

Asko Uri

List of Publications by Year in descending order

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67
papers

1,224
citations

394421

19
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454955

30
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72
all docs

72
docs citations

72
times ranked

1036
citing authors

#	ARTICLE	IF	CITATIONS
1	Bisubstrate Inhibitors of Protein Kinases: from Principle to Practical Applications. <i>ChemMedChem</i> , 2010, 5, 23-34.	3.2	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.	2.4	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.	6.4	58
4	Phosphorylation of Notch1 by Pim kinases promotes oncogenic signaling in breast and prostate cancer cells. <i>Oncotarget</i> , 2016, 7, 43220-43238.	1.8	49
5	Protein-Induced Long Lifetime Luminescence of Nonmetal Probes. <i>ACS Chemical Biology</i> , 2011, 6, 1052-1062.	3.4	43
6	[³⁵ S]GTP ^γ S autoradiography reveals a wide distribution of Gi/o-linked ADP receptors in the nervous system: close similarities with the platelet P2YADP receptor. <i>Journal of Neurochemistry</i> , 2001, 77, 505-518.	3.9	36
7	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. <i>Analytical Biochemistry</i> , 2007, 362, 268-277.	2.4	36
8	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.	6.4	34
9	A subnanomolar fluorescent probe for protein kinase CK2 interaction studies. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8645.	2.8	32
10	Adenosine-5'-carboxylic acid peptidyl derivatives as inhibitors of protein kinases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1999, 9, 1447-1452.	2.2	29
11	Novel galanin receptor ligands. <i>Chemical Biology and Drug Design</i> , 1998, 51, 65-74.	1.1	29
12	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.	4.2	27
13	Acetoxymethyl Ester of Tetrabromobenzimidazole Peptoid Conjugate for Inhibition of Protein Kinase CK2 in Living Cells. <i>Bioconjugate Chemistry</i> , 2015, 26, 2324-2335.	3.6	27
14	Small-molecule FRET probes for protein kinase activity monitoring in living cells. <i>Biochemical and Biophysical Research Communications</i> , 2010, 397, 750-755.	2.1	23
15	Benzoselenadiazole-based responsive long-lifetime photoluminescent probes for protein kinases. <i>Chemical Communications</i> , 2014, 50, 4096-4098.	4.1	23
16	A Selective Biligand Inhibitor of CK2 Increases Caspase-3 Activity in Cancer Cells and Inhibits Platelet Aggregation. <i>ChemMedChem</i> , 2017, 12, 1723-1736.	3.2	23
17	Fluorometric TLC assay for evaluation of protein kinase inhibitors. <i>Analytical Biochemistry</i> , 2005, 340, 165-170.	2.4	22
18	2-Alkylthio-substituted platelet P2Y12 receptor antagonists reveal pharmacological identity between the rat brain Gi-linked ADP receptors and P2Y12. <i>Neuropharmacology</i> , 2003, 45, 145-154.	4.1	21

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19	Time-gated luminescence assay using nonmetal probes for determination of protein kinase activity-based disease markers. <i>Analytical Biochemistry</i> , 2012, 422, 79-88.	2.4	20
20	Liquid-phase synthesis of a pegylated adenosine-oligoarginine conjugate, cell-permeable inhibitor of cAMP-dependent protein kinase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 3035-3039.	2.2	19
21	Time-gated luminescence microscopy with responsive nonmetal probes for mapping activity of protein kinases in living cells. <i>Chemical Communications</i> , 2012, 48, 8595.	4.1	19
22	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.	2.3	19
23	Selective Bisubstrate Inhibitors with Subnanomolar Affinity for Protein Kinase Pim-1. <i>ChemMedChem</i> , 2013, 8, 909-913.	3.2	19
24	Bifunctional Ligands for Inhibition of Tight-Binding Protein-Protein Interactions. <i>Bioconjugate Chemistry</i> , 2016, 27, 1900-1910.	3.6	19
25	Adenosine-oligoarginine conjugate, a novel bisubstrate inhibitor, effectively dissociates the actin cytoskeleton. <i>FEBS Journal</i> , 2008, 275, 3608-3624.	4.7	18
26	Simply combining fasudil and lipoic acid in a novel multitargeted chemical entity potentially useful in central nervous system disorders. <i>RSC Advances</i> , 2014, 4, 37266-37269.	3.6	18
27	Bisubstrate Inhibitor Approach for Targeting Mitotic Kinase Haspin. <i>Bioconjugate Chemistry</i> , 2015, 26, 225-234.	3.6	18
28	Carbocyclic 3'-deoxyadenosine-based highly potent bisubstrate-analog inhibitor of basophilic protein kinases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 5336-5339.	2.2	17
29	What is the current value of fluorescence polarization assays in small molecule screening?. <i>Expert Opinion on Drug Discovery</i> , 2020, 15, 131-133.	5.0	16
30	UV-visible spectra of some nitro-substituted porphyrins. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1995, 85, 119-126.	3.9	14
31	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.	3.0	14
32	Unexpected CK2 ¹² -antagonistic functionality of bisubstrate inhibitors targeting protein kinase CK2. <i>Bioorganic Chemistry</i> , 2020, 96, 103608.	4.1	14
33	Adenosine-Derived Non-Phosphate Antagonists for P2Y1 Purinoceptors. <i>Biochemical and Biophysical Research Communications</i> , 2000, 272, 327-331.	2.1	13
34	Identification of the ability of highly charged nanomolar inhibitors of protein kinases to cross plasma membranes and carry a protein into cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 2117-2120.	2.2	13
35	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.	2.3	13
36	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.	2.6	13

