Veijo Jormalainen

List of Publications by Year
in descending order

92 papers	4,268 citations	117625 34 h-index	118850 62 g-index
92 all docs	92 docs citations	92 times ranked	3694 citing authors

#	Article	IF	Citations
1	Double-edged sword of desalination: Decreased growth and increased grazing endanger range-margin Fucus populations. Journal of Experimental Marine Biology and Ecology, 2022, 547, 151666.	1.5	3
2	Climate change driven hyposalinity as a selective agent in the littoral mesoherbivore Idotea balthica. Marine Environmental Research, 2021, 163, 105216.	2.5	3
3	It takes two to stay afloat: interplay of morphology and physiological acclimation ensures long-term floating dispersal of the bladderwrack <i>Fucus vesiculosus</i> (Phaeophyceae, Fucales). European Journal of Phycology, 2020, 55, 242-252.	2.0	7
4	Gene regulatory response to hyposalinity in the brown seaweed Fucus vesiculosus. BMC Genomics, 2020, 21, 42.	2.8	10
5	White-tailed eagle (Haliaeetus albicilla) and great cormorant (Phalacrocorax carbo) nestlings as spatial sentinels of Baltic acidic sulphate soil associated metal contamination. Science of the Total Environment, 2020, 718, 137424.	8.0	2
6	Cormorants have negligible seascape-scale impacts on benthic vegetation communities. Marine Ecology - Progress Series, 2020, 654, 195-207.	1.9	0
7	Geographic variation in fitnessâ€related traits of the bladderwrack Fucus vesiculosus along the Baltic Seaâ€North Sea salinity gradient. Ecology and Evolution, 2019, 9, 9225-9238.	1.9	11
8	Low abundance of floating marine debris in the northern Baltic Sea. Marine Pollution Bulletin, 2019, 149, 110522.	5.0	22
9	Living on the edge: Gamete release and subsequent fertilisation in Fucus vesiculosus (Phaeophyceae) are weakened by climate changeâ€“forced hyposaline conditions. Phycologia, 2019, 58, 111-114.	1.4	9
10	Waterâ€borne defence induction of a rockweed in the wild. Functional Ecology, 2019, 33, 786-797.	3.6	2
11	Integrating experimental and distribution data to predict future species patterns. Scientific Reports, 2019, 9, 1821.	3.3	51
12	Tolerance and potential for adaptation of a Baltic Sea rockweed under predicted climate change conditions. Marine Environmental Research, 2018, 134, 76-84.	2.5	19
13	Variations in tolerance to climate change in a key littoral herbivore. Marine Biology, 2018, 165, 1.	1.5	11
14	Tolerance to climate change of the clonally reproducing endemic Baltic seaweed, <i>Fucus radicans</i>: is phenotypic plasticity enough?. Journal of Phycology, 2018, 54, 888-898.	2.3	9
15	Forecast climate change conditions sustain growth and physiology but hamper reproduction in range-margin populations of a foundation rockweed species. Marine Environmental Research, 2018, 141, 205-213.	2.5	23
16	The Baltic Sea as a time machine for the future coastal ocean. Science Advances, 2018, 4, eaar8195.	10.3	339
17	Genetic variation of a foundation rockweed species affects associated communities. Ecology, 2017, 98, 2940-2951.	3.2	6
18	Is the future as tasty as the present? Elevated temperature and hyposalinity affect the quality of Fucus (Phaeophyceae, Fucales) as food for the isopod Idotea balthica. Marine Biology, 2017, 164, 1.	1.5	64

