

Joerg Hardege

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,452
citations

304743

22
h-index

345221

36
g-index

51
all docs

51
docs citations

51
times ranked

1783
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptation and acclimatization to ocean acidification in marine ectotherms: an <i>in situ</i> transplant experiment with polychaetes at a shallow CO ₂ vent system. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120444.	4.0	165
2	Seizure control by decanoic acid through direct AMPA receptor inhibition. <i>Brain</i> , 2016, 139, 431-443.	7.6	163
3	Ocean acidification affects marine chemical communication by changing structure and function of peptide signalling molecules. <i>Global Change Biology</i> , 2016, 22, 3914-3926.	9.5	121
4	Electro-Oxidation of Ni ₄₂ Steel: A Highly Active Bifunctional Electrocatalyst. <i>Advanced Functional Materials</i> , 2016, 26, 6402-6417.	14.9	90
5	Nereidid polychaetes as model organisms for marine chemical ecology. <i>Hydrobiologia</i> , 1999, 402, 145-161.	2.0	49
6	The spawning pheromone cysteine-glutathione disulfide (nereithione™) arouses a multicomponent nuptial behavior and electrophysiological activity in <i>Nereis succinea</i> males. <i>FASEB Journal</i> , 1999, 13, 945-952.	0.5	42
7	Induction of swarming of <i>Nereis succinea</i> . <i>Marine Biology</i> , 1990, 104, 291-295.	1.5	38
8	Scent marking pheromones in lizards: cholesterol and long chain alcohols elicit avoidance and aggression in male <i>Acanthodactylus boskianus</i> (Squamata: Lacertidae). <i>Chemoecology</i> , 2011, 21, 143-149.	1.1	38
9	Cysteine-glutathione disulfide, the sperm-release pheromone of the marine polychaete <i>Nereis succinea</i> (Annelida: Polychaeta). <i>Chemoecology</i> , 1998, 8, 33-38.	1.1	37
10	Sex-specific mediation of foraging in the shore crab, <i>Carcinus maenas</i> . <i>Hormones and Behavior</i> , 2007, 52, 162-168.	2.1	37
11	The Nereid on the rise: <i>Platynereis</i> as a model system. <i>EvoDevo</i> , 2021, 12, 10.	3.2	34
12	Timing of reproduction in marine polychaetes: The role of sex pheromones. <i>Ecoscience</i> , 1998, 5, 395-404.	1.4	33
13	New compounds, sexual differences, and age-related variations in the femoral gland secretions of the lacertid lizard <i>Acanthodactylus boskianus</i> . <i>Biochemical Systematics and Ecology</i> , 2011, 39, 95-101.	1.3	33
14	Short- and Medium-Term Exposure to Ocean Acidification Reduces Olfactory Sensitivity in Gilthead Seabream. <i>Frontiers in Physiology</i> , 2019, 10, 731.	2.8	32
15	Assessment of field fertilization success in the infaunal polychaete <i>Arenicola marina</i> (L.). <i>Invertebrate Reproduction and Development</i> , 1997, 31, 189-197.	0.8	31
16	Saxitoxin and tetrodotoxin bioavailability increases in future oceans. <i>Nature Climate Change</i> , 2019, 9, 840-844.	18.8	30
17	Peptide pheromones in female <i>Nereis succinea</i> . <i>Peptides</i> , 2004, 25, 1517-1522.	2.4	29
18	The Fecal Odor of Sick Hedgehogs (<i>Erinaceus europaeus</i>) Mediates Olfactory Attraction of the Tick <i>Ixodes hexagonus</i> . <i>Journal of Chemical Ecology</i> , 2011, 37, 340-347.	1.8	29

