Asko Uri

List of Publications by Year
in descending order

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67 papers	1,224 citations	394421 19 h-index	454955 30 g-index
72 all docs	72 docs citations	72 times ranked	1036 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.	3.8	7
2	Progesterone triggers Rho kinase-cofilin axis during in vitro and in vivo endometrial decidualization. Human Reproduction, 2021, 36, 2230-2248.	0.9	6
3	Intramolecular interchromophore singlet-singlet and triplet-singlet energy transfer in a metal-free donor-acceptor emitter. Journal of Luminescence, 2021, 237, 118183.	3.1	3
4	What is the current value of fluorescence polarization assays in small molecule screening?. Expert Opinion on Drug Discovery, 2020, 15, 131-133.	5.0	16
5	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.	2.3	2
6	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.	1.3	4
7	Unexpected CK2Î²-antagonistic functionality of bisubstrate inhibitors targeting protein kinase CK2. Bioorganic Chemistry, 2020, 96, 103608.	4.1	14
8	Efficient photocaging of a tight-binding bisubstrate inhibitor of cAMP-dependent protein kinase. Chemical Communications, 2019, 55, 11147-11150.	4.1	12
9	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.	5.5	8
10	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.	3.0	14
11	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.	3.0	12
12	Slowly on, Slowly off: Bisubstrateâ€Analogue Conjugates of 5â€Iodotubercidin and Histone H3 Peptide Targeting Protein Kinase Haspin. ChemBioChem, 2017, 18, 790-798.	2.6	13
13	Binding assay for characterization of protein kinase inhibitors possessing sub-picomolar to sub-millimolar affinity. Analytical Biochemistry, 2017, 531, 67-77.	2.4	13
14	A Selective Biligand Inhibitor of CK2 Increases Caspaseâ€3 Activity in Cancer Cells and Inhibits Platelet Aggregation. ChemMedChem, 2017, 12, 1723-1736.	3.2	23
15	Competitive ligands facilitate dissociation of the complex of bifunctional inhibitor and protein kinase. Biophysical Chemistry, 2017, 228, 17-24.	2.8	7
16	Structure, Roles and Inhibitors of a Mitotic Protein Kinase Haspin. Current Medicinal Chemistry, 2017, 24, 2276-2293.	2.4	11
17	Phosphorylation of Notch1 by Pim kinases promotes oncogenic signaling in breast and prostate cancer cells. Oncotarget, 2016, 7, 43220-43238.	1.8	49
18	Bifunctional Ligands for Inhibition of Tight-Binding Proteinâ€“Protein Interactions. Bioconjugate Chemistry, 2016, 27, 1900-1910.	3.6	19

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19	Co-crystal structures of the protein kinase haspin with bisubstrate inhibitors. Acta Crystallographica Section F, Structural Biology Communications, 2016, 72, 339-345.	0.8	10
20	Deoxygenation Increases Photoluminescence Lifetime of Protein-Responsive Organic Probes with Tripletâ€“Singlet Resonant Energy Transfer. Journal of Physical Chemistry B, 2016, 120, 4945-4954.	2.6	7
21	Discovery of lipoic acid-4-phenyl-1H-pyrazole hybrids as novel bifunctional ROCK inhibitors with antioxidant activity. RSC Advances, 2016, 6, 58516-58520.	3.6	6
22	Combining chemical and genetic approaches for development of responsive FRET-based sensor systems for protein kinases. Biophysical Chemistry, 2016, 211, 39-48.	2.8	11
23	Acetoxymethyl Ester of Tetrabromobenzimidazoleâ€“Peptoid Conjugate for Inhibition of Protein Kinase CK2 in Living Cells. Bioconjugate Chemistry, 2015, 26, 2324-2335.	3.6	27
24	Bisubstrate Inhibitor Approach for Targeting Mitotic Kinase Haspin. Bioconjugate Chemistry, 2015, 26, 225-234.	3.6	18
25	Fluorescent photoaffinity probes for mitotic protein kinase Aurora A. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3290-3294.	2.2	1
26	FRET-based screening assay using small-molecule photoluminescent probes in lysate of cells overexpressing RFP-fused protein kinases. Analytical Biochemistry, 2015, 481, 10-17.	2.4	12
27	PIM kinase-responsive microsecond-lifetime photoluminescent probes based on selenium-containing heteroaromatic tricycle. RSC Advances, 2015, 5, 96750-96757.	3.6	12
28	Inhibition of CREB Phosphorylation by Conjugates of Adenosine Analogues and Arginineâ€Rich Peptides, Inhibitors of PKA Catalytic Subunit. ChemBioChem, 2015, 16, 312-319.	2.6	9
29	Long Residence Times Revealed by Aurora A Kinaseâ€Targeting Fluorescent Probes Derived from Inhibitors MLN8237 and VXâ€689. ChemBioChem, 2014, 15, 443-450.	2.6	11
30	Benzoselenadiazole-based responsive long-lifetime photoluminescent probes for protein kinases. Chemical Communications, 2014, 50, 4096-4098.	4.1	23
31	Simply combining fasudil and lipoic acid in a novel multitargeted chemical entity potentially useful in central nervous system disorders. RSC Advances, 2014, 4, 37266-37269.	3.6	18
32	Targeting Plasmodium falciparum protein kinases with adenosine analogueâ€“oligoarginine conjugates. Experimental Parasitology, 2014, 138, 55-62.	1.2	7
33	Responsive microsecond-lifetime photoluminescent probes for analysis of protein kinases and their inhibitors. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 1330-1335.	2.3	19
34	Selective Bisubstrate Inhibitors with Subâ€nanomolar Affinity for Protein Kinase Pimâ€1. ChemMedChem, 2013, 8, 909-913.	3.2	19
35	A subnanomolar fluorescent probe for protein kinase CK2 interaction studies. Organic and Biomolecular Chemistry, 2012, 10, 8645.	2.8	32
36	Time-gated luminescence microscopy with responsive nonmetal probes for mapping activity of protein kinases in living cells. Chemical Communications, 2012, 48, 8595.	4.1	19

