

Søren L Pedersen

List of Publications by Year in descending order

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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	Microwave heating in solid-phase peptide synthesis. <i>Chemical Society Reviews</i> , 2012, 41, 1826-1844.	18.7	258
2	Half-Life Extension of Biopharmaceuticals using Chemical Methods: Alternatives to PEGylation. <i>ChemMedChem</i> , 2016, 11, 2474-2495.	1.6	145
3	Membrane Curvature Sensing by Amphipathic Helices. <i>Journal of Biological Chemistry</i> , 2011, 286, 42603-42614.	1.6	108
4	Membrane curvature enables N-Ras lipid anchor sorting to liquid-ordered membrane phases. <i>Nature Chemical Biology</i> , 2015, 11, 192-194.	3.9	108
5	Chemical Strategies for Half-Life Extension of Biopharmaceuticals: Lipidation and Its Alternatives. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 577-580.	1.3	94
6	Membrane curvature regulates ligand-specific membrane sorting of GPCRs in living cells. <i>Nature Chemical Biology</i> , 2017, 13, 724-729.	3.9	81
7	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
8	Peptide Half-Life Extension: Divalent, Small-Molecule Albumin Interactions Direct the Systemic Properties of Glucagon-Like Peptide 1 (GLP-1) Analogues. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 7434-7446.	2.9	33
9	Novel GLP-1/GLP-2 co-agonists display marked effects on gut volume and improves glycemic control in mice. <i>Physiology and Behavior</i> , 2018, 192, 72-81.	1.0	30
10	How Membrane Geometry Regulates Protein Sorting Independently of Mean Curvature. <i>ACS Central Science</i> , 2020, 6, 1159-1168.	5.3	29
11	Synthesis and evaluation of novel lipidated neuromedin U analogs with increased stability and effects on food intake. <i>Journal of Peptide Science</i> , 2015, 21, 85-94.	0.8	28
12	Membrane Curvature and Lipid Composition Synergize To Regulate N-Ras Anchor Recruitment. <i>Biophysical Journal</i> , 2017, 113, 1269-1279.	0.2	26
13	Automated μ Robot™ 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
14	Neoglycolipids for Prolonging the Effects of Peptides: Self-Assembling Glucagon-like Peptide 1 Analogues with Albumin Binding Properties and Potent in Vivo Efficacy. <i>Molecular Pharmaceutics</i> , 2017, 14, 193-205.	2.3	24
15	GUB06, a novel secretin/glucagon-like peptide 1 co-agonist, decreases food intake, improves glycemic control, and preserves beta cell mass in diabetic mice. <i>Journal of Peptide Science</i> , 2017, 23, 845-854.	0.8	22
16	Semi-automated microwave-assisted SPPS: Optimization of protocols and synthesis of difficult sequences. <i>Biopolymers</i> , 2010, 94, 206-212.	1.2	21
17	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
18	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

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19	Half-Life Extending Modifications of Peptide YY ₃₆ Direct Receptor-Mediated Internalization. <i>Molecular Pharmaceutics</i> , 2019, 16, 3665-3677.	2.3	18
20	Neuromedin U inhibits food intake partly by inhibiting gastric emptying. <i>Peptides</i> , 2015, 69, 56-65.	1.2	17
21	Microwave Heating in the Solid-Phase Synthesis of <i>N</i> -Methylated Peptides: When Is Room Temperature Better?. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 7106-7111.	1.2	15
22	Guanylin and uroguanylin mRNA expression is increased following Roux-en-Y gastric bypass, but guanylins do not play a significant role in body weight regulation and glycemic control. <i>Peptides</i> , 2018, 101, 32-43.	1.2	15
23	Modifying the conserved <i>C</i> -terminal tyrosine of the peptide hormone PYY ₃₆ to improve Y2 receptor selectivity. <i>Journal of Peptide Science</i> , 2009, 15, 753-759.	0.8	14
24	Peptide hormone isoforms: <i>N</i> -terminally branched PYY 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
25	Adrenomedullin and glucagon-like peptide-1 have additive effects on food intake in mice. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 167-173.	2.5	10
26	GlycoScan: Varying Glycosylation in the Sequence of the Peptide Hormone PYY ₃₆ and Its Effect on Receptor Selectivity. <i>ChemBioChem</i> , 2010, 11, 366-374.	1.3	9
27	Improving membrane binding as a design strategy for amphipathic peptide hormones: 2-helix variants of PYY ₃₆ . <i>Journal of Peptide Science</i> , 2012, 18, 579-587.	0.8	7
28	Synthesis of Nucleosides with Additional Nucleobases. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 1435-1438.	0.4	5
29	Peptide Architecture: Adding an α -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