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19	Defensive role of macroalgal phlorotannins: benefits and trade-offs under natural herbivory. Marine Ecology - Progress Series, 2017, 566, 79-90.	1.9	15
20	Eutrophication and the Challenge of Changing Biotic Interactions. , 2016, , 179-194.		1
21	The invasive mud crab enforces a major shift in a rocky littoral invertebrate community of the Baltic Sea. Biological Invasions, 2016, 18, 1409-1419.	2.4	19
22	Genetic variation in photosynthetic performance and tolerance to osmotic stress (desiccation,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	2.3	8
23	Nutrient enrichment overwhelms top-down control in algal communities around cormorant colonies. Journal of Experimental Marine Biology and Ecology, 2016, 476, 31-40.	1.5	8
24	Abundance and dispersal trajectories of floating <scp><i>F</i></scp><i>ucus vesiculosus</i> in the <scp>N</scp>orthern <scp>B</scp>altic <scp>S</scp>ea. Limnology and Oceanography, 2015, 60, 2173-2184.	3.1	36
25	Cormorant-induced shifts in littoral communities. Marine Ecology - Progress Series, 2015, 541, 15-30.	1.9	10
26	Habitat-specific gut microbiota of the marine herbivore Idotea balthica (Isopoda). Journal of Experimental Marine Biology and Ecology, 2014, 455, 22-28.	1.5	16
27	Seasonality elicits herbivores' escape from trophic control and favors induced resistance in a temperate macroalga. Ecology, 2014, 95, 3035-3045.	3.2	21
28	Seabird Guano Fertilizes Baltic Sea Littoral Food Webs. PLoS ONE, 2013, 8, e61284.	2.5	38
29	Ignored patterns in studies of local adaptations: When the grass is greener on the allopatric site. Ideas in Ecology and Evolution, 2013, 6, .	0.1	3
30	Global patterns in the impact of marine herbivores on benthic primary producers. Ecology Letters, 2012, 15, 912-922.	6.4	350
31	Stress Ecology in Fucus: Abiotic, Biotic and Genetic Interactions. Advances in Marine Biology, 2011, 59, 37-105.	1.4	95
32	Quantifying variation and chemical correlates of bladderwrack quality - herbivore population makes a difference. Functional Ecology, 2011, 25, 900-909.	3.6	6
33	Induced resistance in a brown alga: phlorotannins, genotypic variation and fitness costs for the crustacean herbivore. Oecologia, 2010, 162, 685-695.	2.0	30
34	Nutrient availability modifies species abundance and community structure of Fucus-associated littoral benthic fauna. Marine Environmental Research, 2010, 70, 283-292.	2.5	31
35	Resistance of the brown alga <i>Fucus vesiculosus</i> to herbivory. Oikos, 2009, 118, 713-722.	2.7	49
36	Divergence in host use ability of a marine herbivore from two habitat types. Journal of Evolutionary Biology, 2009, 22, 1545-1555.	1.7	21

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37	Variation of Phlorotannins Among Three Populations of Fucus vesiculosus as Revealed by HPLC and Colorimetric Quantification. Journal of Chemical Ecology, 2008, 34, 57-64.	1.8	74
38	Geographical divergence in host use ability of a marine herbivore in algaâ€"grazer interaction. Evolutionary Ecology, 2008, 22, 545-559.	1.2	18
39	Selective consumption and facilitation by mesograzers in adult and colonizing macroalgal assemblages. Marine Biology, 2008, 154, 787-794.	1.5	12
40	Fouling mediates grazing: intertwining of resistances to multiple enemies in the brown alga Fucus vesiculosus. Oecologia, 2008, 155, 559-569.	2.0	29
41	Grazing and nutrients reduce recruitment success of Fucus vesiculosus L. (Fucales: Phaeophyceae). Estuarine, Coastal and Shelf Science, 2008, 78, 437-444.	2.1	26
42	Grazing effects in macroalgal communities depend on timing of patch colonization. Journal of Experimental Marine Biology and Ecology, 2008, 360, 39-46.	1.5	5
43	Sexual and local divergence in host exploitation in the marine herbivore Idotea baltica (Isopoda). Journal of Experimental Marine Biology and Ecology, 2008, 367, 118-126.	1.5	14
44	Reckless males, rational females: Dynamic trade-off between food and shelter in the marine isopod Idotea balthica. Behavioural Processes, 2008, 79, 175-181.	1.1	20
45	Macroalgal Chemical Defenses and Their Roles in Structuring Temperate Marine Communities. , 2008, , 57-89.		62
46	Macroalgal Communities Face the Challenge of Changing Biotic Interactions: Review with Focus on the Baltic Sea. Ambio, 2007, 36, 203-211.	5.5	45
47	Bottomâ€"up and cascading topâ€"down control of macroalgae along a depth gradient. Journal of Experimental Marine Biology and Ecology, 2007, 343, 52-63.	1.5	28
48	EFFECTS OF NUTRIENTS, HERBIVORY, AND DEPTH ON THE MACROALGAL COMMUNITY IN THE ROCKY SUBLITTORAL. Ecology, 2007, 88, 839-852.	3.2	74
49	High-performance liquid chromatographic analysis of phlorotannins from the brown algaFucus Vesiculosus. Phytochemical Analysis, 2007, 18, 326-332.	2.4	139
50	Mating Strategies in Isopods. , 2007, , 167-190.		10
51	Polar extracts of the brown alga Fucus vesiculosus (L.) reduce assimilation efficiency but do not deter the herbivorous isopod Idotea baltica (Pallas). Journal of Experimental Marine Biology and Ecology, 2005, 317, 143-157.	1.5	29
52	Responses of growth and phlorotannins in Fucus vesiculosus to nutrient enrichment and herbivory. Aquatic Ecology, 2005, 39, 201-211.	1.5	45
53	Genotypic variation in tolerance and resistance to fouling in the brown alga Fucus vesiculosus. Oecologia, 2005, 144, 196-205.	2.0	65
54	CONTENTS OF SOLUBLE, CELL-WALL-BOUND AND EXUDED PHLOROTANNINS IN THE BROWN ALGA Fucus vesiculosus, WITH IMPLICATIONS ON THEIR ECOLOGICAL FUNCTIONS. Journal of Chemical Ecology, 2005, 31, 195-212.	1.8	293

