

# Sam Noppen

## List of Publications by Citations

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56

papers

1,816

citations

21

h-index

42

g-index

58

ext. papers

2,181

ext. citations

6.1

avg, IF

4.16

L-index

#	Paper	IF	Citations
56	Neutrophil extracellular trap cell death requires both autophagy and superoxide generation. <i>Cell Research</i> , <b>2011</b> , 21, 290-304	24.7	527
55	Citrullination of CXCL8 by peptidylarginine deiminase alters receptor usage, prevents proteolysis, and dampens tissue inflammation. <i>Journal of Experimental Medicine</i> , <b>2008</b> , 205, 2085-97	16.6	145
54	Colocalization analysis in fluorescence micrographs: verification of a more accurate calculation of Pearson's correlation coefficient. <i>Microscopy and Microanalysis</i> , <b>2010</b> , 16, 710-24	0.5	122
53	Synergy between coproduced CC and CXC chemokines in monocyte chemotaxis through receptor-mediated events. <i>Molecular Pharmacology</i> , <b>2008</b> , 74, 485-95	4.3	96
52	Angiostatic and chemotactic activities of the CXC chemokine CXCL4L1 (platelet factor-4 variant) are mediated by CXCR3. <i>Blood</i> , <b>2011</b> , 117, 480-8	2.2	77
51	Nucleoside-catabolizing enzymes in mycoplasma-infected tumor cell cultures compromise the cytostatic activity of the anticancer drug gemcitabine. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 13054-65	5.4	76
50	Hemozoin induces lung inflammation and correlates with malaria-associated acute respiratory distress syndrome. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2013</b> , 48, 589-600	5.7	66
49	Antivascular and antitumor properties of the tubulin-binding chalcone TUB091. <i>Oncotarget</i> , <b>2017</b> , 8, 14325-14342	3.3	37
48	Novel colchicine-site binders with a cyclohexanedione scaffold identified through a ligand-based virtual screening approach. <i>Journal of Medicinal Chemistry</i> , <b>2014</b> , 57, 3924-38	8.3	34
47	The COOH-terminal peptide of platelet factor-4 variant (CXCL4L1/PF-4var47-70) strongly inhibits angiogenesis and suppresses B16 melanoma growth in vivo. <i>Molecular Cancer Research</i> , <b>2010</b> , 8, 322-34	6.6	34
46	Truncation of CXCL12 by CD26 reduces its CXC chemokine receptor 4- and atypical chemokine receptor 3-dependent activity on endothelial cells and lymphocytes. <i>Biochemical Pharmacology</i> , <b>2017</b> , 132, 92-101	6	33
45	Sulfated Escherichia coli K5 polysaccharide derivatives inhibit dengue virus infection of human microvascular endothelial cells by interacting with the viral envelope protein E domain III. <i>PLoS ONE</i> , <b>2013</b> , 8, e74035	3.7	32
44	Broad anti-HIV activity of the <i>Oscillatoria agardhii</i> agglutinin homologue lectin family. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2014</b> , 69, 2746-58	5.1	29
43	Stimulation of angiostatic platelet factor-4 variant (CXCL4L1/PF-4var) versus inhibition of angiogenic granulocyte chemotactic protein-2 (CXCL6/GCP-2) in normal and tumoral mesenchymal cells. <i>Journal of Leukocyte Biology</i> , <b>2007</b> , 82, 1519-30	6.5	28
42	Hairpin oligonucleotides forming G-quadruplexes: new aptamers with anti-HIV activity. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 89, 51-8	6.8	26
41	Signal peptide-binding drug as a selective inhibitor of co-translational protein translocation. <i>PLoS Biology</i> , <b>2014</b> , 12, e1002011	9.7	26
40	CCL20, a direct-acting pro-angiogenic chemokine induced by hepatitis C virus (HCV): Potential role in HCV-related liver cancer. <i>Experimental Cell Research</i> , <b>2018</b> , 372, 168-177	4.2	26

