

Cho Yeow Koh

List of Publications by Year in descending order

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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	From snake venom toxins to therapeutics – Cardiovascular examples. <i>Toxicon</i> , 2012, 59, 497-506.	0.8	183
2	Metalloproteases Affecting Blood Coagulation, Fibrinolysis and Platelet Aggregation from Snake Venoms: Definition and Nomenclature of Interaction Sites. <i>Toxins</i> , 2016, 8, 284.	1.5	119
3	Variegain, a Novel Fast and Tight Binding Thrombin Inhibitor from the Tropical Bont Tick. <i>Journal of Biological Chemistry</i> , 2007, 282, 29101-29113.	1.6	96
4	Molecular diversity of anticoagulants from haematophagous animals. <i>Thrombosis and Haemostasis</i> , 2009, 102, 437-453.	1.8	83
5	Distinct States of Methionyl-tRNA Synthetase Indicate Inhibitor Binding by Conformational Selection. <i>Structure</i> , 2012, 20, 1681-1691.	1.6	69
6	Urea-Based Inhibitors of <i>Trypanosoma brucei</i> Methionyl-tRNA Synthetase: Selectivity and in Vivo Characterization. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 6342-6351.	2.9	60
7	Crystal Structure of Thrombin in Complex with S-Variegain: Insights of a Novel Mechanism of Inhibition and Design of Tunable Thrombin Inhibitors. <i>PLoS ONE</i> , 2011, 6, e26367.	1.1	40
8	Structures of <i>Trypanosoma brucei</i> Methionyl-tRNA Synthetase with Urea-Based Inhibitors Provide Guidance for Drug Design against Sleeping Sickness. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2775.	1.3	37
9	Identification of Potent Inhibitors of the <i>Trypanosoma brucei</i> Methionyl-tRNA Synthetase via High-Throughput Orthogonal Screening. <i>Journal of Biomolecular Screening</i> , 2015, 20, 122-130.	2.6	35
10	Anticoagulants from hematophagous animals. <i>Expert Review of Hematology</i> , 2008, 1, 135-139.	1.0	31
11	5-Fluoroimidazo[4,5- <i>b</i>]pyridine Is a Privileged Fragment That Conveys Bioavailability to Potent Trypanosomal Methionyl-tRNA Synthetase Inhibitors. <i>ACS Infectious Diseases</i> , 2016, 2, 399-404.	1.8	28
12	Crystal structures of <i>Plasmodium falciparum</i> cytosolic tryptophanyl-tRNA synthetase and its potential as a target for structure-guided drug design. <i>Molecular and Biochemical Parasitology</i> , 2013, 189, 26-32.	0.5	27
13	Structure-guided design of novel <i>Trypanosoma brucei</i> Methionyl-tRNA synthetase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2016, 124, 1081-1092.	2.6	25
14	Omics Technologies for Profiling Toxin Diversity and Evolution in Snake Venom: Impacts on the Discovery of Therapeutic and Diagnostic Agents. <i>Annual Review of Animal Biosciences</i> , 2020, 8, 91-116.	3.6	24
15	Snake venom three-finger toxins and their potential in drug development targeting cardiovascular diseases. <i>Biochemical Pharmacology</i> , 2020, 181, 114105.	2.0	23
16	X-ray crystallographic analysis of time-dependent binding of guanidine hydrochloride to HEWL: First steps during protein unfolding. <i>International Journal of Biological Macromolecules</i> , 2019, 122, 903-913.	3.6	22
17	A binding hotspot in <i>Trypanosoma cruzi</i> histidyl-tRNA synthetase revealed by fragment-based crystallographic cocktail screens. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 1684-1698.	2.5	19
18	Toxins Are an Excellent Source of Therapeutic Agents against Cardiovascular Diseases. <i>Seminars in Thrombosis and Hemostasis</i> , 2018, 44, 691-706.	1.5	17

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19	Avathrin: a novel thrombin inhibitor derived from a multicopy precursor in the salivary glands of the ixodid tick, <i>Amblyomma variegatum</i> . <i>FASEB Journal</i> , 2017, 31, 2981-2995.	0.2	14
20	<i>Leishmania donovani</i> tyrosyl-tRNA synthetase structure in complex with a tyrosyl adenylate analog and comparisons with human and protozoan counterparts. <i>Biochimie</i> , 2017, 138, 124-136.	1.3	13
21	The First Intrinsic Tenase Complex Inhibitor with Serine Protease Structure Offers a New Perspective in Anticoagulant Therapy. <i>Thrombosis and Haemostasis</i> , 2018, 118, 1713-1728.	1.8	13
22	The Procoagulant Snake Venom Serine Protease Potentially Having a Dual, Blood Coagulation Factor V and X-Activating Activity. <i>Toxins</i> , 2020, 12, 358.	1.5	13
23	Noncompetitive Inhibitor of Thrombin. <i>ChemBioChem</i> , 2009, 10, 2155-2158.	1.3	12
24	Comparison of histidine recognition in human and trypanosomatid histidyl-tRNA synthetases. <i>Biochimie</i> , 2014, 106, 111-120.	1.3	11
25	Natriuretic peptide analogues with distinct vasodilatory or renal activity: integrated effects in health and experimental heart failure. <i>Cardiovascular Research</i> , 2021, 117, 508-519.	1.8	6
26	Efficacy and safety of next-generation tick transcriptome-derived direct thrombin inhibitors. <i>Nature Communications</i> , 2021, 12, 6912.	5.8	6
27	Repurposed drug to the rescue of snakebite victims. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	5
28	Natural Inhibitors of Snake Venom Metalloproteinases. <i>Australian Journal of Chemistry</i> , 2020, 73, 277.	0.5	5
29	Exogenous Factors from Venomous and Hematophagous Animals in Drugs and Diagnostic Developments for Cardiovascular and Neurovascular Diseases. <i>Cardiovascular & Hematological Disorders Drug Targets</i> , 2019, 19, 90-94.	0.2	2
30	Thrombin Inhibitors from Haematophagous Animals. , 2010, , 239-254.		2
31	Tiny Ticks are Vast Sources of Antihaemostatic Factors. , 2010, , 113-130.		2
32	Rapid Genomic Evolution Drives the Diversification of Male Reproductive Genes in Dung Beetles. <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	1
33	Biochemists' bliss: harnessing the power of snake toxins to treat cardiovascular diseases. <i>Biochemist</i> , 2019, 41, 10-14.	0.2	1
34	A Factor XIa Inhibitor Engineered from Banded Krait Venom Toxin: Efficacy and Safety in Rodent Models of Arterial and Venous Thrombosis. <i>Biomedicines</i> , 2022, 10, 1679.	1.4	0