

# Svein-Ole Mikalsen

## List of Publications by Year in descending order

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58  
papers

1,192  
citations

361413

20  
h-index

434195

31  
g-index

59  
all docs

59  
docs citations

59  
times ranked

1101  
citing authors

#	ARTICLE	IF	CITATIONS
1	Connexins, gap junctional intercellular communication and kinases. <i>Biology of the Cell</i> , 2002, 94, 433-443.	2.0	82
2	Nuclear localization of the metastasis-related protein S100A4 correlates with tumour stage in colorectal cancer. <i>Journal of Pathology</i> , 2003, 200, 589-595.	4.5	68
3	Ischemia Induces Closure of Gap Junctional Channels and Opening of Hemichannels in Heart-derived Cells and Tissue. <i>Cellular Physiology and Biochemistry</i> , 2011, 28, 103-114.	1.6	58
4	Evolutionary selection pressure and family relationships among connexin genes. <i>Biological Chemistry</i> , 2007, 388, 253-264.	2.5	56
5	Microbe biogeography tracks water masses in a dynamic oceanic frontal system. <i>Royal Society Open Science</i> , 2017, 4, 170033.	2.4	46
6	Stimulated Phosphorylation of Intracellular Connexin43. <i>Experimental Cell Research</i> , 1999, 251, 285-298.	2.6	45
7	Recovery of gap junctional intercellular communication after phorbol ester treatment requires proteasomal degradation of protein kinase C. <i>Carcinogenesis</i> , 2003, 24, 1239-1245.	2.8	44
8	Immunofluorometric Assay for the Metastasis-Related Protein S100A4: Release of S100A4 from Normal Blood Cells Prohibits the Use of S100A4 as a Tumor Marker in Plasma and Serum. <i>Tumor Biology</i> , 2004, 25, 31-40.	1.8	39
9	Effects of peroxisome proliferators and 12-O-tetradecanoyl phorbol-13-acetate on intercellular communication and connexin43 in two hamster fibroblast systems. , 1997, 73, 240-248.		38
10	The connexin gene family in mammals. <i>Biological Chemistry</i> , 2005, 386, 325-32.	2.5	37
11	fibroblasts. <i>Carcinogenesis</i> , 1993, 14, 2257-2265.	2.8	36
12	Properties of Pervanadate and Permolybdate. <i>Journal of Biological Chemistry</i> , 1998, 273, 10036-10045.	3.4	34
13	Photochemically enhanced gene transfection increases the cytotoxicity of the herpes simplex virus thymidine kinase gene combined with ganciclovir. <i>Cancer Gene Therapy</i> , 2004, 11, 514-523.	4.6	32
14	Morphological transformation of Syrian hamster embryo cells induced by mineral fibres and the alleged enhancement of benzo[a]pyrene. <i>Carcinogenesis</i> , 1988, 9, 891-899.	2.8	31
15	The non-phorbol ester tumor promoter okadaic acid does not promote morphological transformation or inhibit junctional communication in hamster embryo cells. <i>Biochemical and Biophysical Research Communications</i> , 1990, 167, 1302-1308.	2.1	30
16	Phorbol ester phorbol-12-myristate-13-acetate promotes anchorage-independent growth and survival of melanomas through MEK-independent activation of ERK1/2. <i>Biochemical and Biophysical Research Communications</i> , 2005, 329, 266-274.	2.1	30
17	Gap Junctional Intercellular Communication is not a Major Mediator in the Bystander Effect in Photodynamic Treatment of MDCK II Cells. <i>Radiation Research</i> , 2000, 154, 331-341.	1.5	26
18	Pancreatic Trypsin Activates Human Promatrix Metalloproteinase-2. <i>Journal of Molecular Biology</i> , 2005, 350, 682-698.	4.2	26

