

# Diane P Barton

## List of Publications by Year in descending order

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85  
papers

980  
citations

482844

16  
h-index

537477

26  
g-index

94  
all docs

94  
docs citations

94  
times ranked

4039  
citing authors

#	ARTICLE	IF	CITATIONS
1	The strength of actinideâ€“element bonds from the quantum theory of atoms-in-molecules. Dalton Transactions, 2015, 44, 2554-2566.	3.4	73
2	Introduced animals and their parasites: The cane toad, <i>Bufo marinus</i> , in Australia. Austral Ecology, 1997, 22, 316-324.	1.3	54
3	Correlating Early Evolution of Parasitic Platyhelminths to Gondwana Breakup. Systematic Biology, 2011, 60, 762-781.	6.0	49
4	Dynamics of natural infections of <i>Rhabdias</i> cf. <i>hylae</i> (Nematoda) in <i>Bufo marinus</i> (Amphibia) in Australia. Parasitology, 1998, 117, 505-513.	1.8	44
5	The Impact of Targeted Rheumatoid Arthritis Pharmacologic Treatment on Mental Health. Arthritis and Rheumatology, 2018, 70, 1377-1391.	6.8	42
6	Strong population structure deduced from genetics, otolith chemistry and parasite abundances explains vulnerability to localized fishery collapse in a large Sciaenid fish, <i>Protonibeia adianthus</i> . Evolutionary Applications, 2017, 10, 978-993.	3.2	35
7	Fluctuations of anisotropic flow in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.8	31
8	Ecology of helminth communities in tropical Australian amphibians. International Journal for Parasitology, 1999, 29, 921-926.	3.2	28
9	HOST-PARASITE RELATIONSHIPS DURING A BIOLOGIC INVASION: 75 YEARS POSTINVASION, CANE TOADS AND SYMPATRIC AUSTRALIAN FROGS RETAIN SEPARATE LUNGWORM FAUNAS. Journal of Wildlife Diseases, 2012, 48, 951-961.	0.8	27
10	The effects of Rubisco activase on C4 photosynthesis and metabolism at high temperature. Journal of Experimental Botany, 2007, 59, 1789-1798.	4.9	26
11	Minimally invasive video-assisted approach for partial and total thyroidectomy. Surgical Endoscopy and Other Interventional Techniques, 2001, 15, 1108-1111.	2.6	25
12	<i>Acanthocephalus bufonis</i> (Acanthocephala) from <i>Bufo marinus</i> (Bufonidae: Amphibia) in Hawaii. Parasite, 1999, 6, 269-272.	2.0	24
13	Characterisation of the tongue worm, <i>Linguatula serrata</i> (Pentastomida: Linguatulidae), in Australia. International Journal for Parasitology: Parasites and Wildlife, 2020, 11, 149-157.	1.6	24
14	Identification and Characterization of a Thermotolerant TILLING Allele of Heat Shock Binding Protein 1 in Tomato. Genes, 2019, 10, 516.	2.4	22
15	A redescription of <i>Calicotyle australis</i> Johnston, 1934 (Monogenea: Monocotylidae) from a new host, <i>Rhinobatos batillum</i> (Batiformes: Rhinobatidae), from Moreton Bay, Queensland. Systematic Parasitology, 1989, 14, 145-156.	1.1	21
16	Description and characterisation of <i>Terranova pectinolabiata</i> n. sp. (Nematoda: Anisakidae) in great hammerhead shark, <i>Sphyrna mokarran</i> (Rppell, 1837), in Australia. Parasitology Research, 2019, 118, 2159-2168.	1.6	20
17	Wild fish as reservoirs of parasites on Australian Murray cod farms. Aquaculture, 2021, 539, 736584.	3.5	16
18	HOTTIP Functions as a Key Candidate Biomarker in Head and Neck Squamous Cell Carcinoma by Integrated Bioinformatic Analysis. BioMed Research International, 2019, 2019, 1-13.	2.0	15