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55	Variation in natural selection for growth and phlorotannins in the brown alga <i>Fucus vesiculosus</i>. Journal of Evolutionary Biology, 2004, 17, 807-820.	1.7	81
56	Genetic and environmental variation in performance of a marine isopod: effects of eutrophication. Oecologia, 2004, 140, 302-311.	2.0	27
57	Inducible resistance to herbivory in Fucus vesiculosusâ€"duration, spreading and variation with nutrient availability. Marine Ecology - Progress Series, 2004, 273, 109-120.	1.9	67
58	Geographic covariation of chemical quality of the host alga Fucus vesiculosus with fitness of the herbivorous isopod Idotea baltica. Marine Biology, 2003, -1, 1-1.	1.5	6
59	Induction of phlorotannin production in a brown alga: defense or resource dynamics?. Oikos, 2003, 103, 640-650.	2.7	85
60	Withinâ€Alga Integration and Compensation: Effects of Simulated Herbivory on Growth and Reproduction of the Brown Alga, Fucus vesiculosus. International Journal of Plant Sciences, 2002, 163, 815-823.	1.3	32
61	Feeding and growth of the isopod<i>Idotea baltica</i>on the brown alga<i>Fucus vesiculosus</i>: Roles of inter-population and within-plant variation in plant quality. Ecoscience, 2002, 9, 332-338.	1.4	21
62	NUTRIENT ENHANCEMENT INCREASES PERFORMANCE OF A MARINE HERBIVORE VIA QUALITY OF ITS FOOD ALGA. Ecology, 2002, 83, 1052-1064.	3.2	111
63	Costs of intersexual conflict in the isopodIdotea baltica. Journal of Evolutionary Biology, 2001, 14, 763-772.	1.7	55
64	Why does herbivore sex matter? Sexual differences in utilization of Fucus vesiculosus by the isopod Idotea baltica. Oikos, 2001, 93, 77-86.	2.7	56
65	Feeding preferences and performance of a marine isopod on seaweed hosts: cost of habitat specialization. Marine Ecology - Progress Series, 2001, 220, 219-230.	1.9	113
66	Dynamics of intersexual conflict over precopulatory mate guarding in two populations of the isopod Idotea baltica. Animal Behaviour, 2000, 60, 85-93.	1.9	35
67	Different roles of feeding and protection in diel microhabitat choice of sexes in Idotea baltica. Oecologia, 2000, 122, 445-451.	2.0	38
68	Female Reproductive Cycle and Sexual Conflict over Precopulatory Mate-guarding in Thermosphaeroma (Crustacea, Isopoda). Ethology, 1999, 105, 233-246.	1.1	30
69	Optimization of cryptic coloration in heterogeneous habitats. Biological Journal of the Linnean Society, 1999, 67, 151-161.	1.6	192
70	Fighting costs stabilize aggressive behavior in intersexual conflicts. Evolutionary Ecology, 1999, 13, 245.	1.2	14
71	Reproductive anatomy, precopulatory mate guarding, and paternity in the socorro isopod,thermosphaeroma thermophilum. Marine and Freshwater Behaviour and Physiology, 1999, 32, 39-56.	0.9	20
72	Optimization of cryptic coloration in heterogeneous habitats. Biological Journal of the Linnean Society, 1999, 67, 151-161.	1.6	47

