

Andreas Hougaard Laustsen-Kiel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/918157/publications.pdf>

Version: 2024-02-01

70
papers

2,516
citations

172457

29
h-index

214800

47
g-index

85
all docs

85
docs citations

85
times ranked

1656
citing authors

#	ARTICLE	IF	CITATIONS
1	Causes and Consequences of Snake Venom Variation. Trends in Pharmacological Sciences, 2020, 41, 570-581.	8.7	185
2	Basics of Antibody Phage Display Technology. Toxins, 2018, 10, 236.	3.4	142
3	Pros and cons of different therapeutic antibody formats for recombinant antivenom development. Toxicon, 2018, 146, 151-175.	1.6	125
4	Bee Updated: Current Knowledge on Bee Venom and Bee Envenoming Therapy. Frontiers in Immunology, 2019, 10, 2090.	4.8	104
5	Unveiling the nature of black mamba (<i>Dendroaspis polylepis</i>) venom through venomomics and antivenom immunoprofiling: Identification of key toxin targets for antivenom development. Journal of Proteomics, 2015, 119, 126-142.	2.4	102
6	From Fangs to Pharmacology: The Future of Snakebite Envenoming Therapy. Current Pharmaceutical Design, 2016, 22, 5270-5293.	1.9	101
7	Exploring the venom of the forest cobra snake: Toxicovenomics and antivenom profiling of <i>Naja melanoleuca</i> . Journal of Proteomics, 2017, 150, 98-108.	2.4	85
8	History of Envenoming Therapy and Current Perspectives. Frontiers in Immunology, 2019, 10, 1598.	4.8	77
9	Selecting key toxins for focused development of elapid snake antivenoms and inhibitors guided by a Toxicity Score. Toxicon, 2015, 104, 43-45.	1.6	75
10	Animal Immunization, in Vitro Display Technologies, and Machine Learning for Antibody Discovery. Trends in Biotechnology, 2021, 39, 1263-1273.	9.3	74
11	In vivo neutralization of dendrotoxin-mediated neurotoxicity of black mamba venom by oligoclonal human IgG antibodies. Nature Communications, 2018, 9, 3928.	12.8	73
12	Toxicovenomics and antivenom profiling of the Eastern green mamba snake (<i>Dendroaspis angusticeps</i>) Tj ETQq0 0,0,rgBT /Overlock 10	2.4	70
13	Biosynthetic Oligoclonal Antivenom (BOA) for Snakebite and Next-Generation Treatments for Snakebite Victims. Toxins, 2018, 10, 534.	3.4	64
14	Recombinant snakebite antivenoms: A cost-competitive solution to a neglected tropical disease?. PLoS Neglected Tropical Diseases, 2017, 11, e0005361.	3.0	64
15	Scorpion Venom: Detriments and Benefits. Biomedicines, 2020, 8, 118.	3.2	62
16	Advances in antibody phage display technology. Drug Discovery Today, 2022, 27, 2151-2169.	6.4	62
17	Snake venomomics of monocled cobra (<i>Naja kaouthia</i>) and investigation of human IgG response against venom toxins. Toxicon, 2015, 99, 23-35.	1.6	60
18	Innovative Immunization Strategies for Antivenom Development. Toxins, 2018, 10, 452.	3.4	58

