

# Felix Hausch

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4172436/publications.pdf>

Version: 2024-02-01

68  
papers

3,143  
citations

159585

30  
h-index

175258

52  
g-index

76  
all docs

76  
docs citations

76  
times ranked

3112  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | FK506 Binding Protein 5 Shapes Stress Responsiveness: Modulation of Neuroendocrine Reactivity and Coping Behavior. <i>Biological Psychiatry</i> , 2011, 70, 928-936.   | 1.3  | 235       |
| 2  | The involvement of FK506-binding protein 51 (FKBP5) in the behavioral and neuroendocrine effects of chronic social defeat stress. <i>Neuropharmacology</i> , 2012, 62, 332-339.  | 4.1  | 195       |
| 3  | Epigenetic upregulation of FKBP5 by aging and stress contributes to NF- $\kappa$ B-driven inflammation and cardiovascular risk. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11370-11379. | 7.1  | 193       |
| 4  | Selective inhibitors of the FK506-binding protein 51 by induced fit. <i>Nature Chemical Biology</i> , 2015, 11, 33-37.   | 8.0  | 188       |
| 5  | FKBP Ligands—Where We Are and Where to Go?. <i>Frontiers in Pharmacology</i> , 2018, 9, 1425.  | 3.5  | 110       |
| 6  | Large FK506-Binding Proteins Shape the Pharmacology of Rapamycin. <i>Molecular and Cellular Biology</i> , 2013, 33, 1357-1367.   | 2.3  | 106       |
| 7  | A C-terminal HSP90 inhibitor restores glucocorticoid sensitivity and relieves a mouse allograft model of Cushing disease. <i>Nature Medicine</i> , 2015, 21, 276-280.  | 30.7 | 92        |
| 8  | Pharmacological Inhibition of the Psychiatric Risk Factor FKBP51 Has Anxiolytic Properties. <i>Journal of Neuroscience</i> , 2015, 35, 9007-9016.  | 3.6  | 90        |
| 9  | The Prospect of FKBP51 as a Drug Target. <i>ChemMedChem</i> , 2012, 7, 1351-1359.  | 3.2  | 86        |
| 10 | The stress regulator FKBP51 drives chronic pain by modulating spinal glucocorticoid signaling. <i>Science Translational Medicine</i> , 2016, 8, 325ra19.   | 12.4 | 82        |
| 11 | Stress-responsive FKBP51 regulates AKT2-AS160 signaling and metabolic function. <i>Nature Communications</i> , 2017, 8, 1725.  | 12.8 | 82        |
| 12 | The Many Faces of FKBP51. <i>Biomolecules</i> , 2019, 9, 35.   | 4.0  | 79        |
| 13 | FKBPs and the Akt/mTOR pathway. <i>Cell Cycle</i> , 2013, 12, 2366-2370.   | 2.6  | 75        |
| 14 | Fluorescent Probes to Characterise FK506-Binding Proteins. <i>ChemBioChem</i> , 2009, 10, 1402-1410.   | 2.6  | 73        |
| 15 | A regulatory role for the co-chaperone FKBP51s in PD-L1 expression in glioma. <i>Oncotarget</i> , 2017, 8, 68291-68304.  | 1.8  | 71        |
| 16 | FKBP51 employs both scaffold and isomerase functions to promote NF- $\kappa$ B activation in melanoma. <i>Nucleic Acids Research</i> , 2015, 43, 6983-6993.  | 14.5 | 68        |
| 17 | Orexin—Corticotropin-Releasing Factor Receptor Heteromers in the Ventral Tegmental Area as Targets for Cocaine. <i>Journal of Neuroscience</i> , 2015, 35, 6639-6653.  | 3.6  | 66        |
| 18 | Hippocampal neuroligin-2 links early-life stress with impaired social recognition and increased aggression in adult mice. <i>Psychoneuroendocrinology</i> , 2015, 55, 128-143.   | 2.7  | 63        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | FKBP5 expression in human adipose tissue: potential role in glucose and lipid metabolism, adipogenesis and type 2 diabetes. <i>Endocrine</i> , 2018, 62, 116-128.                        | 2.3  | 63        |
| 20 | Evaluation of Synthetic FK506 Analogues as Ligands for the FK506-Binding Proteins 51 and 52. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 4114-4122.                                | 6.4  | 59        |
| 21 | Structural characterization of the PPlase domain of FKBP51, a cochaperone of human Hsp90. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2011, 67, 549-559.       | 2.5  | 57        |
| 22 | Increasing the Efficiency of Ligands for FK506-Binding Protein 51 by Conformational Control. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 3922-3935.                                | 6.4  | 53        |
| 23 | Stress-primed secretory autophagy promotes extracellular BDNF maturation by enhancing MMP9 secretion. <i>Nature Communications</i> , 2021, 12, 4643.                                     | 12.8 | 50        |
