |
| 40 | Phosphorylation by CK2 and MAPK enhances calnexin association with ribosomes. <i>EMBO Journal</i> , 1999, 18, 3655-3666. | 7.8 | 103 |
| 41 | Association of calnexin with mutant peripheral myelin protein-22 ex vivo: A basis for "gain-of-function" ER diseases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 9852-9857. | 7.1 | 100 |
| 42 | Low-Protein Diet Induces IRE1 β -Dependent Anticancer Immunosurveillance. <i>Cell Metabolism</i> , 2018, 27, 828-842.e7. | 16.2 | 99 |
| 43 | IRE1 β governs cytoskeleton remodelling and cell migration through a direct interaction with filamin A. <i>Nature Cell Biology</i> , 2018, 20, 942-953. | 10.3 | 98 |
| 44 | Autocrine control of glioma cells adhesion/migration through Inositol Requiring enzyme 1 β (IRE1 β)-mediated cleavage of Secreted Protein Acidic Rich in Cysteine (SPARC) mRNA. <i>Journal of Cell Science</i> , 2012, 125, 4278-87. | 2.0 | 96 |
| 45 | Role of Pro-oncogenic Protein Disulfide Isomerase (PDI) Family Member Anterior Gradient 2 (AGR2) in the Control of Endoplasmic Reticulum Homeostasis. <i>Journal of Biological Chemistry</i> , 2011, 286, 44855-44868. | 3.4 | 95 |
| 46 | Tyrosine phosphorylation of p97 regulates transitional endoplasmic reticulum assembly in vitro. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 13637-13642. | 7.1 | 92 |
| 47 | Cellular Mechanisms of Endoplasmic Reticulum Stress Signaling in Health and Disease. 3. Orchestrating the unfolded protein response in oncogenesis: an update. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 307, C901-C907. | 4.6 | 84 |
| 48 | Controlling the unfolded protein response-mediated life and death decisions in cancer. <i>Seminars in Cancer Biology</i> , 2015, 33, 57-66. | 9.6 | 82 |
| 49 | CD90/Thy-1, a Cancer-Associated Cell Surface Signaling Molecule. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 66. | 3.7 | 74 |
| 50 | Addicted to secrete — novel concepts and targets in cancer therapy. <i>Trends in Molecular Medicine</i> , 2014, 20, 242-250. | 6.7 | 72 |
| 51 | Peptides derived from the bifunctional kinase/RNase enzyme IRE1 β modulate IRE1 β activity and protect cells from endoplasmic reticulum stress. <i>FASEB Journal</i> , 2011, 25, 3115-3129. | 0.5 | 71 |
| 52 | A guide to assessing endoplasmic reticulum homeostasis and stress in mammalian systems. <i>FEBS Journal</i> , 2020, 287, 27-42. | 4.7 | 66 |
| 53 | Calnexin-dependent regulation of tunicamycin-induced apoptosis in breast carcinoma MCF-7 cells. <i>Cell Death and Differentiation</i> , 2007, 14, 586-596. | 11.2 | 65 |
| 54 | Sorafenib-Mediated Targeting of the AAA+ ATPase p97/VCP Leads to Disruption of the Secretory Pathway, Endoplasmic Reticulum Stress, and Hepatocellular Cancer Cell Death. <i>Molecular Cancer Therapeutics</i> , 2012, 11, 2610-2620. | 4.1 | 64 |

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 55 | Starvation and antimetabolic therapy promote cytokine release and recruitment of immune cells. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9932-9941. | 7.1 | 64 |
| 56 | Role of the early secretory pathway in SARS-CoV-2 infection. Journal of Cell Biology, 2020, 219, . | 5.2 | 63 |
| 57 | Sig1R Protein Regulates hERG Channel Expression through a Post-translational Mechanism in Leukemic Cells. Journal of Biological Chemistry, 2011, 286, 27947-27958. | 3.4 | 62 |
| 58 | Genotoxic stress triggers the activation of IRE1 \pm -dependent RNA decay to modulate the DNA damage response. Nature Communications, 2020, 11, 2401. | 12.8 | 62 |