#	ARTICLE	IF	CITATIONS
19	Biotechnological Trends in Spider and Scorpion Antivenom Development. <i>Toxins</i> , 2016, 8, 226.	3.4	55
20	Snakebite Envenoming Diagnosis and Diagnostics. <i>Frontiers in Immunology</i> , 2021, 12, 661457.	4.8	46
21	Recent Advances in Next Generation Snakebite Antivenoms. <i>Tropical Medicine and Infectious Disease</i> , 2018, 3, 42.	2.3	45
22	Guiding recombinant antivenom development by omics technologies. <i>New Biotechnology</i> , 2018, 45, 19-27.	4.4	44
23	Toxin synergism in snake venoms. <i>Toxin Reviews</i> , 2016, 35, 165-170.	3.4	43
24	Engineering and design considerations for next-generation snakebite antivenoms. <i>Toxicon</i> , 2019, 167, 67-75.	1.6	43
25	Danger in the reef: Proteome, toxicity, and neutralization of the venom of the olive sea snake, <i>Aipysurus laevis</i> . <i>Toxicon</i> , 2015, 107, 187-196.	1.6	38
26	Current Knowledge on Snake Dry Bites. <i>Toxins</i> , 2020, 12, 668.	3.4	34
27	An in vitro methodology for discovering broadly-neutralizing monoclonal antibodies. <i>Scientific Reports</i> , 2020, 10, 10765.	3.3	34
28	High-throughput immuno-profiling of mamba (<i>Dendroaspis</i>) venom toxin epitopes using high-density peptide microarrays. <i>Scientific Reports</i> , 2016, 6, 36629.	3.3	33
29	Antibody Cross-Reactivity in Antivenom Research. <i>Toxins</i> , 2018, 10, 393.	3.4	33
30	Exploration of immunoglobulin transcriptomes from mice immunized with three-finger toxins and phospholipases A ₂ from the Central American coral snake, <i>Micrurus nigrocinctus</i> . <i>PeerJ</i> , 2017, 5, e2924.	2.0	32
31	Toxin Neutralization Using Alternative Binding Proteins. <i>Toxins</i> , 2019, 11, 53.	3.4	30
32	Unity Makes Strength: Exploring Intraspecies and Interspecies Toxin Synergism between Phospholipases A ₂ and Cytotoxins. <i>Frontiers in Pharmacology</i> , 2020, 11, 611.	3.5	29
33	Cost of Manufacturing for Recombinant Snakebite Antivenoms. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 703.	4.1	26
34	Novel Snakebite Therapeutics Must Be Tested in Appropriate Rescue Models to Robustly Assess Their Preclinical Efficacy. <i>Toxins</i> , 2020, 12, 528.	3.4	24
35	Snakebites: costing recombinant antivenoms. <i>Nature</i> , 2016, 538, 41-41.	27.8	23
36	How can monoclonal antibodies be harnessed against neglected tropical diseases and other infectious diseases?. <i>Expert Opinion on Drug Discovery</i> , 2019, 14, 1103-1112.	5.0	23

#	ARTICLE	IF	CITATIONS
37	Clinical management of snakebite envenoming: Future perspectives. <i>Toxicon</i> : X, 2021, 11, 100079.	2.9	22
38	<i>In vitro</i> discovery of a human monoclonal antibody that neutralizes lethality of cobra snake venom. <i>MAbs</i> , 2022, 14, .	5.2	22
39	Integrating Engineering, Manufacturing, and Regulatory Considerations in the Development of Novel Antivenoms. <i>Toxins</i> , 2018, 10, 309.	3.4	21
40	Cross-recognition of a pit viper (Crotalinae) polyspecific antivenom explored through high-density peptide microarray epitope mapping. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005768.	3.0	17
41	The rise of genomics in snake venom research: recent advances and future perspectives. <i>GigaScience</i> , 2022, 11, .	6.4	17
42	Toxin-centric development approach for next-generation antivenoms. <i>Toxicon</i> , 2018, 150, 195-197.	1.6	16
43	Strategies for Heterologous Expression, Synthesis, and Purification of Animal Venom Toxins. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 811905.	4.1	16
44	Peptide Inhibitors of the α -Cobratoxin–Nicotinic Acetylcholine Receptor Interaction. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 13709-13718.	6.4	15
45	Pitfalls to avoid when using phage display for snake toxins. <i>Toxicon</i> , 2017, 126, 79-89.	1.6	14
46	High-density peptide microarray exploration of the antibody response in a rabbit immunized with a neurotoxic venom fraction. <i>Toxicon</i> , 2017, 138, 151-158.	1.6	12
47	Protease Activity Profiling of Snake Venoms Using High-Throughput Peptide Screening. <i>Toxins</i> , 2019, 11, 170.	3.4	11
48	Terrestrial venomous animals, the envenomings they cause, and treatment perspectives in the Middle East and North Africa. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009880.	3.0	11
49	An interactive database for the investigation of high-density peptide microarray guided interaction patterns and antivenom cross-reactivity. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008366.	3.0	10
50	Snake Venomics Display: An online toolbox for visualization of snake venomics data. <i>Toxicon</i> , 2018, 152, 60-64.	1.6	9
51	Identification of cross-reactive human single-chain variable fragments against phospholipases A2 from <i>Lachesis muta</i> and <i>Bothrops</i> spp venoms. <i>Toxicon</i> , 2020, 184, 116-121.	1.6	8
52	<i>Crotalus Durissus Ruruima</i> : Current Knowledge on Natural History, Medical Importance, and Clinical Toxinology. <i>Frontiers in Immunology</i> , 2021, 12, 659515.	4.8	8
53	Discovery of a Recombinant Human Monoclonal Immunoglobulin G Antibody Against α -Latrotoxin From the Mediterranean Black Widow Spider (<i>Latrodectus tredecimguttatus</i>). <i>Frontiers in Immunology</i> , 2020, 11, 587825.	4.8	7
54	Editorial: Novel Immunotherapies Against Envenomings by Snakes and Other Venomous Animals. <i>Frontiers in Immunology</i> , 2020, 11, 1004.	4.8	7