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37	Time-gated luminescence assay using nonmetal probes for determination of protein kinase activity-based disease markers. Analytical Biochemistry, 2012, 422, 79-88.	2.4	20
38	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.	2.2	12
39	Protein-Induced Long Lifetime Luminescence of Nonmetal Probes. ACS Chemical Biology, 2011, 6, 1052-1062.	3.4	43
40	Bisubstrate Inhibitors of Protein Kinases: from Principle to Practical Applications. ChemMedChem, 2010, 5, 23-34.	3.2	92
41	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.	2.3	13
42	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.	2.3	8
43	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.	4.2	27
44	Small-molecule FRET probes for protein kinase activity monitoring in living cells. Biochemical and Biophysical Research Communications, 2010, 397, 750-755.	2.1	23
45	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.	2.2	12
46	High-affinity bisubstrate probe for fluorescence anisotropy binding/displacement assays with protein kinases PKA and ROCK. Analytical Biochemistry, 2009, 385, 85-93.	2.4	60
47	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.	6.4	34
48	Adenosineâ€“oligoarginine conjugate, a novel bisubstrate inhibitor, effectively dissociates the actin cytoskeleton. FEBS Journal, 2008, 275, 3608-3624.	4.7	18
49	Carbocyclic 3â€²-deoxyadenosine-based highly potent bisubstrate-analog inhibitor of basophilic protein kinases. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 5336-5339.	2.2	17
50	Surface-plasmon-resonance-based biosensor with immobilized bisubstrate analog inhibitor for the determination of affinities of ATP- and protein-competitive ligands of cAMP-dependent protein kinase. Analytical Biochemistry, 2007, 362, 268-277.	2.4	36
51	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.	6.4	58
52	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.	1.1	7
53	Fluorometric TLC assay for evaluation of protein kinase inhibitors. Analytical Biochemistry, 2005, 340, 165-170.	2.4	22
54	Kinetic analysis of inhibition of cAMP-dependent protein kinase catalytic subunit by the peptideâ€“nucleoside conjugate AdcAhxArg6. Bioorganic Chemistry, 2004, 32, 527-535.	4.1	11

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55	Liquid-phase synthesis of a pegylated adenosineâ€“oligoarginine conjugate, cell-permeable inhibitor of cAMP-dependent protein kinase. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 3035-3039.	2.2	19
56	2-Alkylthio-substituted platelet P2Y12 receptor antagonists reveal pharmacological identity between the rat brain Gi-linked ADP receptors and P2Y12. Neuropharmacology, 2003, 45, 145-154.	4.1	21
57	Identification of the ability of highly charged nanomolar inhibitors of protein kinases to cross plasma membranes and carry a protein into cells. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 2117-2120.	2.2	13
58	[35S]GTPÎ³S autoradiography reveals a wide distribution of Gi/o-linked ADP receptors in the nervous system: close similarities with the platelet P2YADP receptor. Journal of Neurochemistry, 2001, 77, 505-518.	3.9	36
59	Adenosine-Derived Non-Phosphate Antagonists for P2Y1 Purinoceptors. Biochemical and Biophysical Research Communications, 2000, 272, 327-331.	2.1	13
60	Bi-substrate analogue ligands for affinity chromatography of protein kinases. FEBS Letters, 2000, 480, 244-248.	2.8	10
61	Adenosine-5â€²-carboxylic acid peptidyl derivatives as inhibitors of protein kinases. Bioorganic and Medicinal Chemistry Letters, 1999, 9, 1447-1452.	2.2	29
62	Pyrimidinoceptor potentiation by ATP in NG108-15 cells. FEBS Letters, 1998, 439, 107-109.	2.8	6
63	Novel galanin receptor ligands. Chemical Biology and Drug Design, 1998, 51, 65-74.	1.1	29
64	Synthesis and structural characterization of conjugates of adenosine and tetra-aspartate, novel analogs of ATP. Bioorganic and Medicinal Chemistry Letters, 1997, 7, 2159-2164.	2.2	8
65	Peptidyl Conjugates of Adenosine 5â€²-Carboxylic Acid Synthesized and Evaluated as Ligands for P2 Purinoceptors. Biochemical and Biophysical Research Communications, 1996, 229, 363-369.	2.1	6
66	UV-visible spectra of some nitro-substituted porphyrins. Journal of Photochemistry and Photobiology A: Chemistry, 1995, 85, 119-126.	3.9	14
67	A new class of compounds, peptide derivatives of adenosine 5â€²-carboxylic acid, includes inhibitors of ATP receptor-mediatedresponses. Bioorganic and Medicinal Chemistry, 1994, 2, 1099-1105.	3.0	12