

# Andreas Hougaard Laustsen-Kiel

## List of Publications by Citations

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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	Basics of Antibody Phage Display Technology. <i>Toxins</i> , <b>2018</b> , 10,	4.9	82
59	Pros and cons of different therapeutic antibody formats for recombinant antivenom development. <i>Toxicon</i> , <b>2018</b> , 146, 151-175	2.8	74
58	From Fangs to Pharmacology: The Future of Snakebite Envenoming Therapy. <i>Current Pharmaceutical Design</i> , <b>2016</b> , 22, 5270-5293	3.3	74
57	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> , <b>2015</b> , 119, 126-42	3.9	73
56	Causes and Consequences of Snake Venom Variation. <i>Trends in Pharmacological Sciences</i> , <b>2020</b> , 41, 570-581	5.1	70
55	Exploring the venom of the forest cobra snake: Toxicovenomics and antivenom profiling of <i>Naja melanoleuca</i> . <i>Journal of Proteomics</i> , <b>2017</b> , 150, 98-108	3.9	65
54	Selecting key toxins for focused development of elapid snake antivenoms and inhibitors guided by a Toxicity Score. <i>Toxicon</i> , <b>2015</b> , 104, 43-5	2.8	58
53	Toxicovenomics and antivenom profiling of the Eastern green mamba snake ( <i>Dendroaspis angusticeps</i> ). <i>Journal of Proteomics</i> , <b>2016</b> , 136, 248-61	3.9	55
52	Bee Updated: Current Knowledge on Bee Venom and Bee Envenoming Therapy. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 2090	8.4	53
51	Snake venomics of monocled cobra ( <i>Naja kaouthia</i> ) and investigation of human IgG response against venom toxins. <i>Toxicon</i> , <b>2015</b> , 99, 23-35	2.8	47
50	Recombinant snakebite antivenoms: A cost-competitive solution to a neglected tropical disease?. <i>PLoS Neglected Tropical Diseases</i> , <b>2017</b> , 11, e0005361	4.8	47
49	In vivo neutralization of dendrotoxin-mediated neurotoxicity of black mamba venom by oligoclonal human IgG antibodies. <i>Nature Communications</i> , <b>2018</b> , 9, 3928	17.4	44
48	History of Envenoming Therapy and Current Perspectives. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1598	8.4	39
47	Biosynthetic Oligoclonal Antivenom (BOA) for Snakebite and Next-Generation Treatments for Snakebite Victims. <i>Toxins</i> , <b>2018</b> , 10,	4.9	39
46	Biotechnological Trends in Spider and Scorpion Antivenom Development. <i>Toxins</i> , <b>2016</b> , 8,	4.9	37
45	Innovative Immunization Strategies for Antivenom Development. <i>Toxins</i> , <b>2018</b> , 10,	4.9	33
44	Danger in the reef: Proteome, toxicity, and neutralization of the venom of the olive sea snake, <i>Aipysurus laevis</i> . <i>Toxicon</i> , <b>2015</b> , 107, 187-96	2.8	32

43	Guiding recombinant antivenom development by omics technologies. <i>New Biotechnology</i> , <b>2018</b> , 45, 19-27.	4	32
42	Recent Advances in Next Generation Snakebite Antivenoms. <i>Tropical Medicine and Infectious Disease</i> , <b>2018</b> , 3,	3.5	32
41	Toxin synergism in snake venoms. <i>Toxin Reviews</i> , <b>2016</b> , 35, 165-170	2.3	31
40	Engineering and design considerations for next-generation snakebite antivenoms. <i>Toxicon</i> , <b>2019</b> , 167, 67-75	2.8	28
39	High-throughput immuno-profiling of mamba ( <i>Dendroaspis</i> ) venom toxin epitopes using high-density peptide microarrays. <i>Scientific Reports</i> , <b>2016</b> , 6, 36629	4.9	26
38	Exploration of immunoglobulin transcriptomes from mice immunized with three-finger toxins and phospholipases A from the Central American coral snake,. <i>PeerJ</i> , <b>2017</b> , 5, e2924	3.1	25
37	Animal Immunization, in Vitro Display Technologies, and Machine Learning for Antibody Discovery. <i>Trends in Biotechnology</i> , <b>2021</b> , 39, 1263-1273	15.1	25
36	Scorpion Venom: Detriments and Benefits. <i>Biomedicines</i> , <b>2020</b> , 8,	4.8	18
35	Toxin Neutralization Using Alternative Binding Proteins. <i>Toxins</i> , <b>2019</b> , 11,	4.9	17
34	Snakebites: costing recombinant antivenoms. <i>Nature</i> , <b>2016</b> , 538, 41	50.4	17
33	Antibody Cross-Reactivity in Antivenom Research. <i>Toxins</i> , <b>2018</b> , 10,	4.9	16
32	Unity Makes Strength: Exploring Intraspecies and Interspecies Toxin Synergism between Phospholipases A and Cytotoxins. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 611	5.6	15
31	Integrating Engineering, Manufacturing, and Regulatory Considerations in the Development of Novel Antivenoms. <i>Toxins</i> , <b>2018</b> , 10,	4.9	15
30	An in vitro methodology for discovering broadly-neutralizing monoclonal antibodies. <i>Scientific Reports</i> , <b>2020</b> , 10, 10765	4.9	14
29	How can monoclonal antibodies be harnessed against neglected tropical diseases and other infectious diseases?. <i>Expert Opinion on Drug Discovery</i> , <b>2019</b> , 14, 1103-1112	6.2	14
28	Cross-recognition of a pit viper ( <i>Crotalinae</i> ) polyspecific antivenom explored through high-density peptide microarray epitope mapping. <i>PLoS Neglected Tropical Diseases</i> , <b>2017</b> , 11, e0005768	4.8	14
27	Current Knowledge on Snake Dry Bites. <i>Toxins</i> , <b>2020</b> , 12,	4.9	13
26	Snakebite Envenoming Diagnosis and Diagnostics. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 661457	8.4	13