| 59 | Evidence for the interaction of fibroblast growth factor-2 with the lymphatic endothelial cell marker LYVE-1. Blood, 2013, 121, 1229-1237. | 1.4 | 61 |
| 60 | Emerging Roles of the Endoplasmic Reticulum Associated Unfolded Protein Response in Cancer Cell Migration and Invasion. Cancers, 2019, 11, 631. | 3.7 | 60 |
| 61 | Secretion of protein disulphide isomerase AGR2 confers tumorigenic properties. ELife, 2016, 5, . | 6.0 | 60 |
| 62 | Loss of Tumorigenicity and Metastatic Potential in Carcinoma Cells Expressing the Extracellular Domain of the Type 1 Insulin-Like Growth Factor Receptor. Cancer Research, 2004, 64, 3380-3385. | 0.9 | 59 |
| 63 | Pharmacological Targeting of IRE1 in Cancer. Trends in Cancer, 2020, 6, 1018-1030. | 7.4 | 59 |
| 64 | Nanoforms: a new type of protein-associated mineralization. Geochimica Et Cosmochimica Acta, 2001, 65, 63-74. | 3.9 | 57 |
| 65 | Differences in endoplasmic reticulum stress signalling kinetics determine cell survival outcome through activation of MKP-1. Cellular Signalling, 2011, 23, 35-45. | 3.6 | 57 |
| 66 | Organization of the Sec61 Translocon, Studied by High Resolution Native Electrophoresis. Journal of Proteome Research, 2010, 9, 1763-1771. | 3.7 | 56 |
| 67 | Novel roles of the unfolded protein response in the control of tumor development and aggressiveness. Seminars in Cancer Biology, 2015, 33, 67-73. | 9.6 | 56 |
| 68 | Nck-1 Antagonizes the Endoplasmic Reticulum Stress-induced Inhibition of Translation. Journal of Biological Chemistry, 2004, 279, 9662-9671. | 3.4 | 55 |
| 69 | P97/CDC-48: Proteostasis control in tumor cell biology. Cancer Letters, 2013, 337, 26-34. | 7.2 | 55 |
| 70 | When Endoplasmic Reticulum Proteostasis Meets the DNA Damage Response. Trends in Cell Biology, 2020, 30, 881-891. | 7.9 | 55 |
| 71 | Conserved in Vivo Phosphorylation of Calnexin at Casein Kinase II Sites as Well as a Protein Kinase C/Proline-directed Kinase Site. Journal of Biological Chemistry, 1998, 273, 17227-17235. | 3.4 | 53 |
| 72 | Modulation of protein translation by Nck-1. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 5406-5411. | 7.1 | 53 |

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Control of the Unfolded Protein Response in Health and Disease. <i>SLAS Discovery</i> , 2017, 22, 787-800. | 2.7 | 53 |
| 74 | Distinct endoplasmic reticulum stress responses are triggered during human liver transplantation. <i>Journal of Pathology</i> , 2005, 207, 111-118. | 4.5 | 52 |
| 75 | ATF6 \pm regulates morphological changes associated with senescence in human fibroblasts. <i>Oncotarget</i> , 2016, 7, 67699-67715. | 1.8 | 52 |
| 76 | Current Screens Based on the AlphaScreen $\&\#8482$; Technology for Deciphering Cell Signalling Pathways. <i>Current Genomics</i> , 2009, 10, 93-101. | 1.6 | 51 |
| 77 | The unfolded protein response modulators GSK2606414 and KIRA6 are potent KIT inhibitors. <i>Cell Death and Disease</i> , 2019, 10, 300. | 6.3 | 51 |
| 78 | Transcriptional Induction of Periostin by a Sulfatase 2 \hat{a} €“TGF $\hat{2}$ 1 \hat{a} €“SMAD Signaling Axis Mediates Tumor Angiogenesis in Hepatocellular Carcinoma. <i>Cancer Research</i> , 2017, 77, 632-645. | 0.9 | 50 |
| 79 | Acute L-glutamine deprivation compromises VEGF-a upregulation in A549/8 human carcinoma cells. <i>Journal of Cellular Physiology</i> , 2007, 212, 463-472. | 4.1 | 48 |
