# Holger B Kramer

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5458681/publications.pdf

Version: 2024-02-01

| | | | |
|---|---|---|---|
| 73<br>papers | 3,993<br>citations | 147801<br>31<br>h-index | 128289<br>60<br>g-index |
| 82<br>all docs | 82<br>docs citations | 82<br>times ranked | 7045<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Offâ€target inhibition of NGLY1 by the polycaspase inhibitor Zâ€VADâ€fmk induces cellular autophagy. FEBS Journal, 2022, 289, 3115-3131. | 4.7 | 12 |
| 2 | Growth-rate-dependent and nutrient-specific gene expression resource allocation in fission yeast. Life Science Alliance, 2022, 5, e202101223. | 2.8 | 9 |
| 3 | Indisulam targets RNA splicing and metabolism to serve as a therapeutic strategy for high-risk neuroblastoma. Nature Communications, 2022, 13, 1380. | 12.8 | 32 |
| 4 | Snapshots of actin and tubulin folding inside the TRiC chaperonin. Nature Structural and Molecular Biology, 2022, 29, 420-429. | 8.2 | 29 |
| 5 | Factor inhibiting HIF can catalyze two asparaginyl hydroxylations in VNVN motifs of ankyrin fold proteins. Journal of Biological Chemistry, 2022, 298, 102020. | 3.4 | 4 |
| 6 | Solvent Precipitation SP3 (SP4) Enhances Recovery for Proteomics Sample Preparation without Magnetic Beads. Analytical Chemistry, 2022, 94, 10320-10328. | 6.5 | 15 |
| 7 | Clinical features which predict neuronal surface autoantibodies in new-onset focal epilepsy: implications for immunotherapies. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 291-294. | 1.9 | 34 |
| 8 | Sexually dimorphic roles for the type 2 diabetes-associated C2cd4b gene in murine glucose homeostasis. Diabetologia, 2021, 64, 850-864. | 6.3 | 7 |
| 9 | Dissection-independent production ofPlasmodiumsporozoites from whole mosquitoes. Life Science Alliance, 2021, 4, e202101094. | 2.8 | 2 |
| 10 | A modified density gradient proteomic-based method to analyze endolysosomal proteins in cardiac tissue. IScience, 2021, 24, 102949. | 4.1 | 1 |
| 11 | AKAP79 Orchestrates a Cyclic AMP Signalosome Adjacent to Orai1 Ca2+ Channels. Function, 2021, 2, zqab036. | 2.3 | 10 |
| 12 | Î²-synuclein potentiates synaptic vesicle dopamine uptake and rescues dopaminergic neurons from MPTP-induced death in the absence of other synucleins. Journal of Biological Chemistry, 2021, 297, 101375. | 3.4 | 10 |
| 13 | Single-nucleotide polymorphisms in Orai1 associated with atopic dermatitis inhibit protein turnover, decrease calcium entry and disrupt calcium-dependent gene expression. Human Molecular Genetics, 2020, 29, 1808-1823. | 2.9 | 15 |
| 14 | Optical Interrogation of Sympathetic Neuronal Effects on Macroscopic Cardiomyocyte Network Dynamics. IScience, 2020, 23, 101334. | 4.1 | 13 |
| 15 | Caspr2 interacts with type 1 inositol 1,4,5-trisphosphate receptor in the developing cerebellum and regulates Purkinje cell morphology. Journal of Biological Chemistry, 2020, 295, 12716-12726. | 3.4 | 3 |
| 16 | Systemic muscle wasting and coordinated tumour response drive tumourigenesis. Nature Communications, 2020, 11, 4653. | 12.8 | 41 |
| 17 | Identifying proteins bound to native mitotic ESC chromosomes reveals chromatin repressors are important for compaction. Nature Communications, 2020, 11, 4118. | 12.8 | 26 |
