

# Nicolai Stuhr-Hansen

## List of Publications by Year in descending order

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51  
papers

2,150  
citations

430874

18  
h-index

223800

46  
g-index

57  
all docs

57  
docs citations

57  
times ranked

2731  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-electron transistor of a single organic molecule with access to several redox states. <i>Nature</i> , 2003, 425, 698-701.	27.8	798
2	Electronic Transport in Single Molecule Junctions: Control of the Molecule-Electrode Coupling through Intramolecular Tunneling Barriers. <i>Nano Letters</i> , 2008, 8, 1-5.	9.1	163
3	Electronic Excitations of a Single Molecule Contacted in a Three-Terminal Configuration. <i>Nano Letters</i> , 2007, 7, 3336-3342.	9.1	118
4	Identification of a small-molecule inhibitor of the PICK1 PDZ domain that inhibits hippocampal LTP and LTD. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 413-418.	7.1	100
5	Molecular three-terminal devices: fabrication and measurements. <i>Faraday Discussions</i> , 2006, 131, 347-356.	3.2	90
6	Cell-Permeable and Plasma-Stable Peptidomimetic Inhibitors of the Postsynaptic Density-95/N-Methyl-D-Aspartate Receptor Interaction. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 1333-1346.	6.4	81
7	Langmuir-Blodgett Films of Alkane Chalcogenide (S,Se,Te) Stabilized Gold Nanoparticles. <i>Nano Letters</i> , 2001, 1, 189-191.	9.1	76
8	Probing the Effects of Conjugation Path on the Electronic Transmission through Single Molecules Using Scanning Tunneling Microscopy. <i>Nano Letters</i> , 2005, 5, 783-785.	9.1	74
9	Self-Assembly and Conductive Properties of Molecularly Linked Gold Nanowires. <i>Nano Letters</i> , 2004, 4, 19-22.	9.1	70
10	Novel Synthesis of Protected Thiol End-Capped Stilbenes and Oligo(phenylenevinylene)s (OPVs). <i>Journal of Organic Chemistry</i> , 2003, 68, 1275-1282.	3.2	65
11	Probing the Role of Backbone Hydrogen Bonds in Protein-Peptide Interactions by Amide-to-Ester Mutations. <i>Journal of the American Chemical Society</i> , 2013, 135, 12998-13007.	13.7	45
12	Tert-Butyl Moiety as a Base Resistant Thiol Protecting Group Smoothly Replaced by the Labile Acetyl Moiety. <i>Synthetic Communications</i> , 2003, 33, 641-646.	2.1	43
13	Synthetic protocols and building blocks for molecular electronics. <i>Tetrahedron</i> , 2005, 61, 12288-12295.	1.9	39
14	Deterministic assembly of linear gold nanorod chains as a platform for nanoscale applications. <i>Nanoscale</i> , 2013, 5, 8680.	5.6	36
15	Structure-activity relationships of a small-molecule inhibitor of the PDZ domain of PICK1. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 4281.	2.8	31
16	Electrophilic organic selenium reagents: protonated seleninic acids as precursors for unsymmetrical aromatic selenides. <i>Tetrahedron</i> , 2011, 67, 2633-2643.	1.9	26
17	Single electron transistor with a single conjugated molecule. <i>Current Applied Physics</i> , 2004, 4, 554-558.	2.4	22
18	Synthesis and Pharmacology of Seleninic Acid Analogues of the Inhibitory Neurotransmitter $\beta$ -Aminobutyric Acid. <i>Organic Letters</i> , 2000, 2, 7-9.	4.6	21

