Erki Enkvist

List of Publications by Year
in descending order

41	771	516561 16	580701 25
papers	citations	h-index	g-index

45	45	45	652
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Crystal Structure-Guided Design of Bisubstrate Inhibitors and Photoluminescent Probes for Protein Kinases of the PIM Family. Molecules, 2021, 26, 4353.	1.7	7
2	Progesterone triggers Rho kinase-cofilin axis during in vitro and in vivo endometrial decidualization. Human Reproduction, 2021, 36, 2230-2248.	0.4	6
3	Intramolecular interchromophore singlet-singlet and triplet-singlet energy transfer in a metal-free donor-acceptor emitter. Journal of Luminescence, 2021, 237, 118183.	1.5	3
4	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. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2020, 1868, 140427.	1.1	2
5	Inhibitors and fluorescent probes for protein kinase PKAcÎ² and its S54L mutant, identified in a patient with cortisol producing adenoma. Bioscience, Biotechnology and Biochemistry, 2020, 84, 1839-1845.	0.6	4
6	Unexpected CK2Î²-antagonistic functionality of bisubstrate inhibitors targeting protein kinase CK2. Bioorganic Chemistry, 2020, 96, 103608.	2.0	14
7	Efficient photocaging of a tight-binding bisubstrate inhibitor of cAMP-dependent protein kinase. Chemical Communications, 2019, 55, 11147-11150.	2.2	12
8	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. Journal of Materials Chemistry C, 2019, 7, 6571-6577.	2.7	8
9	Thiazole- and selenazole-comprising high-affinity inhibitors possess bright microsecond-scale photoluminescence in complex with protein kinase CK2. Bioorganic and Medicinal Chemistry, 2018, 26, 5062-5068.	1.4	14
10	Oligo-aspartic acid conjugates with benzo[c][2,6]naphthyridine-8-carboxylic acid scaffold as picomolar inhibitors of CK2. Bioorganic and Medicinal Chemistry, 2017, 25, 2277-2284.	1.4	12
11	Slowly on, Slowly off: Bisubstrateâ€Analogue Conjugates of 5â€Iodotubercidin and Histone H3 Peptide Targeting Protein Kinase Haspin. ChemBioChem, 2017, 18, 790-798.	1.3	13
12	A Selective Biligand Inhibitor of CK2 Increases Caspaseâ€3 Activity in Cancer Cells and Inhibits Platelet Aggregation. ChemMedChem, 2017, 12, 1723-1736.	1.6	23
13	Competitive ligands facilitate dissociation of the complex of bifunctional inhibitor and protein kinase. Biophysical Chemistry, 2017, 228, 17-24.	1.5	7
14	Bifunctional Ligands for Inhibition of Tight-Binding Proteinâ€“Protein Interactions. Bioconjugate Chemistry, 2016, 27, 1900-1910.	1.8	19
15	Deoxygenation Increases Photoluminescence Lifetime of Protein-Responsive Organic Probes with Tripletâ€“Singlet Resonant Energy Transfer. Journal of Physical Chemistry B, 2016, 120, 4945-4954.	1.2	7
16	Combining chemical and genetic approaches for development of responsive FRET-based sensor systems for protein kinases. Biophysical Chemistry, 2016, 211, 39-48.	1.5	11
17	Acetoxymethyl Ester of Tetrabromobenzimidazoleâ€“Peptoid Conjugate for Inhibition of Protein Kinase CK2 in Living Cells. Bioconjugate Chemistry, 2015, 26, 2324-2335.	1.8	27
18	FRET-based screening assay using small-molecule photoluminescent probes in lysate of cells overexpressing RFP-fused protein kinases. Analytical Biochemistry, 2015, 481, 10-17.	1.1	12

