

Joachim Sturve

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

3,133
citations

159525

30
h-index

155592

55
g-index

66
all docs

66
docs citations

66
times ranked

4115
citing authors

#	ARTICLE	IF	CITATIONS
1	Triclosan, a commonly used bactericide found in human milk and in the aquatic environment in Sweden. <i>Chemosphere</i> , 2002, 46, 1485-1489.	4.2	469
2	Oxidative damage in eelpout (<i>Zoarces viviparus</i>), measured as protein carbonyls and TBARS, as biomarkers. <i>Aquatic Toxicology</i> , 2005, 73, 171-180.	1.9	193
3	Biochemical indicators of pollution exposure in shorthorn sculpin (<i>Myoxocephalus scorpius</i>), caught in four harbours on the southwest coast of Iceland. <i>Aquatic Toxicology</i> , 2000, 48, 431-442.	1.9	175
4	Behavioural Disturbances in a Temperate Fish Exposed to Sustained High-CO2 Levels. <i>PLoS ONE</i> , 2013, 8, e65825.	1.1	131
5	From cohorts to molecules: Adverse impacts of endocrine disrupting mixtures. <i>Science</i> , 2022, 375, eabe8244.	6.0	129
6	DNA damage in eelpout (<i>Zoarces viviparus</i>) from Gästeborg harbour. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004, 552, 187-195.	0.4	109
7	Effects of North Sea oil and alkylphenols on biomarker responses in juvenile Atlantic cod (<i>Gadus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 101	1.9	101
8	Warmer water temperature results in oxidative damage in an Antarctic fish, the bald notothen. <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 468, 130-137.	0.7	94
9	Effects of redox cycling compounds on glutathione content and activity of glutathione-related enzymes in rainbow trout liver. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2002, 133, 435-442.	1.3	89
10	Oxidative stress in pied flycatcher (<i>Ficedula hypoleuca</i>) nestlings from metal contaminated environments in northern Sweden. <i>Environmental Research</i> , 2007, 105, 330-339.	3.7	80
11	BIOMARKER RESPONSES AND CHEMICAL ANALYSES IN FISH INDICATE LEAKAGE OF POLYCYCLIC AROMATIC HYDROCARBONS AND OTHER COMPOUNDS FROM CAR TIRE RUBBER. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 2926.	2.2	78
12	Oxidative stress in rainbow trout (<i>Oncorhynchus mykiss</i>) exposed to sewage treatment plant effluent. <i>Ecotoxicology and Environmental Safety</i> , 2008, 70, 446-452.	2.9	75
13	Protein carbonyls and antioxidant defenses in corkwing wrasse (<i>Symphodus melops</i>) from a heavy metal polluted and a PAH polluted site. <i>Marine Environmental Research</i> , 2008, 66, 271-277.	1.1	67
14	Behavioural toxicity assessment of silver ions and nanoparticles on zebrafish using a locomotion profiling approach. <i>Aquatic Toxicology</i> , 2016, 173, 143-153.	1.9	66
15	Pharmaceutical industry effluent diluted 1:500 affects global gene expression, cytochrome P450 1A activity, and plasma phosphate in fish. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 2639-2647.	2.2	64
16	Size Matters: Ingestion of Relatively Large Microplastics Contaminated with Environmental Pollutants Posed Little Risk for Fish Health and Fillet Quality. <i>Environmental Science & Technology</i> , 2018, 52, 14381-14391.	4.6	62
17	Oxidative stress, evident in antioxidant defences and damage products, in rainbow trout caged outside a sewage treatment plant. <i>Ecotoxicology and Environmental Safety</i> , 2008, 70, 370-378.	2.9	61
18	EFFECTS OF DREDGING IN GÄSTEBORG HARBOR, SWEDEN, ASSESSED BY BIOMARKERS IN EELPOUT (ZOARCES) Tj ETQq0 0 0 rgBT /Ov 60	2.2	60

