Anthony B Pinkerton

List of Publications by Year
in descending order

95	4,449	87723 38	114278 63
papers	citations	h-index	g-index

111	111	111	6055
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Optimized Dihydrodibenzothiazepine Lead Compound (SBI-0797750) as a Potent and Selective Inhibitor of Plasmodium falciparum and P. vivax Glucose 6-Phosphate Dehydrogenase 6-Phosphogluconolactonase. Antimicrobial Agents and Chemotherapy, 2022, 66, e0210921.	1.4	8
2	Targeting eIF4F translation initiation complex with SBI-756 sensitises B lymphoma cells to venetoclax. British Journal of Cancer, 2021, 124, 1098-1109.	2.9	13
3	Discovery of Orally Bioavailable Purine-Based Inhibitors of the Low-Molecular-Weight Protein Tyrosine Phosphatase. Journal of Medicinal Chemistry, 2021, 64, 5645-5653.	2.9	11
4	Optimization of a urea-containing series of nicotinamide phosphoribosyltransferase (NAMPT) activators. Bioorganic and Medicinal Chemistry Letters, 2021, 41, 128007.	1.0	11
5	Discovery of 1-[2-(1-methyl-1H-pyrazol-5-yl)-[1,2,4]triazolo[1,5-a]pyridin-6-yl]-3-(pyridin-4-ylmethyl)urea as a potent NAMPT (nicotinamide phosphoribosyltransferase) activator with attenuated CYP inhibition. Bioorganic and Medicinal Chemistry Letters, 2021, 43, 128048.	1.0	8
6	Chronic Kidney Disease-Induced Arterial Media Calcification in Rats Prevented by Tissue Non-Specific Alkaline Phosphatase Substrate Supplementation Rather Than Inhibition of the Enzyme. Pharmaceutics, 2021, 13, 1138.	2.0	7
7	The Compound SBI-0090799 Inhibits Zika Virus Infection by Blocking De Novo Formation of the Membranous Replication Compartment. Journal of Virology, 2021, 95, e0099621.	1.5	11
8	Serine-Threonine Kinase TAO3-Mediated Trafficking of Endosomes Containing the Invadopodia Scaffold TKS5Î± Promotes Cancer Invasion and Tumor Growth. Cancer Research, 2021, 81, 1472-1485.	0.4	10
9	Discovery of DS68702229 as a Potent, Orally Available NAMPT (Nicotinamide) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 422 Td (Ph	0.6	6
10	Inhibition of tissueâ€nonspecific alkaline phosphatase protects against medial arterial calcification and improves survival probability in the CKDâ€MBD mouse model. Journal of Pathology, 2020, 250, 30-41.	2.1	45
11	Discovery of small molecule antagonists of chemokine receptor CXCR6 that arrest tumor growth in SK-HEP-1 mouse xenografts as a model of hepatocellular carcinoma. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 126899.	1.0	12
12	Loss of tissue-nonspecific alkaline phosphatase (TNAP) enzyme activity in cerebral microvessels is coupled to persistent neuroinflammation and behavioral deficits in late sepsis. Brain, Behavior, and Immunity, 2020, 84, 115-131.	2.0	13
13	P1237TISSUE-NONSPECIFIC ALKALINE PHOSPHATASE, A CULPRIT DURING ARTERIAL MEDIA CALCIFICATION BUT INDISPENSABLE DURING PHYSIOLOGICAL BONE FORMATION/-MINERALIZATION IN RATS. Nephrology Dialysis Transplantation, 2020, 35, .	0.4	0
14	Î²-Arrestin-Biased Allosteric Modulator of NTSR1 Selectively Attenuates Addictive Behaviors. Cell, 2020, 181, 1364-1379.e14.	13.5	74
15	Pharmacological TNAP inhibition efficiently inhibits arterial media calcification in a warfarin rat model but deserves careful consideration of potential physiological bone formation/mineralization impairment. Bone, 2020, 137, 115392.	1.4	21
16	Targeting tumor phenotypic plasticity and metabolic remodeling in adaptive cross-drug tolerance. Science Signaling, 2019, 12, .	1.6	52
