Svein-Ole Mikalsen

List of Publications by Year
in descending order

58	1,192	361413 20	434195 31
papers	citations	h-index	g-index

59	59	59	1101
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Atlantic herring (Clupea harengus) population structure in the Northeast Atlantic Ocean. Fisheries Research, 2022, 249, 106231.	1.7	4
2	Connexins during 500 Million Yearsâ€"From Cyclostomes to Mammals. International Journal of Molecular Sciences, 2021, 22, 1584.	4.1	8
3	Phylogeny of teleost connexins reveals highly inconsistent intra- and interspecies use of nomenclature and misassemblies in recent teleost chromosome assemblies. BMC Genomics, 2020, 21, 223.	2.8	8
4	Using long and linked reads to improve an Atlantic herring (Clupea harengus) genome assembly. Scientific Reports, 2019, 9, 17716.	3.3	11
5	Cutting through the smoke: the diversity of microorganisms in deep-sea hydrothermal plumes. Royal Society Open Science, 2017, 4, 160829.	2.4	20
6	Microbe biogeography tracks water masses in a dynamic oceanic frontal system. Royal Society Open Science, 2017, 4, 170033.	2.4	46
7	Proteomics made more accessible. Proteomics, 2014, 14, 989-990.	2.2	1
8	Ischemia Induces Closure of Gap Junctional Channels and Opening of Hemichannels in Heart-derived Cells and Tissue. Cellular Physiology and Biochemistry, 2011, 28, 103-114.	1.6	58
9	The metastasis-associated protein S100A4 exists in several charged variants suggesting the presence of posttranslational modifications. BMC Cancer, 2008, 8, 172.	2.6	18
10	Blind search for post-translational modifications and amino acid substitutions using peptide mass fingerprints from two proteases. BMC Research Notes, 2008, 1, 130.	1.4	4
11	Protease-Dependent Fractional Mass and Peptide Properties. European Journal of Mass Spectrometry, 2008, 14, 311-317.	1.0	5
12	MassSorter: Peptide Mass Fingerprinting Data Analysis. Methods in Molecular Biology, 2008, 484, 345-359.	0.9	1
13	Supplementary material to the paper â€œEvolutionary selection pressure and family relationships among connexin genesâ€• Biological Chemistry, 2007, 388, .	2.5	1
14	Evolutionary selection pressure and family relationships among connexin genes. Biological Chemistry, 2007, 388, 253-264.	2.5	56
15	MassSorter: a tool for administrating and analyzing data from mass spectrometry experiments on proteins with known amino acid sequences. BMC Bioinformatics, 2006, 7, 42.	2.6	6
16	Connexin43 is overexpressed inApcMin/+-mice adenomas and colocalises with COX-2 in myofibroblasts. International Journal of Cancer, 2005, 116, 351-358.	5.1	21
17	Ilimaquinone inhibits gap junctional communication in a connexin isotype-specific manner. Experimental Cell Research, 2005, 304, 136-148.	2.6	11
18	Pancreatic Trypsin Activates Human Promatrix Metalloproteinase-2. Journal of Molecular Biology, 2005, 350, 682-698.	4.2	26

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19	Phorbol ester phorbol-12-myristate-13-acetate promotes anchorage-independent growth and survival of melanomas through MEK-independent activation of ERK1/2. Biochemical and Biophysical Research Communications, 2005, 329, 266-274.	2.1	30
20	The connexin gene family in mammals. Biological Chemistry, 2005, 386, 325-32.	2.5	37
21	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. Tumor Biology, 2004, 25, 31-40.	1.8	39
22	Photochemically enhanced gene transfection increases the cytotoxicity of the herpes simplex virus thymidine kinase gene combined with ganciclovir. Cancer Gene Therapy, 2004, 11, 514-523.	4.6	32
23	The Detection of Hamster Connexins: A Comparison of Expression Profiles with Wild-Type Mouse and the Cancer-ProneMinMouse. Cell Communication and Adhesion, 2004, 11, 155-171.	1.0	5
24	Ischemic Preconditioning Protects Against Gap Junctional Uncoupling in Cardiac Myofibroblasts. Cell Communication and Adhesion, 2004, 11, 51-66.	1.0	8
25	Truncated mouse adenomatous polyposis coli reduces connexin32 content and increases matrilysin secretion from Paneth cells. European Journal of Cancer, 2004, 40, 1599-1603.	2.8	12
26	Nuclear localization of the metastasisâ€related protein S100A4 correlates with tumour stage in colorectal cancer. Journal of Pathology, 2003, 200, 589-595.	4.5	68
27	Ilimaquinone inhibits gap-junctional communication prior to Golgi fragmentation and block in protein transport. Experimental Cell Research, 2003, 287, 130-142.	2.6	14
28	Cells heterozygous for the ApcMin mutation have decreased gap junctional intercellular communication and connexin43 level, and reduced microtubule polymerization. Carcinogenesis, 2003, 24, 643-650.	2.8	17
29	Recovery of gap junctional intercellular communication after phorbol ester treatment requires proteasomal degradation of protein kinase C. Carcinogenesis, 2003, 24, 1239-1245.	2.8	44
30	Connexins, gap junctional intercellular communication and kinases. Biology of the Cell, 2002, 94, 433-443.	2.0	82
31	Mechanisms Involved in Responses to the Peroxisome Proliferator WY-14,643 on Gap Junctional Intercellular Communication in V79 Hamster Fibroblasts. Toxicology and Applied Pharmacology, 2002, 182, 66-75.	2.8	6
32	Pharmacological Evidence for System-Dependent Involvement of Protein Kinase C Isoenzymes in Phorbol Ester-Suppressed Gap Junctional Communication. Experimental Cell Research, 2001, 268, 150-161.	2.6	20
33	Gap-junctional intercellular communication (GJC) is reduced after preconditioning. Journal of Molecular and Cellular Cardiology, 2001, 33, A116.	1.9	0
34	Gap Junctional Intercellular Communication is not a Major Mediator in the Bystander Effect in Photodynamic Treatment of MDCK II Cells. Radiation Research, 2000, 154, 331-341.	1.5	26
35	Stimulated Phosphorylation of Intracellular Connexin43. Experimental Cell Research, 1999, 251, 285-298.	2.6	45
36	Properties of Pervanadate and Permolybdate. Journal of Biological Chemistry, 1998, 273, 10036-10045.	3.4	34