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19	Studies of Masculinization, Detoxification, and Oxidative Stress Responses in Guppies (<i>Poecilia</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 13-20.	2.9	57
20	Effects of Increased CO ₂ on Fish Gill and Plasma Proteome. PLoS ONE, 2014, 9, e102901.	1.1	56
21	An assessment of the importance of exposure routes to the uptake and internal localisation of fluorescent nanoparticles in zebrafish (<i>Danio rerio</i>), using light sheet microscopy. Nanotoxicology, 2017, 11, 351-359.	1.6	52
22	The impact of urban environment on oxidative damage (TBARS) and antioxidant systems in lungs and liver of great tits, <i>Parus major</i> ,. Environmental Research, 2009, 109, 46-50.	3.7	50
23	Transcriptional effects of nonylphenol, bisphenol A and PBDE-47 in liver of juvenile Atlantic cod (<i>Gadus morhua</i>). Chemosphere, 2009, 75, 360-367.	4.2	45
24	Endocytosis, intracellular fate, accumulation, and agglomeration of titanium dioxide (TiO ₂) nanoparticles in the rainbow trout liver cell line RTL-W1. Environmental Science and Pollution Research, 2019, 26, 15354-15372.	2.7	45
25	Effects of copper oxide nanoparticles and copper ions to zebrafish (<i>Danio rerio</i>) cells, embryos and fry. Toxicology in Vitro, 2017, 45, 89-100.	1.1	44
26	Assessing the effects of textile leachates in fish using multiple testing methods: From gene expression to behavior. Ecotoxicology and Environmental Safety, 2021, 207, 111523.	2.9	37
27	Tentative biomarkers for 2,4,6-trinitrotoluene (TNT) in fish (<i>Oncorhynchus mykiss</i>). Aquatic Toxicology, 2005, 72, 221-230.	1.9	35
28	Studies on aromatic hydrocarbon quinone metabolism and DT-Diaphorase function in liver of fish species. Marine Environmental Research, 1996, 42, 317-321.	1.1	34
29	Genotoxic effects of CdS quantum dots and Ag ₂ S nanoparticles in fish cell lines (RTG-2). Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2014, 775-776, 89-93.	0.9	33
30	Effects of redox cycling compounds on DT diaphorase activity in the liver of rainbow trout (<i>Oncorhynchus mykiss</i>). Comparative Hepatology, 2005, 4, 4.	0.9	30
31	Early-age changes in oxidative stress in brown trout, <i>Salmo trutta</i> . Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2010, 155, 442-448.	0.7	29
32	Biliary PAH and Alkylphenol Metabolites, Biomarker Enzyme Activities, and Gene Expression Levels in the Deep-Sea Fish <i>Alepocephalus rostratus</i> . Environmental Science & Technology, 2013, 47, 2854-2861.	4.6	26
33	Retention and maternal transfer of brominated dioxins in zebrafish (<i>Danio rerio</i>) and effects on reproduction, aryl hydrocarbon receptor-regulated genes, and ethoxyresorufin-O-deethylase (EROD) activity. Aquatic Toxicology, 2011, 102, 150-161.	1.9	25
34	Oxidative stress in growth hormone transgenic coho salmon with compressed lifespan – a model for addressing aging. Free Radical Research, 2012, 46, 1183-1189.	1.5	25
35	Establishing Causality between Exposure to Metals and Effects on Fish. Human and Ecological Risk Assessment (HERA), 2003, 9, 149-169.	1.7	24
36	Chemical monitoring of Swedish coastal waters indicates common exceedances of environmental thresholds, both for individual substances as well as their mixtures. Marine Pollution Bulletin, 2017, 122, 409-419.	2.3	24