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19	Simultaneously Hermaphroditic Shrimp Use Lipophilic Cuticular Hydrocarbons as Contact Sex Pheromones. PLoS ONE, 2011, 6, e17720.	2.5	29
20	Spawning synchrony in <i>Arenicola marina</i> : evidence for sex pheromonal control. Proceedings of the Royal Society B: Biological Sciences, 1997, 264, 1041-1047.	2.6	28
21	The cost of conflict: agonistic encounters influence responses to chemical signals in the European shore crab. Animal Behaviour, 2009, 77, 357-361.	1.9	28
22	The contribution of amino acids to the odour of a prey species in the Senegalese sole (<i>Solea</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	3.5	25
23	Finding females: pheromone-guided reproductive tracking behavior by male <i>Nereis succinea</i> in the marine environment. Journal of Experimental Biology, 2008, 211, 757-765.	1.7	24
24	Biological responses to contaminants in the Humber Estuary: Disentangling complex relationships. Marine Environmental Research, 2011, 71, 295-303.	2.5	23
25	Preparative separation of enantiomeric polychaete sex pheromones. Die Naturwissenschaften, 1992, 79, 182-183.	1.6	20
26	Acidification can directly affect olfaction in marine organisms. Journal of Experimental Biology, 2021, 224, .	1.7	20
27	Ocean acidification foils chemical signals. Science, 2014, 346, 176-176.	12.6	18
28	Chemical Signal Mediated Premating Reproductive Isolation in a Marine Polychaete, <i>Neanthes acuminata</i> (Arenaceodentata). Journal of Chemical Ecology, 2005, 31, 1865-1876.	1.8	17
29	Exposure to low pH induces molecular level changes in the marine worm, <i>Platynereis dumerilii</i> . Ecotoxicology and Environmental Safety, 2016, 124, 105-110.	6.0	17
30	Characterization of a sex pheromone in a simultaneous hermaphroditic shrimp, <i>Lysmata wurdemanni</i> . Marine Biology, 2010, 157, 1-6.	1.5	16
31	The sibling polychaetes <i>Platynereis dumerilii</i> and <i>Platynereis massiliensis</i> in the Mediterranean Sea: are phylogeographic patterns related to exposure to ocean acidification?. Marine Biology, 2017, 164, 1.	1.5	16
32	Glutathione S-transferase in <i>Nereis succinea</i> (Polychaeta) and its induction by xenoestrogen. Environmental Toxicology, 2011, 26, 559-565.	4.0	15
33	Divergence of Scent Pheromones in Allopatric Populations of <i>Acanthodactylus boskianus</i> (Squamata: Lacertidae). Zoological Science, 2013, 30, 380-385.	0.7	14
34	Experience Matters: Females Use Smell to Select Experienced Males for Paternal Care. PLoS ONE, 2009, 4, e7672.	2.5	12
35	Evidence that 1-methyl-L-tryptophan is a food-related odorant for the Senegalese sole (<i>Solea</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 11	3.5	11
36	Becoming nose-blind: Climate change impacts on chemical communication. Global Change Biology, 2022, 28, 4495-4505.	9.5	10

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37	Sex pheromones in <i>Nereis succinea</i> . <i>Invertebrate Reproduction and Development</i> , 1999, 36, 183-186.	0.8	9
38	Ocean Acidification Amplifies the Olfactory Response to 2-Phenylethylamine: Altered Cue Reception as a Mechanistic Pathway?. <i>Journal of Chemical Ecology</i> , 2021, 47, 859-876.	1.8	9
39	Reproductive isolation between two sympatric simultaneous hermaphroditic shrimp, <i>Lysmata wurdemanni</i> and <i>L. bognessi</i> . <i>Marine Biology Research</i> , 2009, 5, 470-477.	0.7	8
40	Surface glycoproteins are not the contact pheromones in the <i>Lysmata</i> shrimp. <i>Marine Biology</i> , 2010, 157, 171-176.	1.5	8
41	Plastic additive oleamide elicits hyperactivity in hermit crabs. <i>Marine Pollution Bulletin</i> , 2021, 169, 112533.	5.0	8
42	Development and maturation in the nereidid polychaetes <i>Platynereis dumerilii</i> and <i>Nereis succinea</i> exposed to xenoestrogens. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2011, 154, 196-203.	2.6	7
43	Target gene expression studies on <i>Platynereis dumerilii</i> and <i>Platynereis cfr massiliensis</i> at the shallow CO ₂ vents off Ischia, Italy. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 207, 351-358.	2.1	6
44	The role of changing pH on olfactory success of predator-prey interactions in green shore crabs, <i>Carcinus maenas</i> . <i>Aquatic Ecology</i> , 2022, 56, 409-418.	1.5	6
45	Effects of low seawater pH on the marine polychaete <i>Platynereis dumerilii</i> . <i>Marine Pollution Bulletin</i> , 2015, 95, 166-172.	5.0	5
46	Sex Pheromones in Nereids: Volatile Compounds of the Coelomic Fluid of <i>Nereis virens</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1990, 45, 924-926.	1.4	3
47	Modeling mate-finding behavior of the swarming polychaete, <i>Nereis succinea</i> , with TangolnSilico, a scientific workflow-based simulation system for sexual searching. <i>Invertebrate Reproduction and Development</i> , 2008, 52, 69-80.	0.8	3
48	Conditioned water affects pair formation behaviour in the marine polychaete <i>Neanthes (Nereis) acuminata</i> . <i>Animal Cognition</i> , 2013, 16, 85-89.	1.8	3
49	A pheromone bouquet controls the reproductive behaviour of the male shore crab, <i>Carcinus maenas</i> . <i>Aquatic Ecology</i> , 2022, 56, 419-427.	1.5	2
50	Modelling Antifouling compounds of Macroalgal Holobionts in Current and Future pH Conditions. <i>Journal of Chemical Ecology</i> , 2022, , 1.	1.8	1