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19	<i>Raillietiella indica</i> (Pentastomida) from the Lungs of the Giant Toad, <i>Bufo marinus</i> (Amphibia), in Hawaii, U.S.A. <i>Comparative Parasitology</i> , 2004, 71, 251-254.	0.3	14
20	Two gonad-infecting species of <i>Philometra</i> (Nematoda: Philometridae) from marine fishes off the northern coast of Australia. <i>Parasite</i> , 2015, 22, 4.	2.0	14
21	A new genus of monogenean parasites (Capsalidae: Benedeniinae) from stingrays (Rajiformes: Tj ETQq1 1 0.784314 rgBT /Overlock 1 uarnakForsskÅ¥l from Queensland, Australia. <i>Journal of Natural History</i> , 1990, 24, 327-340.	0.5	13
22	Pentastomid Parasites of the Introduced Asian House Gecko, <i>Hemidactylus frenatus</i> (Gekkonidae), in Australia. <i>Comparative Parasitology</i> , 2007, 74, 254-259.	0.3	13
23	A morphological and genetic description of pentastomid infective nymphs belonging to the family Sebekidae Sambon, 1922 in fish in Australian waters. <i>Folia Parasitologica</i> , 2016, 63, .	1.4	13
24	Metal(loid) pollution, not urbanisation nor parasites predicts low body condition in a wetland bioindicator snake. <i>Environmental Pollution</i> , 2022, 295, 118674.	7.7	13
25	<i>Zeylanurotrerna spearei</i> sp.n. (Digenea: Brachylaimidae) from the cane toad, <i>Bufo marinus</i> , in Australia. <i>Zoologica Scripta</i> , 1991, 20, 207-213.	1.7	12
26	Helminth infracommunities in <i>Litoria genimaculata</i> (Amphibia: Anura) from Birthday Creek, and upland rainforest stream in Northern Queensland, Australia. <i>International Journal for Parasitology</i> , 1996, 26, 1381-1385.	3.2	12
27	Discovery of a series of 2-(1H-pyrazol-1-yl)pyridines as ALK5 inhibitors with potential utility in the prevention of dermal scarring. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 3392-3397.	2.3	12
28	A Redescription of <i>Serrasentis sagittifer</i> (Rhadinorhynchidae: Serrasentinae) from <i>Rachycentron canadum</i> (Rachycentridae) with Comments on its Biology and its Relationship to Other Species of <i>Serrasentis</i> . <i>Journal of Parasitology</i> , 2018, 104, 117.	0.7	11
29	Advances in the Application of Modified Nucleotides in SELEX Technology. <i>Biochemistry (Moscow)</i> , 2018, 83, 1161-1172.	1.6	11
30	Verification of rabbits as intermediate hosts for <i>Linguatula serrata</i> (Pentastomida) in Australia. <i>Parasitology Research</i> , 2020, 119, 1553-1562.	1.6	11
31	Occurrence and characterisation of tongue worms, <i>Linguatula</i> spp., in South Africa. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2020, 11, 268-281.	1.6	11
32	<i>Johnpearsoniagen. nov. andjohnpearsoniinaesubf. nov.</i> (Molineoidea, Nematoda) from <i>Bufo marinus</i> , with comments on the primitive <i>Trichostrongyle</i> parasites of Amphibians and Reptiles. <i>Parasite</i> , 1994, 1, 153-160.	2.0	9
33	A REDESCRIPTION OF THE AUSTRALIAN LEECH <i>PLACOBDELLOIDES BANCROFTI</i> WITH NEW RECORDS OF ITS DISTRIBUTION. <i>Journal of Parasitology</i> , 2005, 91, 117-121.	0.7	9
34	Wild fallow deer ( <i>Dama dama</i> ) as definitive hosts of <i>Fasciola hepatica</i> (liver fluke) in alpine New South Wales. <i>Australian Veterinary Journal</i> , 2020, 98, 546-549.	1.0	9
35	<i>Dermocystidium</i> sp. infection in farmed Murray cod, <i>Maccullochella peelii</i> . <i>Aquaculture</i> , 2020, 528, 735596.	3.5	9
36	Description and genetic characterisation of <i>Pulchrascaris australis</i> n. sp. in the scalloped hammerhead shark, <i>Sphyrna lewini</i> (Griffin & Smith) in Australian waters. <i>Parasitology Research</i> , 2020, 119, 1729-1742.	1.6	9