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37	Mixture toxicity effects and uptake of titanium dioxide (TiO ₂) nanoparticles and 2,3,4,4'-tetrachlorobiphenyl (PCB77) in juvenile brown trout following co-exposure via the diet. <i>Aquatic Toxicology</i> , 2019, 213, 105195.	1.9	24
38	Increased potential for NAD(P)H-dependent reactive oxygen species production of hepatic subcellular fractions of fish species with in vivo exposure to contaminants. <i>Marine Environmental Research</i> , 2000, 50, 57-60.	1.1	23
39	Bisphenol A and Bisphenol S Induce Endocrine and Chromosomal Alterations in Brown Trout. <i>Frontiers in Endocrinology</i> , 2021, 12, 645519.	1.5	23
40	Effects of an oil spill in a harbor assessed using biomarkers of exposure in eelpout. <i>Environmental Science and Pollution Research</i> , 2014, 21, 13758-13768.	2.7	22
41	Oxidative stress and biomarker responses in the Atlantic halibut after long term exposure to elevated CO ₂ and a range of temperatures. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2019, 238, 110321.	0.7	22
42	Microplastic Vector Effects: Are Fish at Risk When Exposed via the Trophic Chain?. <i>Frontiers in Environmental Science</i> , 2020, 8, .	1.5	22
43	Effects on UDP glucuronosyl transferase, glutathione transferase, DT-diaphorase and glutathione reductase activities in rainbow trout liver after long-term exposure to PCB. <i>Marine Environmental Research</i> , 1996, 42, 213-216.	1.1	21
44	Fate and Effects of 2,4,6-Trinitrotoluene (TNT) from Dumped Ammunition in a Field Study with Fish and Invertebrates. <i>Archives of Environmental Contamination and Toxicology</i> , 2006, 51, 244-252.	2.1	21
45	Exposure of sticklebacks (<i>Gasterosteus aculeatus</i>) to cadmium sulfide nanoparticles: Biological effects and the importance of experimental design. <i>Marine Environmental Research</i> , 2008, 66, 161-163.	1.1	19
46	Environmental monitoring of pesticide exposure and effects on mangrove aquatic organisms of Mozambique. <i>Marine Environmental Research</i> , 2016, 121, 9-19.	1.1	19
47	Genotoxic effects of Ag ₂ S and CdS nanoparticles in blue mussel (<i>Mytilus edulis</i>) haemocytes. <i>Chemistry and Ecology</i> , 2014, 30, 719-725.	0.6	18
48	Increased activity of lysozyme and complement system in Atlantic halibut exposed to elevated CO ₂ at six different temperatures. <i>Marine Environmental Research</i> , 2016, 122, 143-147.	1.1	17
49	Gene expression analyses of hepatocellular adenoma and hepatocellular carcinoma from the marine flatfish <i>Limanda limanda</i> . <i>Diseases of Aquatic Organisms</i> , 2010, 88, 127-141.	0.5	14
50	A gene to organism approach "assessing the impact of environmental pollution in eelpout (<i>Zoarces</i>) Tj ETQq0,0,0 rgBT /Qverlock 1	2.2	13
51	Effects of algal extracts (<i>Polysiphonia fucoides</i>) on rainbow trout (<i>Oncorhynchus mykiss</i>): A biomarker approach. <i>Marine Environmental Research</i> , 2006, 62, S283-S286.	1.1	11
52	Thyroid function and immune status in perch (<i>Perca fluviatilis</i>) from lakes contaminated with PFASs or PCBs. <i>Ecotoxicology and Environmental Safety</i> , 2021, 222, 112495.	2.9	10
53	A multi-biomarker study on Atlantic salmon (<i>Salmo salar</i> L.) affected by the emerging Red Skin Disease in the Baltic Sea. <i>Journal of Fish Diseases</i> , 2021, 44, 429-440.	0.9	9
54	Laser-assisted microdissection: a new tool for aquatic molecular parasitology. <i>Diseases of Aquatic Organisms</i> , 2008, 82, 151-156.	0.5	8

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55	Oxidative damage in rainbow trout caged in a polluted river. <i>Marine Environmental Research</i> , 2008, 66, 90-91.	1.1	7
56	Carbonyl reductase mRNA abundance and enzymatic activity as potential biomarkers of oxidative stress in marine fish. <i>Marine Environmental Research</i> , 2012, 80, 56-61.	1.1	7
57	Determining oxidative stress and EROD activity in dab (<i>Limanda limanda</i>) in the North and Baltic Seas. <i>Marine Environmental Research</i> , 2017, 124, 46-53.	1.1	7
58	Acoustic detection of melanosome transport in <i>Xenopus laevis melanophores</i> . <i>Analytical Biochemistry</i> , 2013, 435, 10-18.	1.1	4
59	mRNA Expression and Biomarker Responses in Perch at a Biomonitoring Site in the Baltic Sea – Possible Influence of Natural Brominated Chemicals. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	4
60	Enzymatic, morphological, and genotoxic effects of benzo[a]pyrene in rainbow trout (<i>Oncorhynchus</i>) Tj ETQq0 0 0,rgBT /Overlock 10 TF	2.7	4
61	Effects of pesticides and metals on penaeid shrimps in Maputo Bay, Mozambique – A field study. <i>Marine Pollution Bulletin</i> , 2021, 173, 112964.	2.3	4
62	Sand Goby – An Ecologically Relevant Species for Behavioural Ecotoxicology. <i>Fishes</i> , 2018, 3, 13.	0.7	2
63	TEACHING PRACTICES IN SCIENCE EDUCATION RELATED TO CHEMICAL USAGE, THEIR HAZARDS AND RISKS. <i>Integrated Environmental Assessment and Management</i> , 2021, 17, 482-483.	1.6	1