| 80 | Control of anterior <sc>GR</sc> adient 2 (<sc>AGR</sc> 2) dimerization links endoplasmic reticulum proteostasis to inflammation. <i>EMBO Molecular Medicine</i> , 2019, 11, . | 6.9 | 48 |
| 81 | Calnexin phosphorylation: Linking cytoplasmic signalling to endoplasmic reticulum luminal functions. <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 486-490. | 5.0 | 47 |
| 82 | Glioblastoma invasion and cooption depend on IRE1 $\hat{1}$ endoribonuclease activity. <i>Oncotarget</i> , 2015, 6, 24922-24934. | 1.8 | 46 |
| 83 | CD90 Expression Controls Migration and Predicts Dasatinib Response in Glioblastoma. <i>Clinical Cancer Research</i> , 2017, 23, 7360-7374. | 7.0 | 45 |
| 84 | Driving Cancer Tumorigenesis and Metastasis Through UPR Signaling. <i>Current Topics in Microbiology and Immunology</i> , 2017, 414, 159-192. | 1.1 | 45 |
| 85 | GTPase-Mediated Regulation of the Unfolded Protein Response in <i>Caenorhabditis elegans</i> Is Dependent on the AAA ⁺ ATPase CDC-48. <i>Molecular and Cellular Biology</i> , 2008, 28, 4261-4274. | 2.3 | 44 |
| 86 | Inhibition of Endosomal Insulin-like Growth Factor-I Processing by Cysteine Proteinase Inhibitors Blocks Receptor-mediated Functions. <i>Journal of Biological Chemistry</i> , 2001, 276, 13644-13649. | 3.4 | 43 |
| 87 | Calnexin Phosphorylation Attenuates the Release of Partially Misfolded $\hat{1}$ -Antitrypsin to the Secretory Pathway. <i>Journal of Biological Chemistry</i> , 2009, 284, 34570-34579. | 3.4 | 41 |
| 88 | MicroRNA-1291-mediated silencing of IRE1 $\hat{1}$ enhances Glypican-3 expression. <i>Rna</i> , 2013, 19, 778-788. | 3.5 | 41 |
| 89 | Adaptive preconditioning in neurological diseases \hat{a} €“ therapeutic insights from proteostatic perturbations. <i>Brain Research</i> , 2016, 1648, 603-616. | 2.2 | 41 |
| 90 | Regulation of the unfolded protein response by noncoding RNA. <i>American Journal of Physiology - Cell Physiology</i> , 2017, 313, C243-C254. | 4.6 | 41 |

| # | ARTICLE | IF | CITATIONS |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 91 | Kinase Substrate Sensor (KISS), a Mammalian In Situ Protein Interaction Sensor. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 3332-3342. | 3.8 | 40 |
| 92 | Angiogenin Mediates Cell-Autonomous Translational Control under Endoplasmic Reticulum Stress and Attenuates Kidney Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 863-876. | 6.1 | 36 |
| 93 | Calnexin family members as modulators of genetic diseases. <i>Seminars in Cell and Developmental Biology</i> , 1999, 10, 473-480. | 5.0 | 35 |
| 94 | Proteomic Analysis of Ischemia-Reperfusion Injury upon Human Liver Transplantation Reveals the Protective Role of IQGAP1. <i>Molecular and Cellular Proteomics</i> , 2006, 5, 1300-1313. | 3.8 | 35 |
| 95 | Regulation of calnexin sub-cellular localization modulates endoplasmic reticulum stress-induced apoptosis in MCF-7 cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2007, 12, 293-305. | 4.9 | 33 |
| 96 | Control of Protein Homeostasis in the Early Secretory Pathway: Current Status and Challenges. <i>Cells</i> , 2019, 8, 1347. | 4.1 | 33 |
| 97 | The coordinated action of VCP/p97 and GCN2 regulates cancer cell metabolism and proteostasis during nutrient limitation. <i>Oncogene</i> , 2019, 38, 3216-3231. | 5.9 | 33 |
| 98 | Regulation of tumor-stroma interactions by the unfolded protein response. <i>FEBS Journal</i> , 2019, 286, 279-296. | 4.7 | 33 |