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37	New records of philometrids (Nematoda: Philometridae) from marine fishes off Australia, including description of four new species and erection of <i>Digitiphilometroides</i> gen. n.. <i>Folia Parasitologica</i> , 2018, 65, .	1.4	9
38	Three species of the genus <i>Dolichosaccus</i> Johnston, 1912 (Digenea: Telorchiiidae) from the introduced toad <i>Bufo marinus</i> (Amphibia: Bufonidae) in Australia, with the erection of <i>Meditypus</i> n. subg.. <i>Systematic Parasitology</i> , 1994, 29, 121-131.	1.1	8
39	Polyopisthocotylean monogeneans from carangid fishes off Queensland, Australia and New Caledonia, with a description of <i>Heteromicrocotyloides megaspinosus</i> sp. nov.. <i>Acta Parasitologica</i> , 2009, 54, .	1.1	8
40	New tissue-dwelling species of <i>Philometra</i> Costa, 1845 and <i>Philometroides</i> Yamaguti, 1935 (Nematoda: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30 Parasitology, 2016, 93, 623-637.	1.1	8
41	<i>Capillaria appendigera</i> n. sp. (Nematoda: Capillariidae) from the goldbanded jobfish <i>Pristipomoides multidens</i> (Day) (Lutjanidae) and new records of other intestinal capillariids from marine perciform fishes off Australia. <i>Systematic Parasitology</i> , 2018, 95, 55-64.	1.1	8
42	Description of <i>Piscicapillaria bursata</i> sp. nov. (Capillariidae) and Redescription of <i>Parascarophis sphyrnae</i> Campana-Rouget, 1955 (Cystidicolidae), Two Nematode Parasites of Hammerhead Sharks ( <i>Sphyrna</i> spp.) off Australia. <i>Acta Parasitologica</i> , 2019, 64, 429-441.	1.1	8
43	Characterization of <i>Clinostomum</i> sp. (Trematoda: Clinostomidae) infecting cormorants in south-eastern Australia. <i>Parasitology Research</i> , 2021, 120, 2793-2803.	1.6	8
44	Phylogenetic relationships of philometrid nematodes (Philometridae Baylis & Daubney, 1926) inferred from 18S rRNA, with molecular characterisation of recently described species. <i>Parasitology Research</i> , 2022, 121, 127-141.	1.6	6
45	Characterization of tongue worms, <i>Linguatula</i> spp. (Pentastomida) in Romania, with the first record of an unknown adult <i>Linguatula</i> from roe deer ( <i>Capreolus capreolus</i> Linnaeus). <i>Parasitology Research</i> , 2022, 121, 2379-2388.	1.6	6
46	Parasites of Selected Freshwater Snails in the Eastern Murray Darling Basin, Australia. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7236.	2.7	6
47	Acanthocephalan Cystacanths from Flatfish (Order Pleuronectiformes) in Tropical Australian Waters. <i>Journal of Parasitology</i> , 2015, 101, 429-435.	0.7	5
48	Genetic characterisation of cercarial stages of <i>Choanocotyle</i> Jue Sue and Platt, 1998 (Digenea: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30 Journal for Parasitology: Parasites and Wildlife, 2021, 16, 48-51.	1.6	5
49	Social media use in the context of the Personal Social Media Ecosystem Framework. <i>Journal of Communication</i> , 2023, 73, 25-37.	3.9	5
50	Zoonotic Parasites in Feral Animals Commonly Consumed in Australia – Is There a Risk?. <i>Current Clinical Microbiology Reports</i> , 2023, 10, 66-73.	3.3	5
51	Acanthocephalans from Australian elasmobranchs (Chondrichthyes) with a description of a new species in the genus <i>Gorgorhynchus</i> Chandler, 1934 (Rhadinorhynchidae). <i>Systematic Parasitology</i> , 2019, 96, 565-573.	1.1	4
52	Characterization, development and multiplexing of microsatellite markers in three commercially exploited reef fish and their application for stock identification. <i>PeerJ</i> , 2016, 4, e2418.	2.0	4
53	Occurrence of <i>Temnocephalidae</i> flatworms in Australia. <i>Journal of Natural History</i> , 2021, 55, 2879-2907.	0.5	4
54	Development of middle size full inâ€cell LCD module for PC with IGZO. <i>Journal of the Society for Information Display</i> , 2018, 26, 229-236.	2.2	3