| 24 | Exploration of Pipecolate Sulfonamides as Binders of the FK506-Binding Proteins 51 and 52. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 4123-4131.                                  | 6.4  | 46        |
| 25 | The stress regulator FKBP51: a novel and promising druggable target for the treatment of persistent pain states across sexes. <i>Pain</i> , 2018, 159, 1224-1234.                        | 4.2  | 46        |
| 26 | Chemogenomic Profiling of Human and Microbial FK506-Binding Proteins. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 3660-3673.   | 6.4  | 42        |
| 27 | Crystal Structures of the Free and Ligand-Bound FK1â€“FK2 Domain Segment of FKBP52 Reveal a Flexible Inter-Domain Hinge. <i>Journal of Molecular Biology</i> , 2013, 425, 4134-4144.     | 4.2  | 41        |
| 28 | Deficiency of FK506-binding protein (FKBP) 51 alters sleep architecture and recovery sleep responses to stress in mice. <i>Journal of Sleep Research</i> , 2014, 23, 176-185.            | 3.2  | 41        |
| 29 | InterAKTions with FKBP5 - Mutational and Pharmacological Exploration. <i>PLoS ONE</i> , 2013, 8, e57508.   | 2.5  | 39        |
| 30 | The Hsp90 machinery facilitates the transport of diphtheria toxin into human cells. <i>Scientific Reports</i> , 2017, 7, 613.  | 3.3  | 36        |
| 31 | Structure-Affinity Relationship Analysis of Selective FKBP51 Ligands. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 7796-7806.   | 6.4  | 32        |
| 32 | FKBP5 and their role in neuronal signaling. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 2035-2040.   | 2.4  | 31        |
| 33 | Rapid, Structure-Based Exploration of Pipecolic Acid Amides as Novel Selective Antagonists of the FK506-Binding Protein 51. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 2410-2422. | 6.4  | 31        |
| 34 | Pharmacological Modulation of the Psychiatric Risk Factor FKBP51 Alters Efficiency of Common Antidepressant Drugs. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 262.          | 2.0  | 29        |
| 35 | Structure-Based Design of High-Affinity Macrocyclic FKBP51 Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 3320-3349.  | 6.4  | 28        |
| 36 | Rational Design and Asymmetric Synthesis of Potent and Neurotrophic Ligands for FK506-Binding Proteins (FKBP5). <i>Angewandte Chemie - International Edition</i> , 2015, 54, 345-348.    | 13.8 | 27        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 37 | Modulating FKBP5/FKBP51 and autophagy lowers HTT (huntingtin) levels. <i>Autophagy</i> , 2021, 17, 4119-4140.  | 9.1  | 27        |
| 38 | Clues to molecular glues. <i>Current Research in Chemical Biology</i> , 2022, 2, 100018.   | 2.9  | 27        |
| 39 | Stereoselective Construction of the 5-Hydroxy Diazabicyclo[4.3.1]decane-2-one Scaffold, a Privileged Motif for FK506-Binding Proteins. <i>Organic Letters</i> , 2014, 16, 5254-5257.             | 4.6  | 26        |
| 40 | Targeting the Glucocorticoid Receptor Reduces Binge-Like Drinking in High Drinking in the Dark (HDID) Mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2020, 44, 1025-1036.         | 2.4  | 26        |
| 41 | Recent Progress in FKBP Ligand Development. <i>Current Molecular Pharmacology</i> , 2015, 9, 27-36.  | 1.5  | 22        |
| 42 | Structural and Dynamical Basis of G Protein Inhibition by YM-254890 and FR900359: An Inhibitor in Action. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 4361-4373.             | 5.4  | 22        |
| 43 | The selective FKBP51 inhibitor SAFit2 reduces alcohol consumption and reinstatement of conditioned alcohol effects in mice. <i>Addiction Biology</i> , 2020, 25, e12758.                         | 2.6  | 21        |
| 44 | Identification of phenothiazine derivatives as UHM-binding inhibitors of early spliceosome assembly. <i>Nature Communications</i> , 2020, 11, 5621.  | 12.8 | 20        |
| 45 | Picomolar FKBP inhibitors enabled by a single water-displacing methyl group in bicyclic [4.3.1] aza-amides. <i>Chemical Science</i> , 2021, 12, 14758-14765.                                     | 7.4  | 19        |
| 46 | Synthesis and Neurotrophic Activity Studies of <i>Illicium</i> Sesquiterpene Natural Product Analogues. <i>Chemistry - A European Journal</i> , 2017, 23, 3178-3183.                             | 3.3  | 18        |