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73	Precopulatory Mate Guarding in Crustaceans: Male Competitive Strategy and Intersexual Conflict. Quarterly Review of Biology, 1998, 73, 275-304.	0.1	235
74	Evolution of sex differences in microhabitat choice and colour polymorphism inIdotea baltica. Animal Behaviour, 1997, 54, 769-778.	1.9	59
75	Microhabitat segregation and cannibalism in an endangered freshwater isopod, Thermosphaeroma thermophilum. Oecologia, 1997, 111, 271-279.	2.0	31
76	Compromised strategy resolves intersexual conflict over pre-copulatory guarding duration. Evolutionary Ecology, 1996, 10, 661-680.	1.2	33
77	Female resistance and duration of mate-guarding in three aquatic peracarids (Crustacea). Behavioral Ecology and Sociobiology, 1995, 36, 43-48.	1.4	85
78	Differential predation on sexes affects colour polymorphism of the isopod Idotea baltica (Pallas). Biological Journal of the Linnean Society, 1995, 55, 45-68.	1.6	63
79	Growth and reproduction of an estuarine population of the colonial hydroidCordylophora caspia (Pallas) in the northern Baltic Sea. Helgolâ˘šÂ§nder Meeresuntersuchungen, 1994, 48, 407-418.	0.2	8
80	Effect of female resistance on size-dependent precopula duration in mate-guarding Crustacea. Animal Behaviour, 1994, 47, 1471-1474.	1.9	19
81	Intersexual conflict over precopula duration in mate guarding crustacea. Behavioural Processes, 1994, 32, 265-283.	1.1	41
82	Male Choice and Maleâ€male Competition in <i>Idotea baitica</i> (Crustacea, Isopoda). Ethology, 1994, 96, 46-57.	1.1	40
83	Female Resistance and Precopulatory Guarding in the Isopod Idotea Baltica (Pallas). Behaviour, 1993, 125, 219-231.	0.8	45
84	Reproductive ecology of the isopodIdotea baltica(Pallas) in the Northern Baltic. Ophelia, 1989, 30, 213-223.	0.3	18
85	Sexual differences in habitat selection and activity of the colour polymorphic isopod Idotea baltica. Animal Behaviour, 1989, 38, 576-585.	1.9	64
86	Within-plant Variation in Phenolic Content and Toughness of the Brown Alga Fucus vesiculosus L.. Botanica Marina, 1989, 32, .	1.2	56
87	Delayed Budbreak: A Defensive Response of Mountain Birch to Early-Season Defoliation?. Oikos, 1989, 54, 87.	2.7	41
88	Reproductive effort of short shoots in silver birch (Betula pendula Roth). Experientia, 1988, 44, 540-541.	1.2	10
89	Components of Reproductive Effort in the Aquatic Isopod Idotea baltica. Oikos, 1988, 52, 250.	2.7	9
90	Localized Effects of Branch Defoliations on Weight Gain of Female Inflorescences in Betula pubescens. Oikos, 1988, 51, 327.	2.7	32

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91	Does the Aquatic Isopod Idotea baltica Minimize the Survival Costs of Reproduction?. Oikos, 1988, 52, 245.	2.7	13
92	A Comparison of Genetic Variation in Two Endemic Thermal Spring Isopods,Thermosphaeroma thermophilumandT. milleri(Crustacea - Isopoda: Sphaeromatidae). , 0, , .		0