Cho Yeow Koh

List of Publications by Year
in descending order

34 papers	1,044 citations	471371 17 h-index	454834 30 g-index
34 all docs	34 docs citations	34 times ranked	1401 citing authors

#	Article	IF	Citations
1	A Factor XIa Inhibitor Engineered from Banded Krait Venom Toxin: Efficacy and Safety in Rodent Models of Arterial and Venous Thrombosis. Biomedicines, 2022, 10, 1679.	1.4	0
2	Natriuretic peptide analogues with distinct vasodilatory or renal activity: integrated effects in health and experimental heart failure. Cardiovascular Research, 2021, 117, 508-519.	1.8	6
3	Rapid Genomic Evolution Drives the Diversification of Male Reproductive Genes in Dung Beetles. Genome Biology and Evolution, 2021, 13, .	1.1	1
4	Efficacy and safety of next-generation tick transcriptome-derived direct thrombin inhibitors. Nature Communications, 2021, 12, 6912.	5.8	6
5	Omics Technologies for Profiling Toxin Diversity and Evolution in Snake Venom: Impacts on the Discovery of Therapeutic and Diagnostic Agents. Annual Review of Animal Biosciences, 2020, 8, 91-116.	3.6	24
6	Repurposed drug to the rescue of snakebite victims. Science Translational Medicine, 2020, 12, .	5.8	5
7	The Procoagulant Snake Venom Serine Protease Potentially Having a Dual, Blood Coagulation Factor V and X-Activating Activity. Toxins, 2020, 12, 358.	1.5	13
8	Snake venom three-finger toxins and their potential in drug development targeting cardiovascular diseases. Biochemical Pharmacology, 2020, 181, 114105.	2.0	23
9	Natural Inhibitors of Snake Venom Metalloproteinases. Australian Journal of Chemistry, 2020, 73, 277.	0.5	5
10	Exogenous Factors from Venomous and Hematophagous Animals in Drugs and Diagnostic Developments for Cardiovascular and Neurovascular Diseases. Cardiovascular & Hematological Disorders Drug Targets, 2019, 19, 90-94.	0.2	2
11	X-ray crystallographic analysis of time-dependent binding of guanidine hydrochloride to HEWL: First steps during protein unfolding. International Journal of Biological Macromolecules, 2019, 122, 903-913.	3.6	22
12	Biochemists' bliss: harnessing the power of snake toxins to treat cardiovascular diseases. Biochemist, 2019, 41, 10-14.	0.2	1
13	The First Intrinsic Tenase Complex Inhibitor with Serine Protease Structure Offers a New Perspective in Anticoagulant Therapy. Thrombosis and Haemostasis, 2018, 118, 1713-1728.	1.8	13
14	Toxins Are an Excellent Source of Therapeutic Agents against Cardiovascular Diseases. Seminars in Thrombosis and Hemostasis, 2018, 44, 691-706.	1.5	17
15	Leishmania donovani tyrosyl-tRNA synthetase structure in complex with a tyrosyl adenylate analog and comparisons with human and protozoan counterparts. Biochimie, 2017, 138, 124-136.	1.3	13
16	Avathrin: a novel thrombin inhibitor derived from a multicopy precursor in the salivary glands of the ixodid tick,Amblyomma variegatum. FASEB Journal, 2017, 31, 2981-2995.	0.2	14
17	Metalloproteases Affecting Blood Coagulation, Fibrinolysis and Platelet Aggregation from Snake Venoms: Definition and Nomenclature of Interaction Sites. Toxins, 2016, 8, 284.	1.5	119
18	Structure-guided design of novel Trypanosoma brucei Methionyl-tRNA synthetase inhibitors. European Journal of Medicinal Chemistry, 2016, 124, 1081-1092.	2.6	25

#	Article	IF	Citations
19	5-Fluoroimidazo[4,5-b]pyridine Is a Privileged Fragment That Conveys Bioavailability to Potent Trypanosomal Methionyl-tRNA Synthetase Inhibitors. ACS Infectious Diseases, 2016, 2, 399-404.	1.8	28
20	A binding hotspot inTrypanosoma cruzihistidyl-tRNA synthetase revealed by fragment-based crystallographic cocktail screens. Acta Crystallographica Section D: Biological Crystallography, 2015, 71, 1684-1698.	2.5	19
21	Identification of Potent Inhibitors of the Trypanosoma brucei Methionyl-tRNA Synthetase via High-Throughput Orthogonal Screening. Journal of Biomolecular Screening, 2015, 20, 122-130.	2.6	35
22	Structures of Trypanosoma brucei Methionyl-tRNA Synthetase with Urea-Based Inhibitors Provide Guidance for Drug Design against Sleeping Sickness. PLoS Neglected Tropical Diseases, 2014, 8, e2775.	1.3	37
23	Comparison of histidine recognition in human and trypanosomatid histidyl-tRNA synthetases. Biochimie, 2014, 106, 111-120.	1.3	11
24	Crystal structures of Plasmodium falciparum cytosolic tryptophanyl-tRNA synthetase and its potential as a target for structure-guided drug design. Molecular and Biochemical Parasitology, 2013, 189, 26-32.	0.5	27
25	Urea-Based Inhibitors of Trypanosoma brucei Methionyl-tRNA Synthetase: Selectivity and in Vivo Characterization. Journal of Medicinal Chemistry, 2012, 55, 6342-6351.	2.9	60
26	Distinct States of Methionyl-tRNA Synthetase Indicate Inhibitor Binding by Conformational Selection. Structure, 2012, 20, 1681-1691.	1.6	69
27	From snake venom toxins to therapeutics â€“ Cardiovascular examples. Toxicon, 2012, 59, 497-506.	0.8	183
28	Crystal Structure of Thrombin in Complex with S-Variegin: Insights of a Novel Mechanism of Inhibition and Design of Tunable Thrombin Inhibitors. PLoS ONE, 2011, 6, e26367.	1.1	40
29	Thrombin Inhibitors from Haematophagous Animals. , 2010, , 239-254.		2
30	Tiny Ticks are Vast Sources of Antihaemostatic Factors. , 2010, , 113-130.		2
31	Noncompetitive Inhibitor of Thrombin. ChemBioChem, 2009, 10, 2155-2158.	1.3	12
32	Molecular diversity of anticoagulants from haematophagous animals. Thrombosis and Haemostasis, 2009, 102, 437-453.	1.8	83
33	Anticoagulants from hematophagous animals. Expert Review of Hematology, 2008, 1, 135-139.	1.0	31
34	Variegin, a Novel Fast and Tight Binding Thrombin Inhibitor from the Tropical Bont Tick. Journal of Biological Chemistry, 2007, 282, 29101-29113.	1.6	96