

Andreas Hougaard Laustsen-Kiel

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/918157/andreas-hougaard-laustsen-kiel-publications-by-year.pdf>
Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60 papers	1,402 citations	24 h-index	36 g-index
85 ext. papers	1,924 ext. citations	5.4 avg, IF	5.42 L-index

#	Paper	IF	Citations
60	Orally active bivalent VH construct prevents proliferation of F4 enterotoxigenic in weaned piglets.. <i>IScience</i> , 2022 , 25, 104003	6.1	1
59	Synthetic antibodies block receptor binding and current-inhibiting effects of Eobratotoxin from <i>Naja kaouthia</i> .. <i>Protein Science</i> , 2022 , 31, e4296	6.3	
58	Black-necked spitting cobra (<i>Naja nigricollis</i>) phospholipases A may cause <i>Trypanosoma brucei</i> death by blocking endocytosis through the flagellar pocket.. <i>Scientific Reports</i> , 2022 , 12, 6394	4.9	1
57	Neutralization of Myotoxin II, a Phospholipase A Homologue from Venom, Using Peptides Discovered via Phage Display Technology.. <i>ACS Omega</i> , 2022 , 7, 15561-15569	3.9	0
56	Advances in antibody phage display technology.. <i>Drug Discovery Today</i> , 2022 ,	8.8	4
55	Strategies for Heterologous Expression, Synthesis, and Purification of Animal Venom Toxins.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 811905	5.8	1
54	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	4.8	3
53	Animal Immunization, in Vitro Display Technologies, and Machine Learning for Antibody Discovery. <i>Trends in Biotechnology</i> , 2021 , 39, 1263-1273	15.1	25
52	Snakebite Envenoming Diagnosis and Diagnostics. <i>Frontiers in Immunology</i> , 2021 , 12, 661457	8.4	13
51	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	7.9	1
50	: Current Knowledge on Natural History, Medical Importance, and Clinical Toxinology. <i>Frontiers in Immunology</i> , 2021 , 12, 659515	8.4	2
49	Clinical management of snakebite envenoming: Future perspectives. <i>Toxicon: X</i> , 2021 , 11, 100079	2.6	3
48	The challenges with developing therapeutic monoclonal antibodies for pandemic application. <i>Expert Opinion on Drug Discovery</i> , 2021 , 1-4	6.2	1
47	Unity Makes Strength: Exploring Intraspecies and Interspecies Toxin Synergism between Phospholipases A and Cytotoxins. <i>Frontiers in Pharmacology</i> , 2020 , 11, 611	5.6	15
46	Scorpion Venom: Detriments and Benefits. <i>Biomedicines</i> , 2020 , 8,	4.8	18
45	Identification of cross-reactive human single-chain variable fragments against phospholipases A from <i>Lachesis muta</i> and <i>Bothrops</i> spp venoms. <i>Toxicon</i> , 2020 , 184, 116-121	2.8	4
44	Causes and Consequences of Snake Venom Variation. <i>Trends in Pharmacological Sciences</i> , 2020 , 41, 570-581	5.1	70

43	An in vitro methodology for discovering broadly-neutralizing monoclonal antibodies. <i>Scientific Reports</i> , 2020 , 10, 10765	4.9	14
42	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	4.8	4
41	Do Antibiotics Potentiate Proteases in Hemotoxic Snake Venoms?. <i>Toxins</i> , 2020 , 12,	4.9	4
40	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	2.2	3
39	Discovery of a Recombinant Human Monoclonal Immunoglobulin G Antibody Against α -Latrotoxin From the Mediterranean Black Widow Spider (<i>L. t. taurus</i>). <i>Frontiers in Immunology</i> , 2020 , 11, 587825	8.4	4
38	Cost of Manufacturing for Recombinant Snakebite Antivenoms. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 703	5.8	6
37	Peptide Inhibitors of the α -Cobratoxin-Nicotinic Acetylcholine Receptor Interaction. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 13709-13718	8.3	6
36	Current Knowledge on Snake Dry Bites. <i>Toxins</i> , 2020 , 12,	4.9	13
35	Novel Snakebite Therapeutics Must Be Tested in Appropriate Rescue Models to Robustly Assess Their Preclinical Efficacy. <i>Toxins</i> , 2020 , 12,	4.9	7
34	Bee Updated: Current Knowledge on Bee Venom and Bee Envenoming Therapy. <i>Frontiers in Immunology</i> , 2019 , 10, 2090	8.4	53
33	Toxin Neutralization Using Alternative Binding Proteins. <i>Toxins</i> , 2019 , 11,	4.9	17
32	Engineering and design considerations for next-generation snakebite antivenoms. <i>Toxicon</i> , 2019 , 167, 67-75	2.8	28
31	Protease Activity Profiling of Snake Venoms Using High-Throughput Peptide Screening. <i>Toxins</i> , 2019 , 11,	4.9	9
30	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	6.2	14
29	History of Envenoming Therapy and Current Perspectives. <i>Frontiers in Immunology</i> , 2019 , 10, 1598	8.4	39
28	Pros and cons of different therapeutic antibody formats for recombinant antivenom development. <i>Toxicon</i> , 2018 , 146, 151-175	2.8	74
27	Guiding recombinant antivenom development by omics technologies. <i>New Biotechnology</i> , 2018 , 45, 19-28	7.4	32
26	Snake Venomics Display: An online toolbox for visualization of snake venomics data. <i>Toxicon</i> , 2018 , 152, 60-64	2.8	7

