

Erki Enkvist

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1137131/publications.pdf>

Version: 2024-02-01

41
papers

771
citations

516561

16
h-index

580701

25
g-index

45
all docs

45
docs citations

45
times ranked

652
citing authors

#	ARTICLE	IF	CITATIONS
1	Bisubstrate Inhibitors of Protein Kinases: from Principle to Practical Applications. <i>ChemMedChem</i> , 2010, 5, 23-34.	1.6	92
2	High-affinity bisubstrate probe for fluorescence anisotropy binding/displacement assays with protein kinases PKA and ROCK. <i>Analytical Biochemistry</i> , 2009, 385, 85-93.	1.1	60
3	Conjugation of Adenosine and Hexa-(d-arginine) Leads to a Nanomolar Bisubstrate-Analog Inhibitor of Basophilic Protein Kinases. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 7150-7159.	2.9	58
4	Protein-Induced Long Lifetime Luminescence of Nonmetal Probes. <i>ACS Chemical Biology</i> , 2011, 6, 1052-1062.	1.6	43
5	Structural Analysis of ARC-Type Inhibitor (ARC-1034) Binding to Protein Kinase A Catalytic Subunit and Rational Design of Bisubstrate Analogue Inhibitors of Basophilic Protein Kinases. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 308-321.	2.9	34
6	A subnanomolar fluorescent probe for protein kinase CK2 interaction studies. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8645.	1.5	32
7	Diversity of Bisubstrate Binding Modes of Adenosine Analogue "Oligoarginine Conjugates in Protein Kinase A and Implications for Protein Substrate Interactions. <i>Journal of Molecular Biology</i> , 2010, 403, 66-77.	2.0	27
8	Acetoxymethyl Ester of Tetrabromobenzimidazole "Peptoid Conjugate for Inhibition of Protein Kinase CK2 in Living Cells. <i>Bioconjugate Chemistry</i> , 2015, 26, 2324-2335.	1.8	27
9	Benzoselenadiazole-based responsive long-lifetime photoluminescent probes for protein kinases. <i>Chemical Communications</i> , 2014, 50, 4096-4098.	2.2	23
10	A Selective Biligand Inhibitor of CK2 Increases Caspase "3 Activity in Cancer Cells and Inhibits Platelet Aggregation. <i>ChemMedChem</i> , 2017, 12, 1723-1736.	1.6	23
11	Fluorometric TLC assay for evaluation of protein kinase inhibitors. <i>Analytical Biochemistry</i> , 2005, 340, 165-170.	1.1	22
12	Time-gated luminescence microscopy with responsive nonmetal probes for mapping activity of protein kinases in living cells. <i>Chemical Communications</i> , 2012, 48, 8595.	2.2	19
13	Responsive microsecond-lifetime photoluminescent probes for analysis of protein kinases and their inhibitors. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 1330-1335.	1.1	19
14	Selective Bisubstrate Inhibitors with Sub "nanomolar Affinity for Protein Kinase Pim "1. <i>ChemMedChem</i> , 2013, 8, 909-913.	1.6	19
15	Bifunctional Ligands for Inhibition of Tight-Binding Protein "Protein Interactions. <i>Bioconjugate Chemistry</i> , 2016, 27, 1900-1910.	1.8	19
16	Carbocyclic 3 "2-deoxyadenosine-based highly potent bisubstrate-analog inhibitor of basophilic protein kinases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 5336-5339.	1.0	17
17	Thiazole- and selenazole-comprising high-affinity inhibitors possess bright microsecond-scale photoluminescence in complex with protein kinase CK2. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 5062-5068.	1.4	14
18	Unexpected CK2 "2-antagonistic functionality of bisubstrate inhibitors targeting protein kinase CK2. <i>Bioorganic Chemistry</i> , 2020, 96, 103608.	2.0	14

