

Frauke Christ

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2193657/publications.pdf>

Version: 2024-02-01

49
papers

2,085
citations

331259

21
h-index

233125

45
g-index

54
all docs

54
docs citations

54
times ranked

2033
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | LEDGF/p75-mediated chemoresistance of mixed-lineage leukemia involves cell survival pathways and super enhancer activators. <i>Cancer Gene Therapy</i> , 2022, 29, 133-140. | 2.2 | 7 |
| 2 | Design, synthesis, in silico studies, and antiproliferative evaluations of novel indolin-2-one derivatives containing 3-hydroxy-4-pyridinone fragment. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 70, 128784. | 1.0 | 3 |
| 3 | LEDGIns, Inhibitors of the Interaction Between HIV-1 Integrase and LEDGF/p75, Are Potent Antivirals with a Potential to Cure HIV Infection. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1322, 97-114. | 0.8 | 6 |
| 4 | Towards a Functional Cure of HIV-1: Insight Into the Chromatin Landscape of the Provirus. <i>Frontiers in Microbiology</i> , 2021, 12, 636642. | 1.5 | 9 |
| 5 | GS-9822, a Preclinical LEDGIN Candidate, Displays a Block-and-Lock Phenotype in Cell Culture. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, . | 1.4 | 17 |
| 6 | Role of Transportin-SR2 in HIV-1 Nuclear Import. <i>Viruses</i> , 2021, 13, 829. | 1.5 | 6 |
| 7 | Unlike its Paralog LEDGF/p75, HRP-2 Is Dispensable for MLL-R Leukemogenesis but Important for Leukemic Cell Survival. <i>Cells</i> , 2021, 10, 192. | 1.8 | 5 |
| 8 | CRISPR/Cas9-Induced Mutagenesis Corroborates the Role of Transportin-SR2 in HIV-1 Nuclear Import. <i>Microbiology Spectrum</i> , 2021, 9, e0133621. | 1.2 | 3 |
| 9 | Molecular Mechanism of LEDGF/p75 Dimerization. <i>Structure</i> , 2020, 28, 1288-1299.e7. | 1.6 | 4 |
| 10 | Phenotyping of Rare CFTR Mutations Reveals Distinct Trafficking and Functional Defects. <i>Cells</i> , 2020, 9, 754. | 1.8 | 23 |
| 11 | Capsid-Labelled HIV To Investigate the Role of Capsid during Nuclear Import and Integration. <i>Journal of Virology</i> , 2020, 94, . | 1.5 | 34 |
| 12 | Identification of Novel 3-Hydroxy-pyran-4-One Derivatives as Potent HIV-1 Integrase Inhibitors Using in silico Structure-Based Combinatorial Library Design Approach. <i>Frontiers in Chemistry</i> , 2019, 7, 574. | 1.8 | 32 |
| 13 | The mutation of Transportin 3 gene that causes limb girdle muscular dystrophy 1F induces protection against HIV-1 infection. <i>PLoS Pathogens</i> , 2019, 15, e1007958. | 2.1 | 22 |
| 14 | Impact of LEDGIN treatment during virus production on residual HIV-1 transcription. <i>Retrovirology</i> , 2019, 16, 8. | 0.9 | 22 |
| 15 | Insight in HIV Integration Site Selection Provides a Block-and-Lock Strategy for a Functional Cure of HIV Infection. <i>Viruses</i> , 2019, 11, 12. | 1.5 | 26 |
| 16 | Synthesis, Molecular Modelling and Biological Studies of 3-hydroxypyran- 4-one and 3-hydroxy-pyridine-4-one Derivatives as HIV-1 Integrase Inhibitors. <i>Medicinal Chemistry</i> , 2019, 15, 755-770. | 0.7 | 22 |
| 17 | LEDGF/p75 is dispensable for hematopoiesis but essential for MLL-rearranged leukemogenesis. <i>Blood</i> , 2018, 131, blood-2017-05-786962. | 0.6 | 32 |
| 18 | Inhibitors of the integrase-transportin-SR2 interaction block HIV nuclear import. <i>Retrovirology</i> , 2018, 15, 5. | 0.9 | 14 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Affinity switching of the LEDGF/p75 IBD interactome is governed by kinase-dependent phosphorylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7053-E7062. | 3.3 | 27 |
| 20 | N-terminal half of transportin SR2 interacts with HIV integrase. <i>Journal of Biological Chemistry</i> , 2017, 292, 9699-9710. | 1.6 | 11 |
| 21 | Protein-protein and protein-chromatin interactions of LEDGF/p75 as novel drug targets. <i>Drug Discovery Today: Technologies</i> , 2017, 24, 25-31. | 4.0 | 21 |
| 22 | Insight into HIV-2 latency may disclose strategies for a cure for HIV-1 infection. <i>Journal of Virus Eradication</i> , 2017, 3, 7-14. | 0.3 | 3 |
| 23 | LEDGIN-mediated Inhibition of Integrase-LEDGF/p75 Interaction Reduces Reactivation of Residual Latent HIV. <i>EBioMedicine</i> , 2016, 8, 248-264. | 2.7 | 90 |