25	Basics of Antibody Phage Display Technology. <i>Toxins</i> , 2018 , 10,	4.9	82
24	Recent Advances in Next Generation Snakebite Antivenoms. <i>Tropical Medicine and Infectious Disease</i> , 2018 , 3,	3.5	32
23	Innovative Immunization Strategies for Antivenom Development. <i>Toxins</i> , 2018 , 10,	4.9	33
22	Biosynthetic Oligoclonal Antivenom (BOA) for Snakebite and Next-Generation Treatments for Snakebite Victims. <i>Toxins</i> , 2018 , 10,	4.9	39
21	Antibody Cross-Reactivity in Antivenom Research. <i>Toxins</i> , 2018 , 10,	4.9	16
20	In vivo neutralization of dendrotoxin-mediated neurotoxicity of black mamba venom by oligoclonal human IgG antibodies. <i>Nature Communications</i> , 2018 , 9, 3928	17.4	44
19	Integrating Engineering, Manufacturing, and Regulatory Considerations in the Development of Novel Antivenoms. <i>Toxins</i> , 2018 , 10,	4.9	15
18	Toxin-centric development approach for next-generation antivenoms. <i>Toxicon</i> , 2018 , 150, 195-197	2.8	12
17	Pitfalls to avoid when using phage display for snake toxins. <i>Toxicon</i> , 2017 , 126, 79-89	2.8	7
16	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	2.8	12
15	Exploring the venom of the forest cobra snake: Toxicovenomics and antivenom profiling of <i>Naja melanoleuca</i> . <i>Journal of Proteomics</i> , 2017 , 150, 98-108	3.9	65
14	Recombinant snakebite antivenoms: A cost-competitive solution to a neglected tropical disease?. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005361	4.8	47
13	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	4.8	14
12	Exploration of immunoglobulin transcriptomes from mice immunized with three-finger toxins and phospholipases A from the Central American coral snake,. <i>PeerJ</i> , 2017 , 5, e2924	3.1	25
11	Toxin synergism in snake venoms. <i>Toxin Reviews</i> , 2016 , 35, 165-170	2.3	31
10	High-throughput immuno-profiling of mamba (<i>Dendroaspis</i>) venom toxin epitopes using high-density peptide microarrays. <i>Scientific Reports</i> , 2016 , 6, 36629	4.9	26
9	Toxicovenomics and antivenom profiling of the Eastern green mamba snake (<i>Dendroaspis angusticeps</i>). <i>Journal of Proteomics</i> , 2016 , 136, 248-61	3.9	55
8	From Fangs to Pharmacology: The Future of Snakebite Envenoming Therapy. <i>Current Pharmaceutical Design</i> , 2016 , 22, 5270-5293	3.3	74

7	Biotechnological Trends in Spider and Scorpion Antivenom Development. <i>Toxins</i> , 2016 , 8,	4.9	37
6	Snakebites: costing recombinant antivenoms. <i>Nature</i> , 2016 , 538, 41	50.4	17
5	Unveiling the nature of black mamba (<i>Dendroaspis polylepis</i>) venom through venomics and antivenom immunoprofiling: Identification of key toxin targets for antivenom development. <i>Journal of Proteomics</i> , 2015 , 119, 126-42	3.9	73
4	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, 187-96	2.8	32
3	Snake venomics of monocled cobra (<i>Naja kaouthia</i>) and investigation of human IgG response against venom toxins. <i>Toxicon</i> , 2015 , 99, 23-35	2.8	47
2	Selecting key toxins for focused development of elapid snake antivenoms and inhibitors guided by a Toxicity Score. <i>Toxicon</i> , 2015 , 104, 43-5	2.8	58
1	In vitro discovery and optimization of a human monoclonal antibody that neutralizes neurotoxicity and lethality of cobra snake venom		2