| 47 | Selective Inhibitors of FKBP51 Employ Conformational Selection of Dynamic Invisible States. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9429-9433.                              | 13.8 | 18        |
| 48 | Betablockers at Work: The Crystal Structure of the $\beta_2$ -Adrenergic Receptor. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3314-3316.                                       | 13.8 | 16        |
| 49 | The Seven Pillars of Molecular Pharmacology: GPCR Research Honored with Nobel Prize for Chemistry. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12172-12175.                     | 13.8 | 16        |
| 50 | The splicing FK506-binding protein-51 isoform plays a role in glioblastoma resistance through programmed cell death ligand-1 expression regulation. <i>Cell Death Discovery</i> , 2019, 5, 137.  | 4.7  | 14        |
| 51 | Initial Metabolic Step of a Novel Ethanolamine Utilization Pathway and Its Regulation in <i>Streptomyces coelicolor</i> M145. <i>MBio</i> , 2019, 10, .  | 4.1  | 13        |
| 52 | Sex differences in the effect of the FKBP5 inhibitor SAFit2 on anxiety and stress-induced reinstatement following cocaine self-administration. <i>Neurobiology of Stress</i> , 2020, 13, 100232. | 4.0  | 13        |
| 53 | Macrocyclic FKBP51 Ligands Define a Transient Binding Mode with Enhanced Selectivity. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13257-13263.                                  | 13.8 | 13        |
| 54 | Development of NanoBRET Binding Assays for FKBP Ligand Profiling in Living Cells. <i>ChemBioChem</i> , 2021, 22, 2257-2261.  | 2.6  | 12        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 55 | Facile Synthesis of a Fluorescent Cyclosporin A Analogue To Study Cyclophilin 40 and Cyclophilin 18 Ligands. <i>ACS Medicinal Chemistry Letters</i> , 2010, 1, 536-539.                                      | 2.8  | 11        |
| 56 | Structures of Class B G Protein-Coupled Receptors: Prospects for Drug Discovery. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12783-12785.   | 13.8 | 9         |
| 57 | A Novel Decalin-Based Bicyclic Scaffold for FKBP51-Selective Ligands. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 231-240.   | 6.4  | 9         |
| 58 | Duration of Reduction in Enduring Stress-Induced Hyperalgesia Via FKBP51 Inhibition Depends on Timing of Administration Relative to Traumatic Stress Exposure. <i>Journal of Pain</i> , 2022, 23, 1256-1267. | 1.4  | 7         |
| 59 | Fenton-Chemistry-Based Oxidative Modification of Proteins Reflects Their Conformation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9927.  | 4.1  | 6         |
| 60 | Azidobupramine, an Antidepressant-Derived Bifunctional Neurotransmitter Transporter Ligand Allowing Covalent Labeling and Attachment of Fluorophores. <i>PLoS ONE</i> , 2016, 11, e0148608.                  | 2.5  | 5         |
| 61 | FKBP51 and FKBP12: Novel and tight interactors of Glomulin. <i>PLoS ONE</i> , 2019, 14, e0221926.  | 2.5  | 5         |
| 62 | Selective Inhibitors of FKBP51 Employ Conformational Selection of Dynamic Invisible States. <i>Angewandte Chemie</i> , 2019, 131, 9529-9533.   | 2.0  | 5         |
| 63 | Enantioselective Synthesis of a Tricyclic, sp <sup>3</sup> -Rich Diazatetradecanedione: an Amino Acid-Based Natural Product-Like Scaffold. <i>Chemistry - A European Journal</i> , 2020, 26, 4677-4681.      | 3.3  | 5         |
| 64 | Cryo-EM Structures of Class B GPCR Reveal the Activation Mechanism. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12412-12414.  | 13.8 | 3         |
| 65 | Med Chem Remote: The Frontiers in Medicinal Chemistry 2021. <i>ChemMedChem</i> , 2021, 16, 2411-2416.  | 3.2  | 1         |
| 66 | Break Away: FKBP12 sequestration as a target for increasing BMP activity. <i>Cell Chemical Biology</i> , 2021, 28, 1253-1255.  | 5.2  | 1         |
| 67 | Typ B-GPCR-Strukturen verdeutlichen Aktivierungsmechanismus. <i>Angewandte Chemie</i> , 2017, 129, 12584-12586.  | 2.0  | 0         |
| 68 | Makrozyklische FKBP51-Liganden enthalten einen transienten Bindungsmodus mit erhöhter Selektivität. <i>Angewandte Chemie</i> , 2021, 133, 13366-13372.   | 2.0  | 0         |