| 99 | Priority paper Fibroblast growth factor-2 has opposite effects on human breast cancer MCF-7 cell growth depending on the activation level of the mitogen-activated protein kinase pathway. <i>FEBS Journal</i> , 1998, 258, 271-276. | 0.2 | 32 |
| 100 | Differential expression of the anterior gradient protein-2 is a conserved feature during morphogenesis and carcinogenesis of the biliary tree. <i>Liver International</i> , 2011, 31, 322-328. | 3.9 | 32 |
| 101 | <i>In situ</i> quantification of diverse titanium dioxide nanoparticles unveils selective endoplasmic reticulum stress-dependent toxicity. <i>Nanotoxicology</i> , 2017, 11, 134-145. | 3.0 | 32 |
| 102 | Local intracerebral inhibition of IRE1 by MKC8866 sensitizes glioblastoma to irradiation/chemotherapy in vivo. <i>Cancer Letters</i> , 2020, 494, 73-83. | 7.2 | 32 |
| 103 | Endoplasmic Reticulum Stress: At the Crossroads of Inflammation and Metabolism in Hepatocellular Carcinoma Development. <i>Cancer Cell</i> , 2014, 26, 301-303. | 16.8 | 31 |
| 104 | Watching the clock: endoplasmic reticulum-mediated control of circadian rhythms in cancer. <i>Annals of Medicine</i> , 2014, 46, 233-243. | 3.8 | 31 |
| 105 | Functional Rac-1 and Nck signaling networks are required for FGF-2-induced DNA synthesis in MCF-7 cells. <i>Oncogene</i> , 1999, 18, 6425-6433. | 5.9 | 30 |
| 106 | Loss of responsiveness to IGF-I in cells with reduced cathepsin L expression levels. <i>Oncogene</i> , 2008, 27, 4973-4985. | 5.9 | 30 |
| 107 | Role of the unfolded protein response in tumor cell characteristics and cancer outcome. <i>Current Opinion in Oncology</i> , 2017, 29, 41-47. | 2.4 | 30 |
| 108 | FGF-2 prevents cancer cells from ER stress-mediated apoptosis via enhancing proteasome-mediated Nck degradation. <i>Biochemical Journal</i> , 2013, 452, 139-145. | 3.7 | 28 |

| # | ARTICLE | IF | CITATIONS |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 109 | Regulated IRE1 α -dependent decay (RIDD)-mediated reprogramming of lipid metabolism in cancer. <i>Nature Communications</i> , 2022, 13, 2493. | 12.8 | 28 |
| 110 | Abnormal expression and processing of the proprotein convertases PC1 and PC2 in human colorectal liver metastases. <i>BMC Cancer</i> , 2005, 5, 149. | 2.6 | 26 |
| 111 | A protective role for CD154 in hepatic steatosis in mice. <i>Hepatology</i> , 2010, 52, 1968-1979. | 7.3 | 26 |
| 112 | A Novel Extrinsic Pathway for the Unfolded Protein Response in the Kidney. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 2670-2683. | 6.1 | 26 |
| 113 | Alterations of <i>EDEM1</i> functions enhance <i>ATF6</i> pro-survival signaling. <i>FEBS Journal</i> , 2018, 285, 4146-4164. | 4.7 | 26 |
| 114 | Death sentence: The tale of a fallen endoplasmic reticulum. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 119001. | 4.1 | 26 |
| 115 | Fibroblast Growth Factor Receptors Participate in the Control of Mitogen-activated Protein Kinase Activity during Nerve Growth Factor-induced Neuronal Differentiation of PC12 Cells. <i>Journal of Biological Chemistry</i> , 1999, 274, 20901-20908. | 3.4 | 24 |
| 116 | Cellular and molecular mechanisms of abnormal calcification following ischemia-reperfusion injury in human liver transplantation. <i>Modern Pathology</i> , 2007, 20, 357-366. | 5.5 | 24 |
| 117 | HAPScreen, a method for high-throughput aptamer identification. <i>Journal of Nanobiotechnology</i> , 2011, 9, 25. | 9.1 | 23 |