| 18 | Detection of Intravascular Hemolysis in Newborn InfantsÂUsing Urinary Carbonic Anhydrase I Immunoreactivity. journal of applied laboratory medicine, The, 2020, 5, 921-934. | 1.3 | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Sugar-Induced Obesity and Insulin Resistance Are Uncoupled from Shortened Survival in Drosophila. Cell Metabolism, 2020, 31, 710-725.e7. | 16.2 | 68 |
| 20 | Probing enzymatic activity â€“ a radical approach. Chemical Science, 2020, 11, 2967-2972. | 7.4 | 14 |
| 21 | TRF1 averts chromatin remodelling, recombination and replication dependent-break induced replication at mouse telomeres. ELife, 2020, 9, . | 6.0 | 27 |
| 22 | Sex Differences in Intestinal Carbohydrate Metabolism Promote Food Intake and Sperm Maturation. Cell, 2019, 178, 901-918.e16. | 28.9 | 101 |
| 23 | Use of Modified Clostridium perfringens Enterotoxin Fragments for Claudin Targeting in Liver and Skin Cells. International Journal of Molecular Sciences, 2019, 20, 4774. | 4.1 | 10 |
| 24 | Aspartate/asparagine-Î²-hydroxylase crystal structures reveal an unexpected epidermal growth factor-like domain substrate disulfide pattern. Nature Communications, 2019, 10, 4910. | 12.8 | 34 |
| 25 | FACT mediates cohesin function on chromatin. Nature Structural and Molecular Biology, 2019, 26, 970-979. | 8.2 | 43 |
| 26 | PP4 phosphatase cooperates in recombinational DNA repair by enhancing double-strand break end resection. Nucleic Acids Research, 2019, 47, 10706-10727. | 14.5 | 17 |
| 27 | Small-molecules that covalently react with a human prolyl hydroxylase â€“ towards activity modulation and substrate capture. Chemical Communications, 2019, 55, 1020-1023. | 4.1 | 6 |
| 28 | A conserved ATP- and Scc2/4-dependent activity for cohesin in tethering DNA molecules. Science Advances, 2019, 5, eaay6804. | 10.3 | 41 |
| 29 | Transient and Partial Nuclear Lamina Disruption Promotes Chromosome Movement in Early Meiotic Prophase. Developmental Cell, 2018, 45, 212-225.e7. | 7.0 | 40 |
| 30 | The Allergen Der p3 from House Dust Mite Stimulates Store-Operated Ca2+ Channels and Mast Cell Migration through PAR4 Receptors. Molecular Cell, 2018, 70, 228-241.e5. | 9.7 | 26 |
| 31 | Norbornene probes for the study of cysteine oxidation. Tetrahedron, 2018, 74, 1220-1228. | 1.9 | 32 |
| 32 | Critical Role of the UBL Domain in Stimulating the E3ÂUbiquitin Ligase Activity of UHRF1 toward Chromatin. Molecular Cell, 2018, 72, 739-752.e9. | 9.7 | 63 |
| 33 | Binding of sulphonylureas to plasma proteins â€“ A KATP channel perspective. PLoS ONE, 2018, 13, e0197634. | 2.5 | 14 |
| 34 | Proteomics Analysis of Ovarian Cancer Cell Lines and Tissues Reveals Drug Resistance-associated Proteins. Cancer Genomics and Proteomics, 2017, 14, 35-52. | 2.0 | 51 |
| 35 | Natural Product Inhibitors of Ubiquitin Conjugation and Deconjugation. Studies in Natural Products Chemistry, 2016, , 207-242. | 1.8 | 3 |
| 36 | Composition and Antigenic Effects of Individual Glycan Sites of a Trimeric HIV-1 Envelope Glycoprotein. Cell Reports, 2016, 14, 2695-2706. | 6.4 | 250 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | The presence of prolines in the flanking region of an immunodominant HIVâ€2 gag epitope influences the quality and quantity of the epitope generated. European Journal of Immunology, 2015, 45, 2232-2242. | 2.9 | 11 |