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19	Effects of heavy metal ions on intercellular communication in syriam hamster embryo cells. <i>Carcinogenesis</i> , 1990, 11, 1621-1626.	2.8	25
20	Intercellular communication in colonies of Syrian hamster embryo cells and the susceptibility for morphological transformation. <i>Carcinogenesis</i> , 1993, 14, 251-257.	2.8	25
21	Morphological transformation and catalase activity of syrian hamster embryo cells treated with hepatic peroxisome proliferators, TPA and nickel sulphate. <i>Cell Biology and Toxicology</i> , 1990, 6, 1-13.	5.3	21
22	Connexin43 is overexpressed inApcMin/+mice adenomas and colocalises with COX-2 in myofibroblasts. <i>International Journal of Cancer</i> , 2005, 116, 351-358.	5.1	21
23	Pharmacological Evidence for System-Dependent Involvement of Protein Kinase C Isoenzymes in Phorbol Ester-Suppressed Gap Junctional Communication. <i>Experimental Cell Research</i> , 2001, 268, 150-161.	2.6	20
24	Cutting through the smoke: the diversity of microorganisms in deep-sea hydrothermal plumes. <i>Royal Society Open Science</i> , 2017, 4, 160829.	2.4	20
25	Increased gap junctional intercellular communication in Syrian hamster embryo cells treated with oxidative agents. <i>Carcinogenesis</i> , 1994, 15, 381-387.	2.8	19
26	Induction of phosphotyrosine in the gap junction protein, connexin43 1. <i>FEBS Letters</i> , 1997, 401, 271-275.	2.8	18
27	The metastasis-associated protein S100A4 exists in several charged variants suggesting the presence of posttranslational modifications. <i>BMC Cancer</i> , 2008, 8, 172.	2.6	18
28	Effects of ultraviolet radiation on intercellular communication in V79 Chinese hamster fibroblasts. <i>Carcinogenesis</i> , 1994, 15, 233-239.	2.8	17
29	Cells heterozygous for the ApcMin mutation have decreased gap junctional intercellular communication and connexin43 level, and reduced microtubule polymerization. <i>Carcinogenesis</i> , 2003, 24, 643-650.	2.8	17
30	Effects of five phorbol esters on gap junctional lintercellular communication, morphological transformation and epidermal growth factor binding in Syrian hamster embryo cells. <i>Carcinogenesis</i> , 1993, 14, 73-77.	2.8	16
31	Role of catalase and oxidative stress in hepatic peroxisome proliferator-induced morphological transformation of syrian hamster embryo cells. <i>International Journal of Cancer</i> , 1990, 46, 950-957.	5.1	14
32	A characterization of permolybdate and its effect on cellular tyrosine phosphorylation, gap junctional intercellular communication and phosphorylation status of the gap junction protein, connexin43. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1997, 1356, 207-220.	4.1	14
33	llimaquinone inhibits gap-junctional communication prior to Golgi fragmentation and block in protein transport. <i>Experimental Cell Research</i> , 2003, 287, 130-142.	2.6	14
34	Truncated mouse adenomatous polyposis coli reduces connexin32 content and increases matrilysin secretion from Paneth cells. <i>European Journal of Cancer</i> , 2004, 40, 1599-1603.	2.8	12
35	llimaquinone inhibits gap junctional communication in a connexin isotype-specific manner. <i>Experimental Cell Research</i> , 2005, 304, 136-148.	2.6	11
36	Using long and linked reads to improve an Atlantic herring ( <i>Clupea harengus</i> ) genome assembly. <i>Scientific Reports</i> , 2019, 9, 17716.	3.3	11