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55	Parasitic copepods of the family Lernanthropidae Kabata, 1979 (Copepoda: Siphonostomatoida) from Australian fishes, with descriptions of seven new species. <i>Zootaxa</i> , 2020, 4736, zootaxa.4736.1.1.	0.6	3
56	<i>Philometra longa</i> n. sp. (Nematoda: Philometridae), a new parasite from the abdominal cavity of the eastern sea garfish <i>Hyporhamphus australis</i> (Hemiramphidae, Beloniformes) off Australia. <i>Systematic Parasitology</i> , 2021, 98, 167-175.	1.1	3
57	Two species of philometrid nematodes (Philometridae) newly recorded from marine fishes off South Australia, including <i>Philometra inconveniens</i> n. sp. from <i>Hyporhamphus melanochir</i> (Valenciennes) (Hemiramphidae). <i>Systematic Parasitology</i> , 2021, 98, 413-422.	1.1	3
58	A new species of <i>Cosmocerca</i> (Nematoda, Ascaridomorpha) from the marine toad <i>Rhinella marina</i> (Linnaeus) (Anura, Bufonidae) in Australia. <i>ZooKeys</i> , 2020, 931, 11-20.	0.7	3
59	Characterisation of Temnocephalidae flatworms in common Australian freshwater prawn, <i>Macrobrachium australiense</i> . <i>Scientific Reports</i> , 2022, 12, 1396.	3.4	3
60	28S rRNA sequences for <i>Linguatula</i> spp.. <i>Parasitology Research</i> , 2022, 121, 1799-1804.	1.6	3
61	Creation of Image Segmentation Classifiers for Sign Language Processing for Deaf and Dumb. , 2020, , .		2
62	Infection of <i>Hexameta angusticaecoides</i> Chabaud & Brygoo, 1960 (Nematoda: Ascarididae) in a population of captive crested geckoes, <i>Correlophus ciliatus</i> Guichenot (Reptilia: Tj ETQq0 0 0 rgBT /Overload10 Tf 50 457 Td (D		2
63	TELEMENTORING IN TIMES OF COVID-19 FOR TRAINING IN GENERAL SURGERY. <i>British Journal of Surgery</i> , 2021, 108, .	0.3	2
64	Implicaciones pronósticas de los Índices fisiológicos coronarios en pacientes con diabetes mellitus. <i>Revista Espanola De Cardiologia</i> , 2020, 74, 682-682.	1.4	2
65	Occurrence and molecular identification of <i>Monogenea</i> from blue-spotted flathead <i>Platycephalus caeruleopunctatus</i> (Scorpaeniformes: Platycephalidae) in Australian waters. <i>Parasitology Research</i> , 2022, 121, 573-590.	1.6	2
66	<i>Dolichoperoides macalpini</i> (Nicoll, 1914) (Digenea: Dolichoperoididae) infecting venomous snakes (Elapidae) across Australia: molecular characterisation and infection parameters. <i>Parasitology Research</i> , 2022, 121, 1663-1670.	1.6	2
67	Two new parasitic copepods of the family Sphyrriidae (Copepoda: Siphonostomatoida) from Australian elasmobranchs. <i>Systematic Parasitology</i> , 0, , .	1.1	2
68	Are feral goats intermediate hosts for <i>Linguatula</i> (Pentastomida) in Australia?. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2022, 18, 283-286.	1.6	2
69	Molecular characterisation of the <i>Monogenea</i> parasites of blue mackerel <i>Scomber australasicus</i> (Perciformes: Scombridae) in Australian waters. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2022, 19, 115-127.	1.6	2
70	Nematode and Acanthocephalan Parasites of Confiscated Sunda pangolins, <i>Manis javanica</i> Desmarest, 1822 (Mammalia: Pholidota: Manidae), with an Updated List of the Parasites of Pangolins. <i>Diversity</i> , 2022, 14, 1039.	1.7	2
71	Tongue Worm (Pentastomida) Parasites of North American Herpetofauna: Checklist of Species, Identification Key, and New State and Host Records from Mexico. <i>Journal of Parasitology</i> , 2022, 108, .	0.7	2
72	Freshwater fish as hosts for parasites in Australia: How much do we really know?. <i>Ecology of Freshwater Fish</i> , 2024, 33, .	1.4	2