| 118 | Comparison of IMAC and MOAC for phosphopeptide enrichment by column chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 891-892, 109-112. | 2.3 | 23 |
| 119 | Transcription of the NKG2D ligand MICA is suppressed by the IRE1/XBP1 pathway of the unfolded protein response through the regulation of E2F1. <i>FASEB Journal</i> , 2019, 33, 3481-3495. | 0.5 | 23 |
| 120 | Proteomic analysis of tyrosine phosphorylation during human liver transplantation. <i>Proteome Science</i> , 2007, 5, 1. | 1.7 | 22 |
| 121 | Drugging the unfolded protein response in acute leukemias. <i>Journal of Hematology and Oncology</i> , 2015, 8, 87. | 17.0 | 22 |
| 122 | Reshaping the Immune Tumor Microenvironment Through IRE1 Signaling. <i>Trends in Molecular Medicine</i> , 2018, 24, 607-614. | 6.7 | 22 |
| 123 | FGFs and their receptors, in vitro and in vivo studies: New FGF receptor in the brain, FGF-1 in muscle, and the use of functional analogues of low-affinity heparin-binding growth factor receptors in tissue repair. <i>Molecular Reproduction and Development</i> , 1994, 39, 49-55. | 2.0 | 21 |
| 124 | Correlation of cell necrosis and tissue calcification with ischemia/reperfusion injury after liver transplantation. <i>Transplantation Proceedings</i> , 2004, 36, 1766-1768. | 0.6 | 21 |
| 125 | The MAP Kinase Phosphatase-1 MKP-1/DUSP1 Is a Regulator of Human Liver Response to Transplantation. <i>American Journal of Transplantation</i> , 2008, 8, 2558-2568. | 4.7 | 21 |
| 126 | Phosphorylation of Serine Palmitoyltransferase Long Chain-1 (SPTLC1) on Tyrosine 164 Inhibits Its Activity and Promotes Cell Survival. <i>Journal of Biological Chemistry</i> , 2013, 288, 17190-17201. | 3.4 | 21 |

| # | ARTICLE | IF | CITATIONS |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 127 | The unfolded protein response as regulator of cancer stemness and differentiation: Mechanisms and implications for cancer therapy. <i>Biochemical Pharmacology</i> , 2021, 192, 114737. | 4.4 | 21 |
| 128 | Integrating forward and reverse proteomics to unravel protein function. <i>Proteomics</i> , 2006, 6, 5467-5480. | 2.2 | 18 |
| 129 | Genome-wide screen identifies a novel p97/ <sc>CDC</sc> -dependent pathway regulating <sc>ER</sc> -stress-induced gene transcription. <i>EMBO Reports</i> , 2015, 16, 332-340. | 4.5 | 18 |
| 130 | The integrated stress response promotes B7H6 expression. <i>Journal of Molecular Medicine</i> , 2020, 98, 135-148. | 3.9 | 18 |
| 131 | Peptidomimetic-based identification of FDA-approved compounds inhibiting IRE1 activity. <i>FEBS Journal</i> , 2021, 288, 945-960. | 4.7 | 18 |
| 132 | Signaling the Unfolded Protein Response in primary brain cancers. <i>Brain Research</i> , 2016, 1642, 59-69. | 2.2 | 17 |
| 133 | Reflux of Endoplasmic Reticulum proteins to the cytosol inactivates tumor suppressors. <i>EMBO Reports</i> , 2021, 22, e51412. | 4.5 | 17 |
| 134 | Biochemical Clustering of Monomeric GTPases of the Ras Superfamily. <i>Molecular and Cellular Proteomics</i> , 2005, 4, 936-944. | 3.8 | 16 |
| 135 | Deletion of Apoptosis Signal-Regulating Kinase 1 (ASK1) Protects Pancreatic Beta-Cells from Stress-Induced Death but Not from Glucose Homeostasis Alterations under Pro-Inflammatory Conditions. <i>PLoS ONE</i> , 2014, 9, e112714. | 2.5 | 16 |
| 136 | A novel small-molecule screening strategy identifies mitoxantrone as a RhoGTPase inhibitor. <i>Biochemical Journal</i> , 2013, 450, 55-62. | 3.7 | 15 |
