

# Søren L Pedersen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5329926/publications.pdf>

Version: 2024-02-01

29  
papers

1,234  
citations

430442

18  
h-index

476904

29  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2027  
citing authors

#	ARTICLE	IF	CITATIONS
1	How Membrane Geometry Regulates Protein Sorting Independently of Mean Curvature. ACS Central Science, 2020, 6, 1159-1168.	5.3	29
2	Half-Life Extending Modifications of Peptide YY<sub>3&sup>36</sup> Direct Receptor-Mediated Internalization. Molecular Pharmaceutics, 2019, 16, 3665-3677.	2.3	18
3	Adrenomedullin and glucagon-like peptide-1 have additive effects on food intake in mice. Biomedicine and Pharmacotherapy, 2019, 109, 167-173.	2.5	10
4	Guanylin and uroguanylin mRNA expression is increased following Roux-en-Y gastric bypass, but guanylin do not play a significant role in body weight regulation and glycemic control. Peptides, 2018, 101, 32-43.	1.2	15
5	Novel GLP-1/GLP-2 co-agonists display marked effects on gut volume and improves glycemic control in mice. Physiology and Behavior, 2018, 192, 72-81.	1.0	30
6	Chemical Strategies for Half-Life Extension of Biopharmaceuticals: Lipidation and Its Alternatives. ACS Medicinal Chemistry Letters, 2018, 9, 577-580.	1.3	94
7	Membrane curvature regulates ligand-specific membrane sorting of GPCRs in living cells. Nature Chemical Biology, 2017, 13, 724-729.	3.9	81
8	Neoglycolipids for Prolonging the Effects of Peptides: Self-Assembling Glucagon-like Peptide 1 Analogues with Albumin Binding Properties and Potent in Vivo Efficacy. Molecular Pharmaceutics, 2017, 14, 193-205.	2.3	24
9	GUB06&O46, a novel secretin/glucagon&like peptide 1 co&agonist, decreases food intake, improves glycemic control, and preserves beta cell mass in diabetic mice. Journal of Peptide Science, 2017, 23, 845-854.	0.8	22
10	Membrane Curvature and Lipid Composition Synergize To Regulate N-Ras Anchor Recruitment. Biophysical Journal, 2017, 113, 1269-1279.	0.2	26
11	Peptide Half-Life Extension: Divalent, Small-Molecule Albumin Interactions Direct the Systemic Properties of Glucagon-Like Peptide 1 (GLP-1) Analogues. Journal of Medicinal Chemistry, 2017, 60, 7434-7446.	2.9	33
12	Half&Life Extension of Biopharmaceuticals using Chemical Methods: Alternatives to PEGylation. ChemMedChem, 2016, 11, 2474-2495.	1.6	145
13	Synthesis and evaluation of novel lipidated neuromedin U analogs with increased stability and effects on food intake. Journal of Peptide Science, 2015, 21, 85-94.	0.8	28
14	Membrane curvature enables N-Ras lipid anchor sorting to liquid-ordered membrane phases. Nature Chemical Biology, 2015, 11, 192-194.	3.9	108
15	Neuromedin U inhibits food intake partly by inhibiting gastric emptying. Peptides, 2015, 69, 56-65.	1.2	17
16	Microwave Heating in the Solid&Phase Synthesis of <i>N</i>&Methylated Peptides: When Is Room Temperature Better?. European Journal of Organic Chemistry, 2012, 2012, 7106-7111.	1.2	15
17	Improving membrane binding as a design strategy for amphipathic peptide hormones: 2&helix variants of PYY3&36. Journal of Peptide Science, 2012, 18, 579-587.	0.8	7
18	Microwave heating in solid-phase peptide synthesis. Chemical Society Reviews, 2012, 41, 1826-1844.	18.7	258

#	ARTICLE	IF	CITATIONS
19	Effect of Residual Water and Microwave Heating on the Half-Life of the Reagents and Reactive Intermediates in Peptide Synthesis. <i>Chemistry - A European Journal</i> , 2012, 18, 9024-9031.	1.7	18
20	Membrane Curvature Sensing by Amphipathic Helices. <i>Journal of Biological Chemistry</i> , 2011, 286, 42603-42614.	1.6	108
21	Peptide Architecture: Adding an Î±-Helix to the PYY Lysine Side Chain Provides Nanomolar Binding and Body-Weight-Lowering Effects. <i>ChemMedChem</i> , 2010, 5, 545-551.	1.6	3
22	GlycoScan: Varying Glycosylation in the Sequence of the Peptide Hormone PYY3-36 and Its Effect on Receptor Selectivity. <i>ChemBioChem</i> , 2010, 11, 366-374.	1.3	9
23	Semi-automated microwave-assisted SPPS: Optimization of protocols and synthesis of difficult sequences. <i>Biopolymers</i> , 2010, 94, 206-212.	1.2	21
24	Automated Xaya™ robot for peptide synthesis with microwave heating: application to difficult peptide sequences and protein domains. <i>Journal of Peptide Science</i> , 2010, 16, 506-512.	0.8	24
25	Peptide hormone isoforms: C-terminally branched PYY3-36 isoforms give improved lipid and fat cell metabolism in diet-induced obese mice. <i>Journal of Peptide Science</i> , 2010, 16, 664-673.	0.8	14
26	Modifying the conserved C-terminal tyrosine of the peptide hormone PYY3-36 to improve Y2 receptor selectivity. <i>Journal of Peptide Science</i> , 2009, 15, 753-759.	0.8	14
27	Synthesis of Nucleosides with Additional Nucleobases. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 1435-1438.	0.4	5
28	A cyclic dinucleotide with a four-carbon 5'-C-to-5'-C connection; synthesis by RCM, NMR-examination and incorporation into secondary nucleic acid structures. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 2433-2445.	1.5	20
29	Stabilisation of nucleic acid secondary structures by oligonucleotides with an additional nucleobase; synthesis and incorporation of 2'-deoxy-2'-C-(2-(thymine-1-yl)ethyl)uridine. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 3570.	1.5	38