Gabriele Gerlach

List of Publications by Year
in descending order

58	3,577	218677	144013
papers	citations	26 h-index	57 g-index

59	59	59	4450
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neural pathways of olfactory kin imprinting and kin recognition in zebrafish. Cell and Tissue Research, 2021, 383, 273-287.	2.9	17
2	Diminished growth and vitality in juvenile Hydractinia echinata under anticipated future temperature and variable nutrient conditions. Scientific Reports, 2021, 11, 7483.	3.3	1
3	Impact of cyclones on hard coral and metapopulation structure, connectivity and genetic diversity of coral reef fish. Coral Reefs, 2021, 40, 999-1011.	2.2	6
4	Endless skies and open seasÂâ€“ how birds and fish navigate. Neuroforum, 2021, 27, 127-139.	0.3	5
5	Multi-year presence of humpback whales in the Atlantic sector of the Southern Ocean but not during El NiÃ±o. Communications Biology, 2021, 4, 790.	4.4	20
6	Functional trait dimensions of trophic metacommunities. Ecography, 2021, 44, 1486-1500.	4.5	15
7	Humpback whale song recordings suggest common feeding ground occupation by multiple populations. Scientific Reports, 2021, 11, 18806.	3.3	10
8	Large-scale spatial variabilities in the humpback whale acoustic presence in the Atlantic sector of the Southern Ocean. Royal Society Open Science, 2020, 7, 201347.	2.4	15
9	Shell disease does not affect biochemical profiles of the North Sea brown shrimp Crangon crangon. Diseases of Aquatic Organisms, 2020, 141, 117-126.	1.0	2
10	Behavioural and neuronal basis of olfactory imprinting and kin recognition in larval fish. Journal of Experimental Biology, 2019, 222, .	1.7	24
11	Shell disease in Crangon crangon (Linnaeus, 1758): The interaction of temperature and stress response. Journal of Experimental Marine Biology and Ecology, 2018, 500, 105-111.	1.5	4
12	Physiology of juvenile hydroids - High food availability mitigates stress responses of Hydractinia echinata to increasing seawater temperatures. Journal of Experimental Marine Biology and Ecology, 2018, 508, 64-72.	1.5	6
13	Demerelate: calculating interindividual relatedness for kinship analysis based on codominant diploid genetic markers using R. Molecular Ecology Resources, 2017, 17, 1371-1377.	4.8	48
14	Identification of accessory olfactory system and medial amygdala in the zebrafish. Scientific Reports, 2017, 7, 44295.	3.3	53
15	Crypt cells are involved in kin recognition in larval zebrafish. Scientific Reports, 2016, 6, 24590.	3.3	52
16	A magnetic compass that might help coral reef fish larvae return to their natal reef. Current Biology, 2016, 26, R1266-R1267.	3.9	51
17	Cryptic species of cardinalfish with evidence for old and new divergence. Coral Reefs, 2016, 35, 437-450.	2.2	8
18	Population structuring in the monogonont rotifer <scp>S</scp>ynchaeta pectinata: high genetic divergence on a small geographical scale. Freshwater Biology, 2015, 60, 1364-1378.	2.4	15

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19	Sun Compass Orientation Helps Coral Reef Fish Larvae Return to Their Natal Reef. PLoS ONE, 2013, 8, e66039.	2.5	67
20	Kin recognition in zebrafish, Danio rerio, is based on imprinting on olfactory and visual stimuli. Animal Behaviour, 2013, 85, 925-930.	1.9	29
21	Olfactory imprinting is triggered by MHC peptide ligands. Scientific Reports, 2013, 3, 2800.	3.3	32
22	Reef Odor: A Wake Up Call for Navigation in Reef Fish Larvae. PLoS ONE, 2013, 8, e72808.	2.5	91
23	Species status and population structure of mussels (Mollusca: Bivalvia: Mytilus spp.) in the Wadden Sea of Lower Saxony (Germany). Organisms Diversity and Evolution, 2012, 12, 387-402.	1.6	10
24	Conservation Genetics of Remnant Coastal Brook Trout Populations at the Southern Limit of Their Distribution: Population Structure and Effects of Stocking. Transactions of the American Fisheries Society, 2012, 141, 1399-1410.	1.4	17
25	No Olfactory Recognition of Shell Disease in American Lobsters,Homarus americanus. Journal of Shellfish Research, 2012, 31, 527-532.	0.9	8
26	Broadcast Spawning by Pocillopora Species on the Great Barrier Reef. PLoS ONE, 2012, 7, e50847.	2.5	68
27	Influence of Kinship and MHC Class II Genotype on Visual Traits in Zebrafish Larvae (Danio rerio). PLoS ONE, 2012, 7, e51182.	2.5	14
28	Chemical signals and kin biased behaviour. , 2012, , 57-71.		4
29	How stable are the reef odor preferences of settling reef fish larvae?. Marine and Freshwater Behaviour and Physiology, 2011, 44, 133-141.	0.9	7
30	Tactical Release of a Sexually-Selected Pheromone in a Swordtail Fish. PLoS ONE, 2011, 6, e16994.	2.5	38
31	Calculations of population differentiation based on G_{ST} and D: forget G_{ST} but not all of statistics!. Molecular Ecology, 2010, 19, 3845-3852.	3.9	299
32	The behaviour and ecology of the zebrafish,Danio rerio. Biological Reviews, 2008, 83, 13-34.	10.4	850
33	Kin recognition in zebrafish: a 24-hour window for olfactory imprinting. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 2165-2170.	2.6	121
34	Smelling home can prevent dispersal of reef fish larvae. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 858-863.	7.1	380
35	Characterization of SSRs from the American lobster,Homarus americanus. Molecular Ecology Notes, 2007, 7, 330-332.	1.7	6
36	Characterization of new SSR-EST markers in cod, Gadus morhua. Molecular Ecology Notes, 2007, 7, 866-867.	1.7	2