| 137 | Integrative Quantitative Proteomics Unveils Proteostasis Imbalance in Human Hepatocellular Carcinoma Developed on Nonfibrotic Livers. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 3473-3483. | 3.8 | 15 |
| 138 | Characterization of a novel PXR isoform with potential dominant-negative properties. <i>Journal of Hepatology</i> , 2014, 61, 609-616. | 3.7 | 15 |
| 139 | Urinary Angiogenin Reflects the Magnitude of Kidney Injury at the Infrahistologic Level. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 678-690. | 6.1 | 15 |
| 140 | AlphaScreen®-Based Characterization of the Bifunctional Kinase/RNase IRE1±: A Novel and Atypical Drug Target. <i>Journal of Biomolecular Screening</i> , 2010, 15, 406-417. | 2.6 | 14 |
| 141 | The expression of EMX2 lead to cell cycle arrest in glioblastoma cell line. <i>BMC Cancer</i> , 2018, 18, 1213. | 2.6 | 13 |
| 142 | SARS-CoV-2 integral membrane proteins shape the serological responses of patients with COVID-19. <i>IScience</i> , 2021, 24, 103185. | 4.1 | 13 |
| 143 | Extracellular AGR3 regulates breast cancer cells migration via Src signaling. <i>Oncology Letters</i> , 2019, 18, 4449-4456. | 1.8 | 13 |
| 144 | Extracellular AGR2 triggers lung tumour cell proliferation through repression of p21CIP1. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118920. | 4.1 | 12 |

| # | ARTICLE | IF | CITATIONS |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 145 | Identification and characterization of an intracellular protein complex that binds fibroblast growth factor-2 in bovine brain. <i>Biochemical Journal</i> , 1999, 341, 713-723. | 3.7 | 11 |
| 146 | Graft calcifications and dysfunction following liver transplantation. <i>BMC Surgery</i> , 2004, 4, 9. | 1.3 | 11 |
| 147 | In vitro mapping of calnexin interaction with ribosomes. <i>Biochemical and Biophysical Research Communications</i> , 2006, 341, 39-44. | 2.1 | 11 |
| 148 | Adaptation of the Secretory Pathway in Cancer Through IRE1 Signaling. <i>Methods in Molecular Biology</i> , 2015, 1292, 177-194. | 0.9 | 11 |
| 149 | Characterization of the AGR2 Interactome Uncovers New Players of Protein Disulfide Isomerase Network in Cancer Cells. <i>Molecular and Cellular Proteomics</i> , 2022, 21, 100188. | 3.8 | 11 |
| 150 | MAPK scaffolding by BIT1 in the Golgi complex modulates stress resistance. <i>Journal of Cell Science</i> , 2010, 123, 1060-1072. | 2.0 | 10 |
| 151 | Targeting the angio-proteostasis network: Combining the forces against cancer. , 2016, 167, 1-12. | | 10 |
| 152 | IRE1-mediated miRNA maturation in macrophage phosphoinositide signaling. <i>EMBO Reports</i> , 2020, 21, e51929. | 4.5 | 10 |
| 153 | Tat-mediated protein delivery in living <i>Caenorhabditis elegans</i> . <i>Biochemical and Biophysical Research Communications</i> , 2007, 352, 587-591. | 2.1 | 9 |
| 154 | From stress specificity to basal necessity: ATF6 uprising. Focus on "Pancreatic β -cells depend on basal expression of active ATF6-p50 for cell survival even under nonstress conditions". <i>American Journal of Physiology - Cell Physiology</i> , 2012, 302, C966-C967. | 4.6 | 9 |
| 155 | Dimerization Capacities of FGF2 Purified with or without Heparin-Affinity Chromatography. <i>PLoS ONE</i> , 2014, 9, e110055. | 2.5 | 9 |
| 156 | Integrative analysis of genomic and transcriptomic alterations of <i>AGR2</i> and <i>AGR3</i> in cancer. <i>Open Biology</i> , 2022, 12, . | 3.6 | 9 |
| 157 | Systems Biology of the Endoplasmic Reticulum Stress Response. , 2007, 43, 277-298. | | 8 |