39	Tryptophan dendrimers that inhibit HIV replication, prevent virus entry and bind to the HIV envelope glycoproteins gp120 and gp41. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 106, 34-43	6.8	25
38	High mannose-specific lectin Msl mediates key interactions of the vaginal <i>Lactobacillus plantarum</i> isolate CMPG5300. <i>Scientific Reports</i> , <b>2016</b> , 6, 37339	4.9	24
37	Antiviral Activity of Synthetic Aminopyrrolic Carbohydrate Binding Agents: Targeting the Glycans of Viral gp120 to Inhibit HIV Entry. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 10089-93	4.8	23
36	Influenza virus entry via the GM3 ganglioside-mediated platelet-derived growth factor receptor $\beta$ signalling pathway. <i>Journal of General Virology</i> , <b>2019</b> , 100, 583-601	4.9	21
35	Basic chemokine-derived glycosaminoglycan binding peptides exert antiviral properties against dengue virus serotype 2, herpes simplex virus-1 and respiratory syncytial virus. <i>Biochemical Pharmacology</i> , <b>2016</b> , 100, 73-85	6	20
34	The transcriptional repressor Kaiso localizes at the mitotic spindle and is a constituent of the pericentriolar material. <i>PLoS ONE</i> , <b>2010</b> , 5, e9203	3.7	20
33	Improved methods for haemozoin quantification in tissues yield organ-and parasite-specific information in malaria-infected mice. <i>Malaria Journal</i> , <b>2012</b> , 11, 166	3.6	19
32	Expression of angiostatic platelet factor-4var/CXCL4L1 counterbalances angiogenic impulses of vascular endothelial growth factor, interleukin-8/CXCL8, and stromal cell-derived factor 1/CXCL12 in esophageal and colorectal cancer. <i>Human Pathology</i> , <b>2010</b> , 41, 990-1001	3.7	18
31	An allosteric binding site of the $\alpha 5$ nicotinic acetylcholine receptor revealed in a humanized acetylcholine-binding protein. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 2534-2545	5.4	18
30	Interferon lambda (IFN- $\lambda$ ) efficiently blocks norovirus transmission in a mouse model. <i>Antiviral Research</i> , <b>2018</b> , 149, 7-15	10.8	17
29	Modulation of BACE1 Activity by Chemically Modified Aptamers. <i>ChemBioChem</i> , <b>2018</b> , 19, 754-763	3.8	15
28	Screening Platform toward New Anti-HIV Aptamers Set on Molecular Docking and Fluorescence Quenching Techniques. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 2327-34	7.8	15
27	Structure-activity relationship studies on a Trp dendrimer with dual activities against HIV and enterovirus A71. Modifications on the amino acid. <i>Antiviral Research</i> , <b>2017</b> , 139, 32-40	10.8	13
26	Potent antiviral activity of carbohydrate-specific algal and leguminous lectins from the Brazilian biodiversity. <i>MedChemComm</i> , <b>2019</b> , 10, 390-398	5	13
25	Conformational mimetics of the $\beta$ -methyl chalcone TUB091 binding tubulin: Design, synthesis and antiproliferative activity. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 148, 337-348	6.8	13
24	2-Aminothiophene-3-carboxylic acid ester derivatives as novel highly selective cytostatic agents. <i>Investigational New Drugs</i> , <b>2014</b> , 32, 200-10	4.3	12
23	Anti-HIV activity of new higher order G-quadruplex aptamers obtained from tetra-end-linked oligonucleotides. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 2349-2355	3.9	11
22	New findings on the d(TGGGAG) sequence: Surprising anti-HIV-1 activity. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 145, 425-430	6.8	10