17	Discovery of Î²-Arrestin Biased, Orally Bioavailable, and CNS Penetrant Neurotensin Receptor 1 (NTR1) Allosteric Modulators. Journal of Medicinal Chemistry, 2019, 62, 8357-8363.	2.9	22
18	Boosting NAD+ with a small molecule that activates NAMPT. Nature Communications, 2019, 10, 3241.	5.8	106

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19	Glucose 6-phosphate dehydrogenase 6-phosphogluconolactonase: characterization of the Plasmodium vivax enzyme and inhibitor studies. Malaria Journal, 2019, 18, 22.	0.8	15
20	Identification and characterization of small molecule inhibitors of the ubiquitin ligases Siah1/2 in melanoma and prostate cancer cells. Cancer Letters, 2019, 449, 145-162.	3.2	16
21	Systemic inhibition of tissue-nonspecific alkaline phosphatase alters the brain-immune axis in experimental sepsis. Scientific Reports, 2019, 9, 18788.	1.6	20
22	Inhibition of Tissue-Nonspecific Alkaline Phosphatase Attenuates Ectopic Mineralization in the Abcc6 Mouse Model of PXE but Not in the Enpp1 Mutant Mouse Models of GACI. Journal of Investigative Dermatology, 2019, 139, 360-368.	0.3	46
23	Discovery of 5-((5-chloro-2-methoxyphenyl)sulfonamido)nicotinamide (SBI-425), a potent and orally bioavailable tissue-nonspecific alkaline phosphatase (TNAP) inhibitor. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 31-34.	1.0	32
24	Accelerated Aging and Clearance of Host Anti-inflammatory Enzymes by Discrete Pathogens Fuels Sepsis. Cell Host and Microbe, 2018, 24, 500-513.e5.	5.1	38
25	Repurposing antimalarial aminoquinolines and related compounds for treatment of retinal neovascularization. PLoS ONE, 2018, 13, e0202436.	1.1	11
26	Accelerated bottom-up drug design platform enables the discovery of novel stearoyl-CoA desaturase 1 inhibitors for cancer therapy. Oncotarget, 2018, 9, 3-20.	0.8	35
27	Arylmethylamino steroids as antiparasitic agents. Nature Communications, 2017, 8, 14478.	5.8	36
28	Capzimin is a potent and specific inhibitor of proteasome isopeptidase Rpn11. Nature Chemical Biology, 2017, 13, 486-493.	3.9	117
29	Characterization of the Zika virus two-component NS2B-NS3 protease and structure-assisted identification of allosteric small-molecule antagonists. Antiviral Research, 2017, 143, 218-229.	1.9	104
30	High-throughput screening and bioinformatic analysis to ascertain compounds that prevent saturated fatty acid-induced Î²-cell apoptosis. Biochemical Pharmacology, 2017, 138, 140-149.	2.0	22
31	TGR5 contributes to hepatic cystogenesis in rodents with polycystic liver diseases through cyclic adenosine monophosphate/Gl±s signaling. Hepatology, 2017, 66, 1197-1218.	3.6	46
32	Ectopic calcification in pseudoxanthoma elasticum responds to inhibition of tissue-nonspecific alkaline phosphatase. Science Translational Medicine, 2017, 9, .	5.8	83
33	Diabetes reversal by inhibition of the low-molecular-weight tyrosine phosphatase. Nature Chemical Biology, 2017, 13, 624-632.	3.9	56
34	Overexpression of tissue-nonspecific alkaline phosphatase (TNAP) in endothelial cells accelerates coronary artery disease in a mouse model of familial hypercholesterolemia. PLoS ONE, 2017, 12, e0186426.	1.1	44
35	A screen for inducers of bHLH activity identifies pitavastatin as a regulator of p21, Rb phosphorylation and E2F target gene expression in pancreatic cancer. Oncotarget, 2017, 8, 53154-53167.	0.8	14
36	ML314: A Biased Neurotensin Receptor Ligand for Methamphetamine Abuse. ACS Chemical Biology, 2016, 11, 1880-1890.	1.6	33