| 158 | Stress-induced tyrosine phosphorylation of RtcB modulates IRE1 activity and signaling outputs. <i>Life Science Alliance</i> , 2022, 5, e202201379. | 2.8 | 8 |
| 159 | Antibody-based Proteomics: From bench to bedside. <i>Proteomics - Clinical Applications</i> , 2007, 1, 922-933. | 1.6 | 7 |
| 160 | Integrated and Quantitative Proteomics of Human Tumors. <i>Methods in Enzymology</i> , 2017, 586, 229-246. | 1.0 | 7 |
| 161 | The Expression of Myeloproliferative Neoplasm-Associated Calreticulin Variants Depends on the Functionality of ER-Associated Degradation. <i>Cancers</i> , 2019, 11, 1921. | 3.7 | 7 |
| 162 | NUPR1 interacts with eIF2 and is required for resolution of the ER stress response in pancreatic tissue. <i>FEBS Journal</i> , 2021, 288, 4081-4097. | 4.7 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 163 | The Anterior Gradient (AGR) family proteins in epithelial ovarian cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 271. | 8.6 | 7 |
| 164 | Structural and molecular bases to IRE1 activity modulation. <i>Biochemical Journal</i> , 2021, 478, 2953-2975. | 3.7 | 7 |
| 165 | Allosteric Inhibition of HER2 by Moesin-Mimicking Compounds Targets HER2-Positive Cancers and Brain Metastases. <i>Cancer Research</i> , 2021, 81, 5464-5476. | 0.9 | 7 |
| 166 | Purification of a heparin binding FGF receptor (HB-FGFR) from adult bovine brain membranes. <i>Biochimie</i> , 1992, 74, 1091-1096. | 2.6 | 6 |
| 167 | To UPR and beyond!. <i>Virulence</i> , 2012, 3, 238-240. | 4.4 | 6 |
| 168 | Theme Series "UPR in cancer. <i>Seminars in Cancer Biology</i> , 2015, 33, 1-2. | 9.6 | 6 |
| 169 | Sensor dimer disruption as a new mode of action to block the IRE1-mediated unfolded protein response. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 1584-1592. | 4.1 | 6 |
| 170 | Oligomerization in Endoplasmic Reticulum Stress Signaling. <i>Progress in Molecular Biology and Translational Science</i> , 2013, 117, 465-484. | 1.7 | 5 |
| 171 | Integration of Raman spectra with transcriptome data in glioblastoma multiforme defines tumour subtypes and predicts patient outcome. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 10846-10856. | 3.6 | 5 |
| 172 | Dual IRE1 RNase functions dictate glioblastoma development. <i>EMBO Molecular Medicine</i> , 2022, 14, e15622. | 6.9 | 5 |
| 173 | Small GTPase Signaling and the Unfolded Protein Response. <i>Methods in Enzymology</i> , 2011, 491, 343-360. | 1.0 | 4 |
| 174 | Stress signaling in pain control. <i>Science</i> , 2019, 365, 224-225. | 12.6 | 4 |
| 175 | Proteomics analysis of liver pathological calcification suggests a role for the IQ motif containing GTPase activating protein 1 in myofibroblast function. <i>Proteomics - Clinical Applications</i> , 2009, 3, 307-321. | 1.6 | 3 |
| 176 | Advances in binder identification and characterisation: the case of oligonucleotide aptamers. <i>New Biotechnology</i> , 2012, 29, 550-554. | 4.4 | 3 |
| 177 | Proteostasis trumps YAP in colon cancer. <i>Science Signaling</i> , 2015, 8, fs18. | 3.6 | 3 |
| 178 | RNA, a new member in the glycan club that gets exposed at the cell surface. <i>Traffic</i> , 2021, 22, 362-363. | 2.7 | 3 |
| 179 | Identification and characterization of an intracellular protein complex that binds fibroblast growth factor-2 in bovine brain. <i>Biochemical Journal</i> , 1999, 341, 713. | 3.7 | 3 |