#	ARTICLE	IF	CITATIONS
19	Adenosine-Derived Non-Phosphate Antagonists for P2Y1 Purinoceptors. <i>Biochemical and Biophysical Research Communications</i> , 2000, 272, 327-331.	1.0	13
20	Bisubstrate fluorescent probes and biosensors in binding assays for HTS of protein kinase inhibitors. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2010, 1804, 541-546.	1.1	13
21	Slowly on, Slowly off: Bisubstrate-Analogue Conjugates of 5-Iodotubercidin and Histone H3 Peptide Targeting Protein Kinase Haspin. <i>ChemBioChem</i> , 2017, 18, 790-798.	1.3	13
22	Effect of the structure of adenosine mimic of bisubstrate-analog inhibitors on their activity towards basophilic protein kinases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 6098-6101.	1.0	12
23	Conjugates of 5-isoquinolinesulfonylamides and oligo-d-arginine possess high affinity and selectivity towards Rho kinase (ROCK). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 3425-3430.	1.0	12
24	FRET-based screening assay using small-molecule photoluminescent probes in lysate of cells overexpressing RFP-fused protein kinases. <i>Analytical Biochemistry</i> , 2015, 481, 10-17.	1.1	12
25	PIM kinase-responsive microsecond-lifetime photoluminescent probes based on selenium-containing heteroaromatic tricycle. <i>RSC Advances</i> , 2015, 5, 96750-96757.	1.7	12
26	Oligo-aspartic acid conjugates with benzo[c][2,6]naphthyridine-8-carboxylic acid scaffold as picomolar inhibitors of CK2. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 2277-2284.	1.4	12
27	Efficient photocaging of a tight-binding bisubstrate inhibitor of cAMP-dependent protein kinase. <i>Chemical Communications</i> , 2019, 55, 11147-11150.	2.2	12
28	Long Residence Times Revealed by Aurora A Kinase-Targeting Fluorescent Probes Derived from Inhibitors MLN8237 and VX689. <i>ChemBioChem</i> , 2014, 15, 443-450.	1.3	11
29	Combining chemical and genetic approaches for development of responsive FRET-based sensor systems for protein kinases. <i>Biophysical Chemistry</i> , 2016, 211, 39-48.	1.5	11
30	Inhibition of CREB Phosphorylation by Conjugates of Adenosine Analogues and Arginine-Rich Peptides, Inhibitors of PKA Catalytic Subunit. <i>ChemBioChem</i> , 2015, 16, 312-319.	1.3	9
31	Adenosine analogue-oligo-arginine conjugates (ARCs) serve as high-affinity inhibitors and fluorescence probes of type I cGMP-dependent protein kinase (PKGI \pm). <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2010, 1804, 1857-1868.	1.1	8
32	Almost complete radiationless energy transfer from excited triplet state of a dim phosphor to a covalently linked adjacent fluorescent dye in purely organic tandem luminophores doped into PVA matrix. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6571-6577.	2.7	8
33	Synthesis of Potential Purinoceptor Antagonists: Application of P1-tBu Phosphazene Base for Alkylation of Adenine in Solution and on Solid Phase. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2006, 25, 141-157.	0.4	7
34	Targeting Plasmodium falciparum protein kinases with adenosine analogue-oligoarginine conjugates. <i>Experimental Parasitology</i> , 2014, 138, 55-62.	0.5	7
35	Deoxygenation Increases Photoluminescence Lifetime of Protein-Responsive Organic Probes with Triplet-Singlet Resonant Energy Transfer. <i>Journal of Physical Chemistry B</i> , 2016, 120, 4945-4954.	1.2	7
36	Competitive ligands facilitate dissociation of the complex of bifunctional inhibitor and protein kinase. <i>Biophysical Chemistry</i> , 2017, 228, 17-24.	1.5	7

#	ARTICLE	IF	CITATIONS
37	Crystal Structure-Guided Design of Bisubstrate Inhibitors and Photoluminescent Probes for Protein Kinases of the PIM Family. <i>Molecules</i> , 2021, 26, 4353.	1.7	7
38	Progesterone triggers Rho kinase-cofilin axis during <i>in vitro</i> and <i>in vivo</i> endometrial decidualization. <i>Human Reproduction</i> , 2021, 36, 2230-2248.	0.4	6
39	Inhibitors and fluorescent probes for protein kinase PKA \hat{c}^2 and its S54L mutant, identified in a patient with cortisol producing adenoma. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 1839-1845.	0.6	4
40	Intramolecular interchromophore singlet-singlet and triplet-singlet energy transfer in a metal-free donor-acceptor emitter. <i>Journal of Luminescence</i> , 2021, 237, 118183.	1.5	3
41	Discovery of strong inhibitory properties of a monoclonal antibody of PKA and use of the antibody and a competitive photoluminescent orthosteric probe for analysis of the protein kinase. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2020, 1868, 140427.	1.1	2