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37	PPAR-Î´ is repressed in Huntington's disease, is required for normal neuronal function and can be targeted therapeutically. Nature Medicine, 2016, 22, 37-45.	15.2	88
38	Advancing Biological Understanding and Therapeutics Discovery with Small-Molecule Probes. Cell, 2015, 161, 1252-1265.	13.5	135
39	Benzodiazepinone Derivatives Protect against Endoplasmic Reticulum Stress-Mediated Cell Death in Human Neuronal Cell Lines. ACS Chemical Neuroscience, 2015, 6, 464-475.	1.7	13
40	Aberrant Lipid Metabolism in Anaplastic Thyroid Carcinoma Reveals Stearoyl CoA Desaturase 1 as a Novel Therapeutic Target. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E697-E709.	1.8	109
41	Discovery of ML358, a Selective Small Molecule Inhibitor of the SKN-1 Pathway Involved in Drug Detoxification and Resistance in Nematodes. ACS Chemical Biology, 2015, 10, 1871-1879.	1.6	9
42	SBI-0640756 Attenuates the Growth of Clinically Unresponsive Melanomas by Disrupting the eIF4F Translation Initiation Complex. Cancer Research, 2015, 75, 5211-5218.	0.4	28
43	Pathophysiological Role of Vascular Smooth Muscle Alkaline Phosphatase in Medial Artery Calcification. Journal of Bone and Mineral Research, 2015, 30, 824-836.	3.1	160
44	Discovery of Sulfonamidebenzamides as Selective Apoptotic CHOP Pathway Activators of the Unfolded Protein Response. ACS Medicinal Chemistry Letters, 2014, 5, 1278-1283.	1.3	19
45	Evidence That the DNA Endonuclease ARTEMIS also Has Intrinsic 5â€²-Exonuclease Activity. Journal of Biological Chemistry, 2014, 289, 7825-7834.	1.6	48
46	Imidazole-derived agonists for the neurotensin 1 receptor. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 262-267.	1.0	12
47	Identification of a selective inhibitor of murine intestinal alkaline phosphatase (ML260) by concurrent ultra-high throughput screening against human and mouse isozymes. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1000-1004.	1.0	6
48	Discovery of ML314, a Brain Penetrant Nonpeptidic Î²-Arrestin Biased Agonist of the Neurotensin NTR1 Receptor. ACS Medicinal Chemistry Letters, 2013, 4, 846-851.	1.3	35
49	Induction of Î²-cell replication by a synthetic HNF4Î± antagonist. Stem Cells, 2013, 31, 2396-2407.	1.4	10
50	Inhibition of melanoma development in the <scp>N</scp>ras^(Q61K)::<scp>I</scp>nk4a^{â^'/â^'} mouse model by the small molecule <scp>BI</scp>â€69A11. Pigment Cell and Melanoma Research, 2013, 26, 136-142.	1.5	18
51	Identification and Characterization of Novel Human Glucose-6-Phosphate Dehydrogenase Inhibitors. Journal of Biomolecular Screening, 2013, 18, 286-297.	2.6	51
52	Synthesis and physicochemical characterization of novel phenotypic probes targeting the nuclear factor-kappa B signaling pathway. Beilstein Journal of Organic Chemistry, 2013, 9, 900-907.	1.3	6
53	Inhibitors of Tissue-Nonspecific Alkaline Phosphatase (TNAP): From Hits to Leads. Methods in Molecular Biology, 2013, 1053, 85-101.	0.4	6
54	HNF4Î± Antagonists Discovered by a High-Throughput Screen for Modulators of the Human Insulin Promoter. Chemistry and Biology, 2012, 19, 806-818.	6.2	67

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55	High-Throughput Screening for Small-Molecule Inhibitors of Plasmodium falciparum Glucose-6-Phosphate Dehydrogenase 6-Phosphogluconolactonase. Journal of Biomolecular Screening, 2012, 17, 738-751.	2.6	29