| 180 | Human iPSC-derived neurons reveal early developmental alteration of neurite outgrowth in the late-occurring neurodegenerative Wolfram syndrome. <i>American Journal of Human Genetics</i> , 2021, 108, 2171-2185. | 6.2 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 181 | Using AlphaScreen® to Identify Small-Molecule Inhibitors Targeting a Conserved Host-Pathogen Interaction. <i>Methods in Molecular Biology</i> , 2016, 1449, 453-467. | 0.9 | 2 |
| 182 | AJP-Cell begins a Theme series on Cellular Mechanisms of Endoplasmic Reticulum Stress Signaling in Health and Disease. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 307, C581-C581. | 4.6 | 1 |
| 183 | Deregulated expression of the HSP40 family members Auxilin-1 and -2 is indicative of proteostasis imbalance and predicts patient outcome in Ph+ leukemia. <i>Experimental Hematology and Oncology</i> , 2015, 5, 5. | 5.0 | 1 |
| 184 | Should the clinic matter to nonphysician scientists?. <i>Science Signaling</i> , 2018, 11, . | 3.6 | 1 |
| 185 | Maintenance of Endoplasmic Reticulum Protein Homeostasis in Cancer: Friend or Foe. <i>Progress in Molecular and Subcellular Biology</i> , 2021, 59, 197-214. | 1.6 | 1 |
| 186 | Targeting the unfolded protein response in disease. , 0, . | | 1 |
| 187 | Vicious cycle in liver carcinogenesis: An epigenetic mirage. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2012, 36, 200-201. | 1.5 | 0 |
| 188 | Integrative transcriptomic analysis of two cell lines elucidates the architecture of endoplasmic reticulum stress signaling in glioblastoma. , 2013, , . | | 0 |
| 189 | Aptamer-Mediated Nanoparticle Interactions: From Oligonucleotide-Protein Complexes to SELEX Screens. <i>Methods in Molecular Biology</i> , 2015, 1297, 153-167. | 0.9 | 0 |
| 190 | Reprint of: Signaling the Unfolded Protein Response in primary brain cancers. <i>Brain Research</i> , 2016, 1648, 542-552. | 2.2 | 0 |
| 191 | AJP-Cell Physiology begins a theme series on the control of the proteostasis network in health and diseases. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 311, C163-C165. | 4.6 | 0 |
| 192 | Systematic functional analysis of the Ras GTPase family unveils a conserved network required for anterograde protein trafficking. <i>Proteomics</i> , 2017, 17, 1600302. | 2.2 | 0 |
| 193 | <i>American Journal of Physiology-Cell Physiology</i> begins a Theme on "Cellular Processes in Tumor Metastasis: From Basic Research to Translation". <i>American Journal of Physiology - Cell Physiology</i> , 2019, 317, C867-C868. | 4.6 | 0 |
| 194 | Traffic: A new board, a new journey. <i>Traffic</i> , 2021, 22, 4-5. | 2.7 | 0 |
| 195 | Introducing <i>Emerging Methods and Technologies</i> . <i>FEBS Journal</i> , 2021, 288, 4728-4729. | 4.7 | 0 |
| 196 | Signaling the Unfolded Protein Response in cancer. , 2012, , 357-382. | | 0 |
| 197 | EIF2S1. , 2018, , 1512-1519. | | 0 |
| 198 | Structure-Based Drug Discovery of IRE1 Modulators. <i>Methods in Molecular Biology</i> , 2022, 2378, 293-315. | 0.9 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 199 | Rapid and efficient transfer of high molecular weight RNA onto positively charged nylon membranes. <i>BioTechniques</i> , 1995, 18, 578-80, 582. | 1.8 | 0 |
| 200 | A cell-based system combined with flow cytometry to evaluate antibody responses against SARS-CoV-2 transmembrane proteins in patients with COVID-19. <i>STAR Protocols</i> , 2022, 3, 101229. | 1.2 | 0 |
| 201 | Editor Profile: Eric Chevet. <i>FEBS Journal</i> , 2022, , . | 4.7 | 0 |