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73	New MCP reflection x-ray-sensitive film of variable density halide. , 2002, 4919, 401.		1
74	Verification of the Spotted-Tail Quoll, <i>Dasyurus maculatus</i> , as a Definitive Host for the Pentastomid <i>Linguatula</i> sp. in Australia. <i>Acta Parasitologica</i> , 2021, 66, 1292-1296.	1.1	1
75	The taxonomic position of <i>Anoploetaenia dasyuri</i> (Cestoda) as inferred from molecular sequences. <i>Parasitology</i> , 2021, 148, 1697-1705.	1.8	1
76	Elasmobranchs from Indonesian Waters: Feeding Ecology and Trypanorhynch Cestode Fauna Composition to Support Efforts in Shark and Ray Conservation. <i>Acta Parasitologica</i> , 2022, 67, 1612-1625.	1.1	1
77	Description of two new species of <i>Diplectanum</i> Diesing, 1858 (Monogenea: Diplectanidae) collected from <i>Protonibea diacanthus</i> (Lacepède, 1802) (Teleostei: Sciaenidae) from waters off northern Australia. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2023, 21, 99-109.	1.6	1
78	Adult Tapeworm (Platyhelminthes: Cestoda) Parasites of North American Herpetofauna: Checklist of Species and Identification Key to Families and Genera. <i>Journal of Parasitology</i> , 2023, 109, .	0.7	1
79	The first finding of <i>Dictyocaulus cervi</i> and <i>Dictyocaulus skrjabini</i> (Nematoda) in feral fallow deer ( <i>Dama dama</i> ) in Australia. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2024, 24, 100953.	1.6	1
80	Nematodes from the Tasmanian devil ( <i>Sarcophilus harrisi</i> (Boitard)), with the description of <i>Sarcophiloxyuris longus</i> n. gen. and n. sp. (Oxyuridae). <i>Journal of Helminthology</i> , 2021, 95, e38.	1.0	0
81	Anti-NMDAR encephalitis associated with relapsing optic neuritis. <i>Zhurnal Nevrologii I Psikhatrii Imeni S S Korsakova</i> , 2020, 120, 105.	0.7	0
82	Stakeholder-Based Methods to Develop a Toolkit to Promote Engagement in Assisted Living Safety. <i>Innovation in Aging</i> , 2021, 5, 343-343.	0.1	0
83	The Presence of a Parasite in the Head Tissues of a Threatened Fish ( <i>Bidyanus bidyanus</i> , Terapontidae) from South-Eastern Australia. <i>Pathogens</i> , 2023, 12, 1296.	2.9	0
84	Pentastomes in Australian Reptiles and Amphibians: A Review of the History and a Checklist of Records. <i>Journal of Parasitology</i> , 2024, 110, .	0.7	0
85	Stability Analysis of Small Oscillations of a Weather Vane in a Quasi-Static Medium Flow. <i>Springer Geology</i> , 2024, , 33-40.	0.0	0