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37	Binding assay for characterization of protein kinase inhibitors possessing sub-picomolar to sub-millimolar affinity. <i>Analytical Biochemistry</i> , 2017, 531, 67-77.	2.4	13
38	A new class of compounds, peptide derivatives of adenosine 5'-carboxylic acid, includes inhibitors of ATP receptor-mediated responses. <i>Bioorganic and Medicinal Chemistry</i> , 1994, 2, 1099-1105.	3.0	12
39	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.	2.2	12
40	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.	2.2	12
41	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.	2.4	12
42	PIM kinase-responsive microsecond-lifetime photoluminescent probes based on selenium-containing heteroaromatic tricycle. <i>RSC Advances</i> , 2015, 5, 96750-96757.	3.6	12
43	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.	3.0	12
44	Efficient photocaging of a tight-binding bisubstrate inhibitor of cAMP-dependent protein kinase. <i>Chemical Communications</i> , 2019, 55, 11147-11150.	4.1	12
45	Kinetic analysis of inhibition of cAMP-dependent protein kinase catalytic subunit by the peptide-nucleoside conjugate AdcAhxArg6. <i>Bioorganic Chemistry</i> , 2004, 32, 527-535.	4.1	11
46	Long Residence Times Revealed by Aurora A Kinase-Targeting Fluorescent Probes Derived from Inhibitors MLN8237 and VX689. <i>ChemBioChem</i> , 2014, 15, 443-450.	2.6	11
47	Combining chemical and genetic approaches for development of responsive FRET-based sensor systems for protein kinases. <i>Biophysical Chemistry</i> , 2016, 211, 39-48.	2.8	11
48	Structure, Roles and Inhibitors of a Mitotic Protein Kinase Haspin. <i>Current Medicinal Chemistry</i> , 2017, 24, 2276-2293.	2.4	11
49	Bi-substrate analogue ligands for affinity chromatography of protein kinases. <i>FEBS Letters</i> , 2000, 480, 244-248.	2.8	10
50	Co-crystal structures of the protein kinase haspin with bisubstrate inhibitors. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2016, 72, 339-345.	0.8	10
51	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.	2.6	9
52	Synthesis and structural characterization of conjugates of adenosine and tetra-aspartate, novel analogs of ATP. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1997, 7, 2159-2164.	2.2	8
53	Adenosine analogue oligo-arginine conjugates (ARCs) serve as high-affinity inhibitors and fluorescence probes of type I cGMP-dependent protein kinase (PKGI±). <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2010, 1804, 1857-1868.	2.3	8
54	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.	5.5	8

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55	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.	1.1	7
56	Targeting Plasmodium falciparum protein kinases with adenosine analogue ² oligoarginine conjugates. <i>Experimental Parasitology</i> , 2014, 138, 55-62.	1.2	7
57	Deoxygenation Increases Photoluminescence Lifetime of Protein-Responsive Organic Probes with Triplet ² Singlet Resonant Energy Transfer. <i>Journal of Physical Chemistry B</i> , 2016, 120, 4945-4954.	2.6	7
58	Competitive ligands facilitate dissociation of the complex of bifunctional inhibitor and protein kinase. <i>Biophysical Chemistry</i> , 2017, 228, 17-24.	2.8	7
59	Crystal Structure-Guided Design of Bisubstrate Inhibitors and Photoluminescent Probes for Protein Kinases of the PIM Family. <i>Molecules</i> , 2021, 26, 4353.	3.8	7
60	Peptidyl Conjugates of Adenosine 5 ² -Carboxylic Acid Synthesized and Evaluated as Ligands for P2 Purinoceptors. <i>Biochemical and Biophysical Research Communications</i> , 1996, 229, 363-369.	2.1	6
61	Pyrimidinoceptor potentiation by ATP in NG108-15 cells. <i>FEBS Letters</i> , 1998, 439, 107-109.	2.8	6
62	Discovery of lipoic acid-4-phenyl-1H-pyrazole hybrids as novel bifunctional ROCK inhibitors with antioxidant activity. <i>RSC Advances</i> , 2016, 6, 58516-58520.	3.6	6
63	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.	0.9	6
64	Inhibitors and fluorescent probes for protein kinase PKA ² and its S54L mutant, identified in a patient with cortisol producing adenoma. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 1839-1845.	1.3	4
65	Intramolecular interchromophore singlet-singlet and triplet-singlet energy transfer in a metal-free donor-acceptor emitter. <i>Journal of Luminescence</i> , 2021, 237, 118183.	3.1	3
66	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.	2.3	2
67	Fluorescent photoaffinity probes for mitotic protein kinase Aurora A. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3290-3294.	2.2	1