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37	Effects of hepatic peroxisome proliferators and 12-O-tetradecanoyl phorbol-13-acetate on catalase and other enzyme activities of embryonic cells in vitro. <i>Biochemical Pharmacology</i> , 1990, 39, 527-535.	4.4	10
38	Ischemic Preconditioning Protects Against Gap Junctional Uncoupling in Cardiac Myofibroblasts. <i>Cell Communication and Adhesion</i> , 2004, 11, 51-66.	1.0	8
39	Phylogeny of teleost connexins reveals highly inconsistent intra- and interspecies use of nomenclature and misassemblies in recent teleost chromosome assemblies. <i>BMC Genomics</i> , 2020, 21, 223.	2.8	8
40	Connexins during 500 Million Yearsâ€”From Cyclostomes to Mammals. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1584.	4.1	8
41	Mechanisms Involved in Responses to the Peroxisome Proliferator WY-14,643 on Gap Junctional Intercellular Communication in V79 Hamster Fibroblasts. <i>Toxicology and Applied Pharmacology</i> , 2002, 182, 66-75.	2.8	6
42	MassSorter: a tool for administrating and analyzing data from mass spectrometry experiments on proteins with known amino acid sequences. <i>BMC Bioinformatics</i> , 2006, 7, 42.	2.6	6
43	Microinjected coxsackie B1 virus does not replicate in HEp-2 cell. <i>Virology</i> , 1991, 185, 888-890.	2.4	5
44	Heterologous gap junctional intercellular communication in normal and morphologically transformed colonies of Syrian hamster embryo cells. <i>Carcinogenesis</i> , 1993, 14, 2085-2090.	2.8	5
45	The Detection of Hamster Connexins: A Comparison of Expression Profiles with Wild-Type Mouse and the Cancer-Prone Min Mouse. <i>Cell Communication and Adhesion</i> , 2004, 11, 155-171.	1.0	5
46	Protease-Dependent Fractional Mass and Peptide Properties. <i>European Journal of Mass Spectrometry</i> , 2008, 14, 311-317.	1.0	5
47	Blind search for post-translational modifications and amino acid substitutions using peptide mass fingerprints from two proteases. <i>BMC Research Notes</i> , 2008, 1, 130.	1.4	4
48	Atlantic herring ( <i>Clupea harengus</i> ) population structure in the Northeast Atlantic Ocean. <i>Fisheries Research</i> , 2022, 249, 106231.	1.7	4
49	Microinjection of HEp-2 cells with coxsackie B1 virus RNA enhances invasiveness of <i>Shigella flexneri</i> only after prestimulation with UV-inactivated virus. <i>Apmis</i> , 1993, 101, 602-606.	2.0	2
50	Heavy Metal Ions, Cytotoxicity and Gap Junctional Intercellular Communication in Syrian Hamster Embryo Cells. <i>ATLA Alternatives To Laboratory Animals</i> , 1992, 20, 213-217.	1.0	2
51	Supplementary material to the paper â€œEvolutionary selection pressure and family relationships among connexin genesâ€. <i>Biological Chemistry</i> , 2007, 388, .	2.5	1
52	Proteomics made more accessible. <i>Proteomics</i> , 2014, 14, 989-990.	2.2	1
53	MassSorter: Peptide Mass Fingerprinting Data Analysis. <i>Methods in Molecular Biology</i> , 2008, 484, 345-359.	0.9	1
54	Morphological transformation of Syrian hamster embryo cells and the effect on some marker enzymes by peroxisome proliferators. <i>European Journal of Cancer &amp; Clinical Oncology</i> , 1987, 23, 1778.	0.7	0

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55	Comparison of the ability of glass fibers and asbestos to induce morphological transformation of Syrian hamster embryo cells. <i>European Journal of Cancer &amp; Clinical Oncology</i> , 1987, 23, 1778.	0.7	0
56	Morphological transformation and intercellular communication in Syrian hamster embryo cells. <i>European Journal of Cancer &amp; Clinical Oncology</i> , 1991, 27, S62.	0.7	0
57	Gap-junctional intercellular communication (GJC) is reduced after preconditioning. <i>Journal of Molecular and Cellular Cardiology</i> , 2001, 33, A116.	1.9	0
58	Gap Junctional Intercellular Communication and Modulators of Kinases and Phosphatases. <i>ATLA Alternatives To Laboratory Animals</i> , 1995, 23, 480-484.	1.0	0