

# Sam Noppen

## List of Publications by Year in Descending Order

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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.

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 | Organotropic dendrons with high potency as HIV-1, HIV-2 and EV-A71 cell entry inhibitors.. <i>European Journal of Medicinal Chemistry</i> , <b>2022</b> , 237, 114414   | 6.8  |           |
| 55 | 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         |
| 54 | Skeleton binding protein-1-mediated parasite sequestration inhibits spontaneous resolution of malaria-associated acute respiratory distress syndrome. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1010114              | 7.6  | 0         |
| 53 | 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         |
| 52 | 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         |
| 51 | Double Arylation of the Indole Side Chain of Tri- and Tetrapodal Tryptophan Derivatives Renders Highly Potent HIV-1 and EV-A71 Entry Inhibitors <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 10027-10046 | 8.3  | 3         |
| 50 | 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         |
| 49 | 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         |
| 48 | Development of a Novel SPR Assay to Study CXCR4-Ligand Interactions. <i>Biosensors</i> , <b>2020</b> , 10,  | 5.9  | 4         |
| 47 | 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         |
| 46 | 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        |
| 45 | 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         |
| 44 | 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         |
| 43 | 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        |
| 42 | 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        |
| 41 | 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        |
| 40 | 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        |

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|----|---|------|----|
| 39 | Modulation of BACE1 Activity by Chemically Modified Aptamers. <i>ChemBioChem</i> , <b>2018</b> , 19, 754-763  | 3.8  | 15 |
| 38 | 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 |
| 37 | 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 |
| 36 | An allosteric binding site of the $\alpha$ 7 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 |
| 35 | 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. <i>Oncotarget</i> , <b>2018</b> , 9, 6259-6269                   | 3.3  |    |
| 34 | 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 |
| 33 | 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  |
| 32 | 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 |
| 31 | 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 |
| 30 | Antivascular and antitumor properties of the tubulin-binding chalcone TUB091. <i>Oncotarget</i> , <b>2017</b> , 8, 14325-14342  | 3.3  | 37 |
| 29 | 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  |
| 28 | High mannose-specific lectin Msl mediates key interactions of the vaginal Lactobacillus plantarum isolate CMPG5300. <i>Scientific Reports</i> , <b>2016</b> , 6, 37339  | 4.9  | 24 |
| 27 | 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 |
| 26 | Targeting the colchicine site in tubulin through cyclohexanedione derivatives. <i>RSC Advances</i> , <b>2016</b> , 6, 19492-19506   | 3.7  | 6  |
| 25 | 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 |
| 24 | 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  |
| 23 | 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 |
| 22 | 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 |

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|----|--|------|-----|
| 21 | 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  |
| 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 | 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   |
| 18 | 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  |
| 17 | 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  |
| 16 | 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  |
| 15 | 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  |
| 14 | 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  |
| 13 | 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  |
| 12 | Sulfated <i>Escherichia coli</i> 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  |
| 11 | 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  |
| 10 | 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   |
| 9  | Neutrophil extracellular trap cell death requires both autophagy and superoxide generation. <i>Cell Research</i> , <b>2011</b> , 21, 290-304   | 24.7 | 527 |
| 8  | 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  |
| 7  | 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  |
| 6  | 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  |
| 5  | 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 |
| 4  | 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  |

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|---|---|------|-----|
| 3 | 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 |
| 2 | 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  |
| 1 | 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  |