| 38 | The value of inÂvitro studies in a case of neonatal diabetes with a novel Kir6.2â€W68G mutation. Clinical Case Reports (discontinued), 2015, 3, 884-887. | 0.5 | 4 |
| 39 | The Human Otubain2-Ubiquitin Structure Provides Insights into the Cleavage Specificity of Poly-Ubiquitin-Linkages. PLoS ONE, 2015, 10, e0115344. | 2.5 | 31 |
| 40 | Antibodies to GABA <sub>A</sub> receptor Î±1 and Î²2 subunits. Neurology, 2015, 84, 1233-1241. | 1.1 | 159 |
| 41 | Kinetic Investigations of the Role of Factor Inhibiting Hypoxia-inducible Factor (FIH) as an Oxygen Sensor. Journal of Biological Chemistry, 2015, 290, 19726-19742. | 3.4 | 69 |
| 42 | Pharmacological Inhibition of FTO. PLoS ONE, 2015, 10, e0121829. | 2.5 | 33 |
| 43 | Systemic Administration of Glibenclamide Fails to Achieve Therapeutic Levels in the Brain and Cerebrospinal Fluid of Rodents. PLoS ONE, 2015, 10, e0134476. | 2.5 | 67 |
| 44 | Human oxygen sensing may have origins in prokaryotic elongation factor Tu prolyl-hydroxylation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13331-13336. | 7.1 | 60 |
| 45 | Changes in Gene Expression Associated with FTO Overexpression in Mice. PLoS ONE, 2014, 9, e97162. | 2.5 | 31 |
| 46 | Fetal Macrosomia and Neonatal Hyperinsulinemic Hypoglycemia Associated With Transplacental Transfer of Sulfonylurea in a Mother With KCNJ11-Related Neonatal Diabetes. Diabetes Care, 2014, 37, 3333-3335. | 8.6 | 19 |
| 47 | Spatiotemporal Transitions in Cardiac Neuronal Co-Cultures. Biophysical Journal, 2014, 106, 630a. | 0.5 | 1 |
| 48 | Dynamic Assembly of a Membrane Signaling Complex Enables Selective Activation of NFAT by Orai1. Current Biology, 2014, 24, 1361-1368. | 3.9 | 87 |
| 49 | Glycomimetic affinity-enrichment proteomics identifies partners for a clinically-utilized iminosugar. Chemical Science, 2013, 4, 3442. | 7.4 | 7 |
| 50 | Deubiquitinating Enzyme Specificity for Ubiquitin Chain Topology Profiled by Di-Ubiquitin Activity Probes. Chemistry and Biology, 2013, 20, 1447-1455. | 6.0 | 103 |
| 51 | Protein Profiling in Hepatocellular Carcinoma by Label-Free Quantitative Proteomics in Two West African Populations. PLoS ONE, 2013, 8, e68381. | 2.5 | 14 |
| 52 | Fluorescence-based active site probes for profiling deubiquitinating enzymes. Organic and Biomolecular Chemistry, 2012, 10, 3379. | 2.8 | 14 |
| 53 | Detection of ubiquitinâ€“proteasome enzymatic activities in cells: Application of activity-based probes to inhibitor development. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 2029-2037. | 4.1 | 41 |
| 54 | HIV-1 infectionâ€“induced apoptotic microparticles inhibit human DCs via CD44. Journal of Clinical Investigation, 2012, 122, 4685-4697. | 8.2 | 47 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Studies on the Reaction of Nitric Oxide with the Hypoxia-Inducible Factor Prolyl Hydroxylase Domain 2 (EGLN1). Journal of Molecular Biology, 2011, 410, 268-279. | 4.2 | 54 |