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37	Benefits of kin association: related and familiar zebrafish larvae (Danio rerio) show improved growth. Behavioral Ecology and Sociobiology, 2007, 61, 1765-1770.	1.4	54
38	Humic Acid Interferes with Species Recognition in Zebrafish (Danio rerio). Journal of Chemical Ecology, 2007, 33, 2090-2096.	1.8	24
39	Kin and population recognition in sympatric Lake Constance perch (Perca fluviatilis L.): can assortative shoaling drive population divergence?. Behavioral Ecology and Sociobiology, 2006, 59, 461-468.	1.4	61
40	Kin recognition and inbreeding avoidance in zebrafish, Danio rerio, is based on phenotype matching. Animal Behaviour, 2006, 71, 1371-1377.	1.9	158
41	Pheromonal regulation of reproductive success in female zebrafish: female suppression and male enhancement. Animal Behaviour, 2006, 72, 1119-1124.	1.9	85
42	DNA microsatellites in the neon damselfish (Pomacentrus coelestis). Molecular Ecology Notes, 2005, 5, 424-426.	1.7	4
43	Characterization of EST derived SSRs from the bay scallop, Argopecten irradians. Molecular Ecology Notes, 2005, 5, 567-568.	1.7	27
44	DNA microsatellites in Acanthochromis polyacanthus. Molecular Ecology Notes, 2005, 5, 841-843.	1.7	3
45	Characterization and isolation of DNA microsatellite primers in the cardinalfish (Apogon) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.7	7
46	Characterization and isolation of DNA microsatellite primers in the spiny dogfish (Squalus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td	1.7	15
47	Sperm Load Impact on Female Courtship Behavior in the American Lobster (Homarus americanus). Biological Bulletin, 2004, 207, 155-155.	1.8	1
48	Social Interaction and Distribution of Female Zebrafish (Danio rerio) in a Large Aquarium. Biological Bulletin, 2002, 203, 240-241.	1.8	55
49	Reproductive skew, costs, and benefits of cooperative breeding in female wood mice (Apodemus) Tj ETQq1 1 0.784314 rgBT /Overloc	2.2	48
50	Multiple Paternity and Similar Variance in Reproductive Success of Male and Female Wood Mice (Apodemus sylvaticus) Housed in an Enclosure. Ethology, 2001, 107, 889-899.	1.1	27
51	Kin-structured subpopulations in Eurasian perch (Perca fluviatilis L.). Heredity, 2001, 86, 213-221.	2.6	92
52	Molecular Phylogeny of European Muroid Rodents Based on Complete Cytochrome b Sequences. Molecular Phylogenetics and Evolution, 2000, 16, 37-47.	2.7	138
53	Fragmentation of Landscape as a Cause for Genetic Subdivision in Bank Voles. Conservation Biology, 2000, 14, 1066-1074.	4.7	230
54	Characterization and isolation of DNA microsatellite primers in hyrax species (Procavia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (joh	3.9	7

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55	Characterization and isolation of DNA microsatellite primers in wood mice (Apodemus sylvaticus,) Tj ETQq1 1 0.784314 rgBT /Overlock	3.9	25
56	Emigration mechanisms in feral house mice - a laboratory investigation of the influence of social structure, population density, and aggression. Behavioral Ecology and Sociobiology, 1996, 39, 159-170.	1.4	67
57	Dispersal mechanisms in a captive wild house mouse population (Mus domesticus Rutty). Biological Journal of the Linnean Society, 1990, 41, 271-277.	1.6	48
58	The possible significance of interactions between soluble proteins in skeletal muscle. Biochemical Society Transactions, 1987, 15, 982-984.	3.4	6