#	ARTICLE	IF	CITATIONS
55	Unraveling the structure and function of CdcPDE: A novel phosphodiesterase from <i>Crotalus durissus collilineatus</i> snake venom. <i>International Journal of Biological Macromolecules</i> , 2021, 178, 180-192.	7.5	7
56	Genomic Confirmation of the P-IIIc Subclass of Snake Venom Metalloproteinases and Characterisation of Its First Member, a Disintegrin-Like/Cysteine-Rich Protein. <i>Toxins</i> , 2022, 14, 232.	3.4	6
57	Orally active bivalent VHH construct prevents proliferation of F4+ enterotoxigenic <i>Escherichia coli</i> in weaned piglets. <i>IScience</i> , 2022, 25, 104003.	4.1	6
58	Do Antibiotics Potentiate Proteases in Hemotoxic Snake Venoms?. <i>Toxins</i> , 2020, 12, 240.	3.4	5
59	Chronic kidney failure following lancehead bite envenoming: a clinical report from the Amazon region. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2020, 26, e20200083.	1.4	5
60	Synthetic antibodies block receptor binding and currentâ€inhibiting effects of Î±â€cobratoxin from <i>Naja kaouthia</i> . <i>Protein Science</i> , 2022, 31, e4296.	7.6	5
61	Black-necked spitting cobra (<i>Naja nigricollis</i>) phospholipases A2 may cause <i>Trypanosoma brucei</i> death by blocking endocytosis through the flagellar pocket. <i>Scientific Reports</i> , 2022, 12, 6394.	3.3	3
62	<i>In Vivo</i> Neutralization of Myotoxin II, a Phospholipase A ₂ Homologue from <i>Bothrops asper</i> Venom, Using Peptides Discovered via Phage Display Technology. <i>ACS Omega</i> , 2022, 7, 15561-15569.	3.5	3
63	The challenges with developing therapeutic monoclonal antibodies for pandemic application. <i>Expert Opinion on Drug Discovery</i> , 2022, 17, 5-8.	5.0	2
64	Discovery of human antibodies against forest cobra toxins. <i>Toxicon</i> , 2019, 158, S51-S52.	1.6	0
65	Design of scfab-based chimeric antibodies against <i>Bothrops asper</i> pi-metalloproteinase. <i>Toxicon</i> , 2019, 158, S41.	1.6	0
66	Harnessing phage display technology for discovery of human IgGs targeting clinically relevant toxins from the venom of the Central American coral snake (<i>Micrurus nigrocinctus</i>). <i>Toxicon</i> , 2019, 158, S45.	1.6	0
67	Harnessing human monoclonal antibodies for neutralisation of dendrotoxins in a murine model. <i>Toxicon</i> , 2019, 159, S14.	1.6	0
68	Recombinant antivenom against the venom of <i>Dendroaspis polylepis</i> . <i>Toxicon</i> , 2019, 158, S43.	1.6	0
69	Discovery of cross-reactive and recyclable human monoclonal antibodies for new recombinant antivenoms. <i>Toxicon</i> , 2020, 177, S38.	1.6	0
70	Discovery and evaluation of monoclonal antibodies for stratification of venoms from Brazilian <i>Bothrops</i> , <i>Crotalus</i> , and <i>Lachesis</i> species. <i>Toxicon</i> , 2020, 177, S38.	1.6	0