| 24 | Dynamic Oligomerization of Integrase Orchestrates HIV Nuclear Entry. <i>Scientific Reports</i> , 2016, 6, 36485. | 1.6 | 28 |
| 25 | 2-hydroxyisoquinoline-1,3(2H,4H)-diones (HIDs) as human immunodeficiency virus type 1 integrase inhibitors: Influence of the alkylcarboxamide substitution of position 4. <i>European Journal of Medicinal Chemistry</i> , 2016, 117, 256-268. | 2.6 | 11 |
| 26 | Lessons Learned: HIV Points the Way Towards Precision Treatment of Mixed-Lineage Leukemia. <i>Trends in Pharmacological Sciences</i> , 2016, 37, 660-671. | 4.0 | 8 |
| 27 | Kuwanon as a New Allosteric HIV Integrase Inhibitor: Molecular Modeling and Biological Evaluation. <i>ChemBioChem</i> , 2015, 16, 2507-2512. | 1.3 | 39 |
| 28 | HIV-1 integrase inhibition: looking at cofactor interactions. <i>Future Medicinal Chemistry</i> , 2015, 7, 2407-2410. | 1.1 | 9 |
| 29 | Host factors for retroviral integration site selection. <i>Trends in Biochemical Sciences</i> , 2015, 40, 108-116. | 3.7 | 83 |
| 30 | Multiple cellular proteins interact with LEDGF/p75 through a conserved unstructured consensus motif. <i>Nature Communications</i> , 2015, 6, 7968. | 5.8 | 53 |
| 31 | Optimization of rhodanine scaffold for the development of protein-protein interaction inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 3208-3214. | 1.4 | 4 |
| 32 | The HIV-1 Integrase Mutant R263A/K264A Is 2-fold Defective for TRN-SR2 Binding and Viral Nuclear Import. <i>Journal of Biological Chemistry</i> , 2014, 289, 25351-25361. | 1.6 | 28 |
| 33 | Structure of transportin SR2, a karyopherin involved in human disease, in complex with Ran. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 723-729. | 0.4 | 11 |
| 34 | Diketoacid chelating ligands as dual inhibitors of HIV-1 integration process. <i>European Journal of Medicinal Chemistry</i> , 2014, 78, 425-430. | 2.6 | 17 |
| 35 | Validation of host factors of HIV integration as novel drug targets for anti-HIV therapy. <i>MedChemComm</i> , 2014, 5, 314-320. | 3.5 | 4 |
| 36 | Design and discovery of 5-hydroxy-6-oxo-1,6-dihydropyrimidine-4-carboxamide inhibitors of HIV-1 integrase. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 5446-5453. | 1.4 | 15 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | A new potential approach to block HIV-1 replication via protein-protein interaction and strand-transfer inhibition. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 2269-2279. | 1.4 | 17 |
| 38 | The LEDGF/p75 integrase interaction, a novel target for anti-HIV therapy. <i>Virology</i> , 2013, 435, 102-109. | 1.1 | 96 |
| 39 | 4-Substituted 2-Hydroxyisoquinoline-1,3-diones as a Novel Class of HIV-1 Integrase Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 606-611. | 1.3 | 52 |
| 40 | Interaction of the HIV-1 Intasome with Transportin 3 Protein (TNPO3 or TRN-SR2). <i>Journal of Biological Chemistry</i> , 2012, 287, 34044-34058. | 1.6 | 52 |
| 41 | Small-Molecule Inhibitors of the LEDGF/p75 Binding Site of Integrase Block HIV Replication and Modulate Integrase Multimerization. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 4365-4374. | 1.4 | 158 |
| 42 | De novo design of small molecule inhibitors targeting the LEDGF/p75-HIV integrase interaction. <i>RSC Advances</i> , 2012, 2, 974-984. | 1.7 | 13 |
| 43 | Interplay between HIV Entry and Transportin-SR2 Dependency. <i>Retrovirology</i> , 2011, 8, 7. | 0.9 | 51 |
| 44 | Rational design of small-molecule inhibitors of the LEDGF/p75-integrase interaction and HIV replication. <i>Nature Chemical Biology</i> , 2010, 6, 442-448. | 3.9 | 428 |
| 45 | Synthesis of new pyridazine derivatives as potential anti-HIV agents. <i>Journal of Heterocyclic Chemistry</i> , 2009, 46, 1420-1424. | 1.4 | 9 |
| 46 | LEDGF/p75 and transportin-SR2 are cellular cofactors of HIV integrase and novel targets for antiviral therapy. <i>HIV Therapy</i> , 2009, 3, 171-188. | 0.6 | 4 |
| 47 | Transportin-SR2 Imports HIV into the Nucleus. <i>Current Biology</i> , 2008, 18, 1192-1202. | 1.8 | 231 |
| 48 | Lentiviral nuclear import: a complex interplay between virus and host. <i>BioEssays</i> , 2007, 29, 441-451. | 1.2 | 42 |
| 49 | The Interaction of LEDGF/p75 with Integrase Is Lentivirus-specific and Promotes DNA Binding. <i>Journal of Biological Chemistry</i> , 2005, 280, 17841-17847. | 1.6 | 182 |