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19	PIM kinase-responsive microsecond-lifetime photoluminescent probes based on selenium-containing heteroaromatic tricycle. RSC Advances, 2015, 5, 96750-96757.	1.7	12
20	Inhibition of CREB Phosphorylation by Conjugates of Adenosine Analogues and Arginineâ€Rich Peptides, Inhibitors of PKA Catalytic Subunit. ChemBioChem, 2015, 16, 312-319.	1.3	9
21	Long Residence Times Revealed by Aurora A Kinaseâ€Targeting Fluorescent Probes Derived from Inhibitors MLN8237 and VXâ€689. ChemBioChem, 2014, 15, 443-450.	1.3	11
22	Benzoselenadiazole-based responsive long-lifetime photoluminescent probes for protein kinases. Chemical Communications, 2014, 50, 4096-4098.	2.2	23
23	Targeting Plasmodium falciparum protein kinases with adenosine analogueâ€“oligoarginine conjugates. Experimental Parasitology, 2014, 138, 55-62.	0.5	7
24	Responsive microsecond-lifetime photoluminescent probes for analysis of protein kinases and their inhibitors. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 1330-1335.	1.1	19
25	Selective Bisubstrate Inhibitors with Subâ€nanomolar Affinity for Protein Kinase Pimâ€1. ChemMedChem, 2013, 8, 909-913.	1.6	19
26	A subnanomolar fluorescent probe for protein kinase CK2 interaction studies. Organic and Biomolecular Chemistry, 2012, 10, 8645.	1.5	32
27	Time-gated luminescence microscopy with responsive nonmetal probes for mapping activity of protein kinases in living cells. Chemical Communications, 2012, 48, 8595.	2.2	19
28	Conjugates of 5-isoquinolinesulfonylamides and oligo-d-arginine possess high affinity and selectivity towards Rho kinase (ROCK). Bioorganic and Medicinal Chemistry Letters, 2012, 22, 3425-3430.	1.0	12
29	Protein-Induced Long Lifetime Luminescence of Nonmetal Probes. ACS Chemical Biology, 2011, 6, 1052-1062.	1.6	43
30	Bisubstrate Inhibitors of Protein Kinases: from Principle to Practical Applications. ChemMedChem, 2010, 5, 23-34.	1.6	92
31	Bisubstrate fluorescent probes and biosensors in binding assays for HTS of protein kinase inhibitors. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2010, 1804, 541-546.	1.1	13
32	Adenosine analogueâ€“oligo-arginine conjugates (ARCs) serve as high-affinity inhibitors and fluorescence probes of type I cGMP-dependent protein kinase (PKGIIα). Biochimica Et Biophysica Acta - Proteins and Proteomics, 2010, 1804, 1857-1868.	1.1	8
33	Diversity of Bisubstrate Binding Modes of Adenosine Analogueâ€“Oligoarginine Conjugates in Protein Kinase A and Implications for Protein Substrate Interactions. Journal of Molecular Biology, 2010, 403, 66-77.	2.0	27
34	Effect of the structure of adenosine mimic of bisubstrate-analog inhibitors on their activity towards basophilic protein kinases. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 6098-6101.	1.0	12
35	High-affinity bisubstrate probe for fluorescence anisotropy binding/displacement assays with protein kinases PKA and ROCK. Analytical Biochemistry, 2009, 385, 85-93.	1.1	60
36	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. Journal of Medicinal Chemistry, 2009, 52, 308-321.	2.9	34

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37	Carbocyclic 3â€²-deoxyadenosine-based highly potent bisubstrate-analog inhibitor of basophilic protein kinases. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 5336-5339.	1.0	17
38	Conjugation of Adenosine and Hexa-(d-arginine) Leads to a Nanomolar Bisubstrate-Analog Inhibitor of Basophilic Protein Kinases. Journal of Medicinal Chemistry, 2006, 49, 7150-7159.	2.9	58
39	Synthesis of Potential Purinoceptor Antagonists: Application of P1-tBu Phosphazene Base for Alkylation of Adenine in Solution and on Solid Phase. Nucleosides, Nucleotides and Nucleic Acids, 2006, 25, 141-157.	0.4	7
40	Fluorometric TLC assay for evaluation of protein kinase inhibitors. Analytical Biochemistry, 2005, 340, 165-170.	1.1	22
41	Adenosine-Derived Non-Phosphate Antagonists for P2Y1 Purinoceptors. Biochemical and Biophysical Research Communications, 2000, 272, 327-331.	1.0	13