56	Discovery of a Plasmodium falciparum Glucose-6-phosphate Dehydrogenase 6-phosphogluconolactonase Inhibitor (R,Z)-N-((1-Ethylpyrrolidin-2-yl)methyl)-2-(2-fluorobenzylidene)-3-oxo-3,4-dihydro-2H-benzo[b][1,4]th (ML276) That Reduces Parasite Growth in Vitro. Journal of Medicinal Chemistry, 2012, 55, 7262-7272.	2.9	32
57	Discovery of 4-oxo-6-((pyrimidin-2-ylthio)methyl)-4H-pyran-3-yl 4-nitrobenzoate (ML221) as a functional antagonist of the apelin (APJ) receptor. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 6656-6660.	1.0	50
58	Highâ€throughput screening for Plasmodium falciparum glucoseâ€6â€phosphate dehydrogenaseâ€6â€phosphogluconolactonase inhibitors. FASEB Journal, 2012, 26, 964.2.	0.2	0
59	Chemical Biology Strategy Reveals Cell Lineage- and Cell Differentiation-Specific Small Molecule Inhibitors of NF-ºB.. Blood, 2012, 120, 2421-2421.	0.6	0
60	Discovery and Characterization of Chemical Inhibitors of UBC13.. Blood, 2012, 120, 2950-2950.	0.6	0
61	Recent Progress in the Synthesis and Characterization of Group II Metabotropic Glutamate Receptor Allosteric Modulators. ACS Chemical Neuroscience, 2011, 2, 382-393.	1.7	46
62	6-Benzylamino 4-oxo-1,4-dihydro-1,8-naphthyridines and 4-oxo-1,4-dihydroquinolines as HIV integrase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 760-763.	1.0	23
63	Synthesis and SAR of 2-aryl-3-aminomethylquinolines as agonists of the bile acid receptor TGR5. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 5718-5721.	1.0	50
64	Imidazole based kinesin spindle protein inhibitors. Expert Opinion on Therapeutic Patents, 2007, 17, 875-878.	2.4	0
65	Diaryl substituted pyrazoles as potent CCR2 receptor antagonists. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 807-813.	1.0	32
66	Synthesis and SAR of thiophene containing kinesin spindle protein (KSP) inhibitors. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 3562-3569.	1.0	39
67	Pyrimidine Methyl Anilines: Selective Potentiators for the Metabotropic Glutamate 2 Receptor. ChemInform, 2005, 36, no.	0.1	0
68	Allosteric Potentiators of the Metabotropic Glutamate Receptor 2 (mGlu2). Part 1. Identification and Synthesis of Phenyl-tetrazolyl Acetophenones.. ChemInform, 2005, 36, no.	0.1	0
69	Allosteric Potentiators of the Metabotropic Glutamate Receptor 2 (mGlu2). Part 3. Identification and Biological Activity of Indanone Containing mGlu2 Receptor Potentiators.. ChemInform, 2005, 36, no.	0.1	0
70	Allosteric potentiators of the metabotropic glutamate receptor 2 (mGlu2). Part 3: Identification and biological activity of indanone containing mGlu2 receptor potentiators. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 1565-1571.	1.0	53
71	3-(2-Ethoxy-4-{4-[3-hydroxy-2-methyl-4-(3-methylbutanoyl)phenoxy]butoxy}phenyl)propanoic acid: a brain penetrant allosteric potentiator at the metabotropic glutamate receptor 2 (mGluR2). Bioorganic and Medicinal Chemistry Letters, 2005, 15, 2389-2393.	1.0	29
72	Stereocontrolled Total Synthesis of (+)-Streptazolin by a Palladium-Catalyzed Reductive Diyne Cyclization. Angewandte Chemie - International Edition, 2004, 43, 4327-4329.	7.2	96

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73	Pyrimidine methyl anilines: selective potentiators for the metabotropic glutamate 2 receptor. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 5071-5074.	1.0	15
74	Allosteric potentiators of the metabotropic glutamate receptor 2 (mGlu2). Part 1: Identification and synthesis of phenyl-tetrazolyl acetophenones. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 5329-5332.	1.0	34
