

Erlend Kristiansen

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,147
citations

516215

16
h-index

713013

21
g-index

23
all docs

23
docs citations

23
times ranked

1069
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of Antifreeze Proteins. , 2020, , 9-41.		0
2	Thermal Hysteresis. , 2020, , 131-158.		0
3	Antifreeze activity enhancement by site directed mutagenesis on an antifreeze protein from the beetle <i>Rhagium mordax</i> . FEBS Letters, 2014, 588, 1767-1772.	1.3	18
4	Low thermodynamic but high kinetic stability of an antifreeze protein from <i>Rhagium mordax</i> . Protein Science, 2014, 23, 760-768.	3.1	12
5	Inhibition of Gas Hydrate Nucleation and Growth: Efficacy of an Antifreeze Protein from the Longhorn Beetle <i>Rhagium mordax</i> . Energy & Fuels, 2014, 28, 3666-3672.	2.5	90
6	Hyperactive antifreeze proteins from longhorn beetles: Some structural insights. Journal of Insect Physiology, 2012, 58, 1502-1510.	0.9	37
7	Structural characteristics of a novel antifreeze protein from the longhorn beetle <i>Rhagium inquisitor</i> . Insect Biochemistry and Molecular Biology, 2011, 41, 109-117.	1.2	51
8	Do ice nucleating lipoproteins protect frozen insects against toxic chemical agents?. Journal of Insect Physiology, 2011, 57, 1123-1126.	0.9	7
9	Physiological effects of hypercapnia in the deep-sea bivalve <i>Acesta excavata</i> (Fabricius, 1779) (Bivalvia); Tj ETQq1 1,0,784314,rgBT/O	1.1	18
10	The Siberian timberman <i>Acanthocinus aedilis</i> : a freeze-tolerant beetle with low supercooling points. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2009, 179, 563-568.	0.7	8
11	Is the strategy for cold hardiness in insects determined by their water balance? A study on two closely related families of beetles: Cerambycidae and Chrysomelidae. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2008, 178, 977-984.	0.7	35
12	Cadmium is deposited in the gut content of larvae of the beetle <i>Tenebrio molitor</i> and involves a Cd-binding protein of the low cysteine type. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2008, 148, 217-222.	1.3	21
13	Salt-induced enhancement of antifreeze protein activity: A salting-out effect. Cryobiology, 2008, 57, 122-129.	0.3	51
14	Isolation and preliminary characterization of a Cd-binding protein from <i>Tenebrio molitor</i> (Coleoptera). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2007, 145, 457-463.	1.3	4
15	Cold hardiness in relation to trace metal stress in the freeze-avoiding beetle <i>Tenebrio molitor</i> . Journal of Insect Physiology, 2006, 52, 846-853.	0.9	10
16	Isolation and characterization of hemolymph antifreeze proteins from larvae of the longhorn beetle <i>Rhagium inquisitor</i> (L.). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2005, 142, 90-97.	0.7	28
17	The mechanism by which fish antifreeze proteins cause thermal hysteresis. Cryobiology, 2005, 51, 262-280.	0.3	185
18	Inorganic ions in cold-hardiness. Cryobiology, 2004, 48, 126-133.	0.3	63

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19	Ice nucleation in solutions and freeze-avoiding insects—homogeneous or heterogeneous?. <i>Cryobiology</i> , 2004, 48, 309-321.	0.3	78
20	Effect of ice fraction and dilution factor on the antifreeze activity in the hemolymph of the cerambycid beetle <i>Rhagium inquisitor</i> . <i>Cryobiology</i> , 2002, 44, 132-141.	0.3	29
21	Effect of freezing on the transmembrane distribution of ions in freeze-tolerant larvae of the wood fly <i>Xylophagus cinctus</i> (Diptera, Xylophagidae). <i>Journal of Insect Physiology</i> , 2001, 47, 585-592.	0.9	41
22	Ice Nucleation and Antinucleation in Nature. <i>Cryobiology</i> , 2000, 41, 257-279.	0.3	330
23	Antifreeze activity in the cerambycid beetle <i>Rhagium inquisitor</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1999, 169, 55-60.	0.7	31