| 56 | Label-free quantitative proteomics reveals regulation of interferon-induced protein with tetratricopeptide repeats 3 (IFIT3) and 5'-3'-exoribonuclease 2 (XRN2) during respiratory syncytial virus infection. Virology Journal, 2011, 8, 442. | 3.4 | 20 |
| 57 | Activity-Based Chemical Proteomics Accelerates Inhibitor Development for Deubiquitylating Enzymes. Chemistry and Biology, 2011, 18, 1401-1412. | 6.0 | 348 |
| 58 | The Chemoselective Oneâ€Step Alkylation and Isolation of Thiophosphorylated Cdk2 Substrates in the Presence of Native Cysteine. ChemBioChem, 2011, 12, 633-640. | 2.6 | 8 |
| 59 | Differential Sensitivity of Hypoxia Inducible Factor Hydroxylation Sites to Hypoxia and Hydroxylase Inhibitors. Journal of Biological Chemistry, 2011, 286, 13041-13051. | 3.4 | 148 |
| 60 | Asparagine and Aspartate Hydroxylation of the Cytoskeletal Ankyrin Family Is Catalyzed by Factor-inhibiting Hypoxia-inducible Factor. Journal of Biological Chemistry, 2011, 286, 7648-7660. | 3.4 | 63 |
| 61 | The Antiviral Efficacy of HIV-Specific CD8+ T-Cells to a Conserved Epitope Is Heavily Dependent on the Infecting HIV-1 Isolate. PLoS Pathogens, 2011, 7, e1001341. | 4.7 | 26 |
| 62 | Postâ€translational modification of the deubiquitinating enzyme otubainâ€ƒ1 modulates active RhoA levels and susceptibility to Yersinia invasion. FEBS Journal, 2010, 277, 2515-2530. | 4.7 | 65 |
| 63 | Elevation of Intact and Proteolytic Fragments of Acute Phase Proteins Constitutes the Earliest Systemic Antiviral Response in HIV-1 Infection. PLoS Pathogens, 2010, 6, e1000893. | 4.7 | 80 |
| 64 | Small-Molecule-Based Inhibition of Histone Demethylation in Cells Assessed by Quantitative Mass Spectrometry. Journal of Proteome Research, 2010, 9, 4082-4092. | 3.7 | 56 |
| 65 | Proteomics-based Identification of Novel Factor Inhibiting Hypoxia-inducible Factor (FIH) Substrates Indicates Widespread Asparaginyl Hydroxylation of Ankyrin Repeat Domain-containing Proteins. Molecular and Cellular Proteomics, 2009, 8, 535-546. | 3.8 | 123 |
| 66 | Comparison of CID versus ETD based MS/MS fragmentation for the analysis of protein ubiquitination. Journal of the American Society for Mass Spectrometry, 2009, 20, 1652-1659. | 2.8 | 69 |
| 67 | Jmjd6 Catalyses Lysyl-Hydroxylation of U2AF65, a Protein Associated with RNA Splicing. Science, 2009, 325, 90-93. | 12.6 | 356 |
| 68 | Ankylosing spondylitis monocytes show upregulation of proteins involved in inflammation and the ubiquitin proteasome pathway. Annals of the Rheumatic Diseases, 2009, 68, 1626-1632. | 0.9 | 62 |
| 69 | P17-28 LB. The antiviral efficacy of HIV-specific CD8+ T-cells to a conserved epitope is heavily dependent on the infecting HIV-1 isolate. Retrovirology, 2009, 6, . | 2.0 | 6 |
| 70 | Structural basis and specificity of human otubain 1-mediated deubiquitination. Biochemical Journal, 2009, 418, 379-390. | 3.7 | 180 |
| 71 | Site-selective glycosylation of proteins: creating synthetic glycoproteins. Nature Protocols, 2007, 2, 3185-3194. | 12.0 | 82 |
| 72 | Expanding the diversity of chemical protein modification allows post-translational mimicry. Nature, 2007, 446, 1105-1109. | 27.8 | 298 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Ligand amplification in a dynamic combinatorial glycopeptide library. Chemical Communications, 2005, , 4264. | 4.1 | 38 |