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37	Induction of phosphotyrosine in the gap junction protein, connexin43 1. FEBS Letters, 1997, 401, 271-275.	2.8	18
38	A characterization of permolybdate and its effect on cellular tyrosine phosphorylation, gap junctional intercellular communication and phosphorylation status of the gap junction protein, connexin43. Biochimica Et Biophysica Acta - Molecular Cell Research, 1997, 1356, 207-220.	4.1	14
39	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
40	Gap Junctional Intercellular Communication and Modulators of Kinases and Phosphatases. ATLA Alternatives To Laboratory Animals, 1995, 23, 480-484.	1.0	0
41	Effects of ultraviolet radiation on intercellular communication in V79 Chinese hamster fibroblasts. Carcinogenesis, 1994, 15, 233-239.	2.8	17
42	Increased gap junctional intercellular communication in Syrian hamster embryo cells treated with oxidative agents. Carcinogenesis, 1994, 15, 381-387.	2.8	19
43	Microinjection of HEp-2 cells with coxsackie B1 virus RNA enhances invasiveness of Shigella flexneri only after prestimulation with UV-inactivated virus. Apmis, 1993, 101, 602-606.	2.0	2
44	Intercellular communication in colonies of Syrian hamster embryo cells and the susceptibility for morphological transformation. Carcinogenesis, 1993, 14, 251-257.	2.8	25
45	Heterologous gap junctional intercellular communication in normal and morphologically transformed colonies of Syrian hamster embryo cells. Carcinogenesis, 1993, 14, 2085-2090.	2.8	5
46	fibroblasts. Carcinogenesis, 1993, 14, 2257-2265.	2.8	36
47	Effects of five phorbal esters on gap junctional lintercellular communication, morphological transformation and epidermal growth factor binding in Syrian hamster embryo cells. Carcinogenesis, 1993, 14, 73-77.	2.8	16
48	Heavy Metal Ions, Cytotoxicity and Gap Junctional Intercellular Communication in Syrian Hamster Embryo Cells. ATLA Alternatives To Laboratory Animals, 1992, 20, 213-217.	1.0	2
49	Morphological transformation and intercellular communication in Syrian hamster embryo cells. European Journal of Cancer & Clinical Oncology, 1991, 27, S62.	0.7	0
50	Microinjected coxsackie B1 virus does not replicate in HEp-2 cell. Virology, 1991, 185, 888-890.	2.4	5
51	Morphological transformation and catalase activity of syrian hamster embryo cells treated with hepatic peroxisome proliferators, TPA and nickel sulphate. Cell Biology and Toxicology, 1990, 6, 1-13.	5.3	21
52	Role of catalase and oxidative stress in hepatic peroxisome proliferator-induced morphological transformation of syrian hamster embryo cells. International Journal of Cancer, 1990, 46, 950-957.	5.1	14
53	Effects of heavy metal ions on intercellular communication in syriam hamster embryo cells. Carcinogenesis, 1990, 11, 1621-1626.	2.8	25
54	Effects of hepatic peroxisome proliferators and 12-O-tetradecanoyl phorbol-13-acetate on catalase and other enzyme activities of embryonic cells in vitro. Biochemical Pharmacology, 1990, 39, 527-535.	4.4	10

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55	The non-phorbol ester tumor promoter okadaic acid does not promote morphological transformation or inhibit junctional communication in hamster embryo cells. Biochemical and Biophysical Research Communications, 1990, 167, 1302-1308.	2.1	30
56	Morphological transformation of Syrian hamster embryo cells induced by mineral fibres and the alleged enhancement of benzo[a]pyrene. Carcinogenesis, 1988, 9, 891-899.	2.8	31
57	Morphological transformation of Syrian hamster embryo cells and the effect on some marker enzymes by peroxisome proliferators. European Journal of Cancer & Clinical Oncology, 1987, 23, 1778.	0.7	0
58	Comparison of the ability of glass fibers and asbestos to induce morphological transformation of Syrian hamster embryo cells. European Journal of Cancer & Clinical Oncology, 1987, 23, 1778.	0.7	0