25	High-density peptide microarray exploration of the antibody response in a rabbit immunized with a neurotoxic venom fraction. <i>Toxicon</i> , <b>2017</b> , 138, 151-158	2.8	12
24	Toxin-centric development approach for next-generation antivenoms. <i>Toxicon</i> , <b>2018</b> , 150, 195-197	2.8	12
23	Protease Activity Profiling of Snake Venoms Using High-Throughput Peptide Screening. <i>Toxins</i> , <b>2019</b> , 11,	4.9	9
22	Pitfalls to avoid when using phage display for snake toxins. <i>Toxicon</i> , <b>2017</b> , 126, 79-89	2.8	7
21	Snake Venomics Display: An online toolbox for visualization of snake venomics data. <i>Toxicon</i> , <b>2018</b> , 152, 60-64	2.8	7
20	Novel Snakebite Therapeutics Must Be Tested in Appropriate Rescue Models to Robustly Assess Their Preclinical Efficacy. <i>Toxins</i> , <b>2020</b> , 12,	4.9	7
19	Cost of Manufacturing for Recombinant Snakebite Antivenoms. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2020</b> , 8, 703	5.8	6
18	Peptide Inhibitors of the $\alpha$ Cobratoxin-Nicotinic Acetylcholine Receptor Interaction. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 13709-13718	8.3	6
17	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> , <b>2020</b> , 184, 116-121	2.8	4
16	An interactive database for the investigation of high-density peptide microarray guided interaction patterns and antivenom cross-reactivity. <i>PLoS Neglected Tropical Diseases</i> , <b>2020</b> , 14, e0008366	4.8	4
15	Do Antibiotics Potentiate Proteases in Hemotoxic Snake Venoms?. <i>Toxins</i> , <b>2020</b> , 12,	4.9	4
14	Discovery of a Recombinant Human Monoclonal Immunoglobulin G Antibody Against $\alpha$ Latrotoxin From the Mediterranean Black Widow Spider ( <i>L. t. t.</i> ). <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 587825	8.4	4
13	Advances in antibody phage display technology.. <i>Drug Discovery Today</i> , <b>2022</b> ,	8.8	4
12	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> , <b>2020</b> , 26, e20200083	2.2	3
11	Terrestrial venomous animals, the envenomings they cause, and treatment perspectives in the Middle East and North Africa. <i>PLoS Neglected Tropical Diseases</i> , <b>2021</b> , 15, e0009880	4.8	3
10	Clinical management of snakebite envenoming: Future perspectives. <i>Toxicon: X</i> , <b>2021</b> , 11, 100079	2.6	3
9	: Current Knowledge on Natural History, Medical Importance, and Clinical Toxinology. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 659515	8.4	2
8	In vitro discovery and optimization of a human monoclonal antibody that neutralizes neurotoxicity and lethality of cobra snake venom		2

7	Strategies for Heterologous Expression, Synthesis, and Purification of Animal Venom Toxins.. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2021</b> , 9, 811905	5.8	1
6	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> , <b>2021</b> , 178, 180-192	7.9	1
5	The challenges with developing therapeutic monoclonal antibodies for pandemic application. <i>Expert Opinion on Drug Discovery</i> , <b>2021</b> , 1-4	6.2	1
4	Orally active bivalent VH construct prevents proliferation of F4 enterotoxigenic in weaned piglets.. <i>IScience</i> , <b>2022</b> , 25, 104003	6.1	1
3	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> , <b>2022</b> , 12, 6394	4.9	1
2	Neutralization of Myotoxin II, a Phospholipase A Homologue from Venom, Using Peptides Discovered via Phage Display Technology.. <i>ACS Omega</i> , <b>2022</b> , 7, 15561-15569	3.9	0
1	Synthetic antibodies block receptor binding and current-inhibiting effects of Ecobrat toxin from <i>Naja kaouthia</i> .. <i>Protein Science</i> , <b>2022</b> , 31, e4296	6.3	