75	Allosteric potentiators of the metabotropic glutamate receptor 2 (mGlu2). Part 2: 4-Thiopyridyl acetophenones as non-tetrazole containing mGlu2 receptor potentiators. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 5867-5872.	1.0	26
76	Phenyl-tetrazolyl Acetophenones:Â Discovery of Positive Allosteric Potentiatiors for the Metabotropic Glutamate 2 Receptor. Journal of Medicinal Chemistry, 2004, 47, 4595-4599.	2.9	54
77	Pharmacological Characterization and Identification of Amino Acids Involved in the Positive Modulation of Metabotropic Glutamate Receptor Subtype 2. Molecular Pharmacology, 2003, 64, 798-810.	1.0	162
78	Group II mGlu Receptor Activation Suppresses Norepinephrine Release in the Ventral Hippocampus and Locomotor Responses to Acute Ketamine Challenge. Neuropsychopharmacology, 2003, 28, 1622-1632.	2.8	88
79	Formation of Vinyl Halides via a Ruthenium-Catalyzed Three-Component Coupling. Journal of the American Chemical Society, 2002, 124, 7376-7389.	6.6	46
80	Synthesis of 1,1-Disubstituted Alkenes via a Ru-Catalyzed Addition. Journal of the American Chemical Society, 2001, 123, 12504-12509.	6.6	65
81	Non-Metathesis Ruthenium-Catalyzed Câ^'C Bond Formation. Chemical Reviews, 2001, 101, 2067-2096.	23.0	756
82	Ruthenium-Catalyzed Two-Component Addition To Form 1,3-Dienes:â€‰ Optimization, Scope, Applications, and Mechanism. Journal of the American Chemical Society, 2001, 123, 12466-12476.	6.6	100
83	A Three-Component Coupling Approach to Cyclopentanoids. Journal of Organic Chemistry, 2001, 66, 7714-7722.	1.7	38
84	A Mechanistic Dichotomy Leading to a Ruthenium-Catalyzedcis-Addition for Stereoselective Formation of (Z)-Vinyl Bromides. Angewandte Chemie - International Edition, 2000, 39, 360-362.	7.2	49
85	Enhanced geometrical control in a Ru-catalyzed three component coupling. Tetrahedron Letters, 2000, 41, 9627-9631.	0.7	12
86	Syntheses of nido-9,11-X2-7,8-C2B9H10â^' anions (X=Cl, Br or I) and the synthesis and structural characterization of N(C2H5)4[commo-3,3â€²-Co(4,7-Br2-3,1,2-CoC2B9H9)2]. Polyhedron, 2000, 19, 1777-1781.	1.0	31
87	A Ruthenium-Catalyzed Pyrrolidine and Piperidine Synthesis. Journal of the American Chemical Society, 2000, 122, 12007-12008.	6.6	60
88	A Ru-Catalyzed Four-Component Coupling. Journal of the American Chemical Society, 2000, 122, 8081-8082.	6.6	42
89	A New Strategy for Cyclopentenone Synthesis. Organic Letters, 2000, 2, 1601-1603.	2.4	32
90	Preparation of TADDOL Derivatives for New Applications. Organic Letters, 1999, 1, 55-58.	2.4	52

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91	A Ruthenium-Catalyzed Three-Component Coupling to FormE-Vinyl Chlorides. Journal of the American Chemical Society, 1999, 121, 1988-1989.	6.6	47
92	A Ruthenium-Catalyzed Alkylative Cycloetherification. Journal of the American Chemical Society, 1999, 121, 10842-10843.	6.6	54
93	A Ruthenium-Catalyzed Two-Component Addition To Form 1,3-Dienes. Journal of the American Chemical Society, 1999, 121, 4068-4069.	6.6	52
94	EXTRACTION OF CESIUM AND STRONTIUM INTO HYDROCARBON SOLVENTS USING TETRA-C-ALKYL COBALT DICARBOLLIDE. Solvent Extraction and Ion Exchange, 1995, 13, 813-827.	0.8	47
95	SORPTION BEHAVIOR OF PERTECHNETATE ON REILLEX(tm)-HPQ ANION EXCHANGE RESIN FROM NITRIC ACID SOLUTION. Solvent Extraction and Ion Exchange, 1994, 12, 239-259.	0.8	49