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19	Interrogating the Molecular Basis for Substrate Recognition in Serotonin and Dopamine Transporters with High-Affinity Substrate-Based Bivalent Ligands. <i>ACS Chemical Neuroscience</i> , 2016, 7, 1406-1417.	3.5	20
20	Utilization of microwave heating in the McMurry reaction for facile coupling of aldehydes and ketones to give alkenes. <i>Tetrahedron Letters</i> , 2005, 46, 5491-5494.	1.4	19
21	Dihydroxy Phenylselenonium-Toluenesulfonate; Preparation and Use in the Recycling of Selenium Reagents. <i>Synthetic Communications</i> , 1996, 26, 1897-1902.	2.1	16
22	Facile synthesis of $\alpha$ -hydroxy carboxylic acids from the corresponding $\alpha$ -amino acids. <i>Tetrahedron Letters</i> , 2014, 55, 4149-4151.	1.4	15
23	Epitope mapping of a new anti-Tn antibody detecting gastric cancer cells. <i>Glycobiology</i> , 2017, 27, 635-645.	2.5	15
24	Synthesis of Cholesterol-Substituted Glycopeptides for Tailor-Made Glycocalyxification of Artificial Membrane Systems. <i>ChemBioChem</i> , 2016, 17, 1403-1406.	2.6	14
25	Rapid and precise preparation of reactive benzeneselenolate solutions by reduction of diphenyl diselenide with hydrazine-sodium methanolate. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1999, , 1915-1916.	0.9	13
26	Syntheses of 9,10-Phenanthrenequinone and 9-Methoxyphenanthrene by Oxidation of Phenanthrene with Dihydroxy Phenylselenonium Benzenesulfonate. <i>Synthetic Communications</i> , 1997, 27, 89-94.	2.1	11
27	Mechanistic insight into benzenethiol catalyzed amide bond formations from thioesters and primary amines. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 5745.	2.8	11
28	Evaluation of the immediate vascular stability of lipoprotein lipase-generated 2-monoacylglycerol in mice. <i>BioFactors</i> , 2014, 40, 596-602.	5.4	11
29	Phenylselenium Trichloride, Preparation and Use as a Vinylic Chlorination Reagent. <i>Synthetic Communications</i> , 1996, 26, 3345-3350.	2.1	10
30	Synthesis of BODIPY-Labeled Cholesterylated Glycopeptides by Tandem Click Chemistry for Glycocalyxification of Giant Unilamellar Vesicles (GUVs). <i>Chemistry - A European Journal</i> , 2017, 23, 9472-9476.	3.3	10
31	Sparing the ortho-position in nucleophilic aromatic substitution-specific displacement of the 4-SePh group in 2,4-bis(phenylseleno)nitrobenzene. <i>Heteroatom Chemistry</i> , 2009, 20, 101-108.	0.7	9
32	Preparation of Peptide Thioesters through Fmoc-Based Solid-Phase Peptide Synthesis by Using Amino Thioesters. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5290-5294.	2.4	9
33	Facile solid-phase ruthenium assisted azide-alkyne cycloaddition (RuAAC) utilizing the Cp-RuCl(COD)-catalyst. <i>Tetrahedron Letters</i> , 2017, 58, 2272-2275.	1.4	9
34	Structural Characterisation of Chiral 4-Methoxyphenyl Phenyl Selenoxide.. <i>Acta Chemica Scandinavica</i> , 1997, 51, 1186-1191.	0.7	8
35	ABO Blood Group Antigen Decorated Giant Unilamellar Vesicles Exhibit Distinct Interactions with <i>Plasmodium falciparum</i> Infected Red Blood Cells. <i>ACS Chemical Biology</i> , 2018, 13, 2421-2426.	3.4	7
36	Organoselenium-substituted poly(p-phenylenevinylene). <i>Heteroatom Chemistry</i> , 2005, 16, 656-662.	0.7	6

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37	Clustering of Giant Unilamellar Vesicles Promoted by Covalent and Noncovalent Bonding of Functional Groups at Membrane-Embedded Peptides. <i>Bioconjugate Chemistry</i> , 2019, 30, 2156-2164.	3.6	6
38	A Combinatory Antibody-antigen Microarray Assay for High-Content Screening of Single-Chain Fragment Variable Clones from Recombinant Libraries. <i>PLoS ONE</i> , 2016, 11, e0168761.	2.5	6
39	Microwave-assisted McMurry polymerization utilizing low-valent titanium for the synthesis of poly 2,6-[1,5-bis(dodecyloxy)naphthylene vinylene] (PNV). <i>Tetrahedron Letters</i> , 2009, 50, 7374-7378.	1.4	5
40	Electrophilic Organoselenium Reagents; Approaches to the Synthon Phenylselenium Ion (PhSe). Phosphorus, Sulfur and Silicon and the Related Elements, 1998, 136, 175-190.	1.6	4
41	Electrophilic Organoselenium Reagents; Approaches to the Synthon Phenylselenium ION (PhSe+). Phosphorus, Sulfur and Silicon and the Related Elements, 1998, 136, 175-190.	1.6	3
42	Structural characterization of protonated benzeneseleninic acid, the dihydroxyselenonium ion. <i>Acta Crystallographica Section B: Structural Science</i> , 2000, 56, 1029-1034.	1.8	3
43	1,4-Bis(4-chlorophenylseleno)-2,5-dimethoxybenzene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o13-o13.	0.2	3
44	Synthetic and mechanistic insight into nosylation of glycine residues. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 2288.	2.8	3
45	Synthesis of Oligo-(alkyne-triplet)peptide Constructs. <i>Organic Letters</i> , 2017, 19, 6522-6525.	4.6	2
46	Synthesis of 2,2-diarylvinylyl phenyl selenides by dehydration of 2-hydroxyalkyl phenyl selenides. <i>Heteroatom Chemistry</i> , 2018, 29, .	0.7	2
47	(E,E,E)-1,3,5-Tris[4-(acetylsulfanyl)styryl]benzene toluene hemisolvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2005, 61, o503-o505.	0.4	1
48	Synthesis of Symmetrical and Non-symmetrical Bivalent Neurotransmitter Ligands. <i>ChemistrySelect</i> , 2016, 1, 407-413.	1.5	1
49	The tert-Butyl Moiety - A Base Resistant Thiol Protecting Group Smoothly Replaced by the Labile Acetyl Moiety.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
50	Utilization of Microwave Heating in the McMurry Reaction for Facile Coupling of Aldehydes and Ketones to Give Alkenes.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
51	4-Bromoselenoanisole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o1665-o1666.	0.2	0