21	Synthesis of a 3TC-ethynyl- $\beta$ -D-ribofuranose purine nucleoside library: Discovery of C7-deazapurine analogs as potent antiproliferative nucleosides. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 157, 248-267	6.8	10
20	The broad-spectrum anti-DNA virus agent cidofovir inhibits lung metastasis of virus-independent, FGF2-driven tumors. <i>Oncotarget</i> , <b>2015</b> , 6, 4633-48	3.3	9
19	Scaffold Simplification Strategy Leads to a Novel Generation of Dual Human Immunodeficiency Virus and Enterovirus-A71 Entry Inhibitors. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 349-368	8.3	9
18	Glycosaminoglycan mimicry by COAM reduces melanoma growth through chemokine induction and function. <i>International Journal of Cancer</i> , <b>2012</b> , 131, E425-36	7.5	8
17	Anti-HIV-1 activity of a tripodal receptor that recognizes mannose oligomers. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 106, 132-43	6.8	7
16	Targeting the colchicine site in tubulin through cyclohexanedione derivatives. <i>RSC Advances</i> , <b>2016</b> , 6, 19492-19506	3.7	6
15	FO-SPR biosensor calibrated with recombinant extracellular vesicles enables specific and sensitive detection directly in complex matrices. <i>Journal of Extracellular Vesicles</i> , <b>2021</b> , 10, e12059	16.4	6
14	Bioluminescent avian pathogenic Escherichia coli for monitoring colibacillosis in experimentally infected chickens. <i>Veterinary Journal</i> , <b>2016</b> , 216, 87-92	2.5	5
13	The Cellular Thioredoxin-1/Thioredoxin Reductase-1 Driven Oxidoreduction Represents a Chemotherapeutic Target for HIV-1 Entry Inhibition. <i>PLoS ONE</i> , <b>2016</b> , 11, e0147773	3.7	5
12	Multivalent Tryptophan- and Tyrosine-Containing [60]Fullerene Hexa-Adducts as Dual HIV and Enterovirus A71 Entry Inhibitors. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 10700-10710	4.8	5
11	Tryptophan Trimers and Tetramers Inhibit Dengue and Zika Virus Replication by Interfering with Viral Attachment Processes. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2020</b> , 64,	5.9	5
10	A unique class of lignin derivatives displays broad anti-HIV activity by interacting with the viral envelope. <i>Virus Research</i> , <b>2019</b> , 274, 197760	6.4	4
9	Development of a Novel SPR Assay to Study CXCR4-Ligand Interactions. <i>Biosensors</i> , <b>2020</b> , 10,	5.9	4
8	Peroxynitrite Exposure of CXCL12 Impairs Monocyte, Lymphocyte and Endothelial Cell Chemotaxis, Lymphocyte Extravasation and Anti-HIV-1 Activity. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1933	8.4	4
7	Double Arylation of the Indole Side Chain of Tri- and Tetrapodal Tryptophan Derivatives Renders Highly Potent HIV-1 and EV-A71 Entry Inhibitors $\square$ <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 10027-10046	8.3	3
6	Functional Analysis of Human and Feline Coronavirus Cross-Reactive Antibodies Directed Against the SARS-CoV-2 Fusion Peptide.. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 790415	8.4	2
5	Gelatinase B/matrix metalloproteinase-9 and other neutrophil proteases switch off interleukin-2 activity. <i>Biochemical Journal</i> , <b>2019</b> , 476, 2191-2208	3.8	1
4	Labyrinthopeptin A1 inhibits dengue and Zika virus infection by interfering with the viral phospholipid membrane. <i>Virology</i> , <b>2021</b> , 562, 74-86	3.6	1

- 3 Skeleton binding protein-1-mediated parasite sequestration inhibits spontaneous resolution of malaria-associated acute respiratory distress syndrome. *PLoS Pathogens*, **2021**, 17, e1010114 7.6 ○
- 2 2-Amino-3-methylcarboxy-5-heptyl-thiophene (TJ191) is a selective anti-cancer small molecule that targets low TRAIL-expressing malignant T-cell leukemia/lymphoma cells. *Oncotarget*, **2018**, 9, 6259-6269 3.3
- 1 Organotropic dendrons with high potency as HIV-1, HIV-2 and EV-A71 cell entry inhibitors.. *European Journal of Medicinal Chemistry*, **2022**, 237, 114414 6.8