# Graziano Lolli

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6480406/publications.pdf

Version: 2024-02-01

| 37 | 1,622 | 331670 21 | 345221 36 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 39 | 39 | 39 | 2383 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The structure of P-TEFb (CDK9/cyclin T1), its complex with flavopiridol and regulation by phosphorylation. EMBO Journal, 2008, 27, 1907-1918. | 7.8 | 295 |
| 2 | Unprecedented Selectivity and Structural Determinants of a New Class of Protein Kinase CK2 Inhibitors in Clinical Trials for the Treatment of Cancer. Biochemistry, 2011, 50, 8478-8488. | 2.5 | 154 |
| 3 | CAKâ€"Cyclin-Dependent Activating Kinase: A Key Kinase in Cell Cycle Control and a Target for Drugs?. Cell Cycle, 2005, 4, 565-570. | 2.6 | 151 |
| 4 | Inhibition of Protein Kinase CK2 by Flavonoids and Tyrphostins. A Structural Insight. Biochemistry, 2012, 51, 6097-6107. | 2.5 | 127 |
| 5 | The Crystal Structure of Human CDK7 and Its Protein Recognition Properties. Structure, 2004, 12, 2067-2079. | 3.3 | 124 |
| 6 | CAK-Cyclin-dependent Activating Kinase: a key kinase in cell cycle control and a target for drugs?. Cell Cycle, 2005, 4, 572-7. | 2.6 | 67 |
| 7 | Structural Determinants of Protein Kinase CK2 Regulation by Autoinhibitory Polymerization. ACS Chemical Biology, 2012, 7, 1158-1163. | 3.4 | 58 |
| 8 | Cell-permeable dual inhibitors of protein kinases CK2 and PIM-1: structural features and pharmacological potential. Cellular and Molecular Life Sciences, 2014, 71, 3173-3185. | 5.4 | 45 |
| 9 | Structural dissection of cyclin dependent kinases regulation and protein recognition properties. Cell Cycle, 2010, 9, 1551-1561. | 2.6 | 41 |
| 10 | The â€œGatekeeperâ€•Residue Influences the Mode of Binding of Acetyl Indoles to Bromodomains. Journal of Medicinal Chemistry, 2016, 59, 3087-3097. | 6.4 | 36 |
| 11 | GroEL from the psychrophilic bacterium Pseudoalteromonas haloplanktis TAC 125: molecular characterization and gene cloning. Extremophiles, 2003, 7, 17-28. | 2.3 | 33 |
| 12 | Inhibitor affinity chromatography: Profiling the specific reactivity of the proteome with immobilized molecules. Proteomics, 2003, 3, 1287-1298. | 2.2 | 33 |
| 13 | Structural and functional analysis of the flexible regions of the catalytic Î±-subunit of protein kinase CK2. Journal of Structural Biology, 2012, 177, 382-391. | 2.8 | 32 |
| 14 | High-Throughput Fragment Docking into the BAZ2B Bromodomain: Efficient in Silico Screening for X-Ray Crystallography. ACS Chemical Biology, 2016, 11, 800-807. | 3.4 | 32 |
| 15 | Pharmacological inactivation of the prion protein by targeting a folding intermediate. Communications Biology, 2021, 4, 62. | 4.4 | 30 |
| 16 | Active Form of the Protein Kinase CK2 Î±<sub>2</sub>Î²<sub>2</sub> Holoenzyme Is a Strong Complex with Symmetric Architecture. ACS Chemical Biology, 2014, 9, 366-371. | 3.4 | 29 |
| 17 | Screening Approaches for Targeting Ribonucleoprotein Complexes: A New Dimension for Drug Discovery. SLAS Discovery, 2019, 24, 314-331. | 2.7 | 29 |
| 18 | Structural and functional determinants of protein kinase CK2Î±: facts and open questions. Molecular and Cellular Biochemistry, 2011, 356, 67-73. | 3.1 | 28 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | An Inhibitorâ€™s-Eye View of the ATP-Binding Site of CDKs in Different Regulatory States. ACS Chemical Biology, 2014, 9, 1251-1256. | 3.4 | 27 |
| 20 | The STAS domain of mammalian SLC26A5 prestin harbours an anion-binding site. Biochemical Journal, 2016, 473, 365-370. | 3.7 | 24 |
| 21 | Different orientations of low-molecular-weight fragments in the binding pocket of a BRD4 bromodomain. Acta Crystallographica Section D: Biological Crystallography, 2013, 69, 2161-2164. | 2.5 | 23 |
| 22 | Derivatives of 3-Amino-2-methylpyridine as BAZ2B Bromodomain Ligands: In Silico Discovery and in Crystallo Validation. Journal of Medicinal Chemistry, 2016, 59, 9919-9927. | 6.4 | 23 |
| 23 | Recognition of Cdk2 by Cdk7. Proteins: Structure, Function and Bioinformatics, 2007, 67, 1048-1059. | 2.6 | 21 |
| 24 | Discovery of BAZ2A bromodomain ligands. European Journal of Medicinal Chemistry, 2017, 139, 564-572. | 5.5 | 21 |
| 25 | Discovery of Inhibitors of Four Bromodomains by Fragment-Anchored Ligand Docking. Journal of Chemical Information and Modeling, 2017, 57, 2584-2597. | 5.4 | 21 |
| 26 | Binding to DNA of the RNA-polymerase II C-terminal domain allows discrimination between Cdk7 and Cdk9 phosphorylation. Nucleic Acids Research, 2008, 37, 1260-1268. | 14.5 | 18 |
| 27 | Characterization of the oligomeric states of the CK2 Î±2Î²2 holoenzyme in solution. Biochemical Journal, 2017, 474, 2405-2416. | 3.7 | 17 |
| 28 | A novel class of selective CK2 inhibitors targeting its open hinge conformation. European Journal of Medicinal Chemistry, 2020, 195, 112267. | 5.5 | 15 |
| 29 | Structure and single crystal spectroscopy of Green Fluorescent Proteins. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2011, 1814, 824-833. | 2.3 | 12 |
| 30 | Structural Analysis of Smallâ€Molecule Binding to the BAZ2A and BAZ2B Bromodomains. ChemMedChem, 2018, 13, 1479-1487. | 3.2 | 11 |
| 31 | Identification of compounds inhibiting prion replication and toxicity by removing PrP<sup>C</sup> from the cell surface. Journal of Neurochemistry, 2020, 152, 136-150. | 3.9 | 11 |
| 32 | The lysine-specific demethylase 1 is a novel substrate of protein kinase CK2. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 722-729. | 2.3 | 9 |
| 33 | Biochemical and cellular mechanism of protein kinase CK2 inhibition by deceptive curcumin. FEBS Journal, 2020, 287, 1850-1864. | 4.7 | 9 |
| 34 | Inhibitory Properties of ATP-Competitive Coumestrol and Boldine Are Correlated to Different Modulations of CK2 Flexibility. Journal of Natural Products, 2019, 82, 1014-1018. | 3.0 | 4 |
| 35 | Insight into GFPmut2 pH Dependence by Single Crystal Microspectrophotometry and X-ray Crystallography. Journal of Physical Chemistry B, 2018, 122, 11326-11337. | 2.6 | 3 |
| 36 | Identification of a BAZ2A Bromodomain Hit Compound by Fragment Joining. ACS Bio & Med Chem Au, 2021, 1, 5-10. | 3.7 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Structural Basis of CK2 Regulation by Autoinhibitory Oligomerization. , 2015, , 35-47. | | 2 |