

# Stephen Gallagher

## List of Publications by Year in descending order

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96  
papers

2,552  
citations

172457

29  
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233421

45  
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all docs

105  
docs citations

105  
times ranked

2142  
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate and sea-level controlling internal architecture of a Quaternary carbonate ramp (Northwest) Tj ETQq1 1 0.784314 rrgBT /Overlo	3.1	5
2	Geology, geochemistry and depositional history of the Port Campbell Limestone on the eastern flank of the Otway Basin, southeastern Australia. Australian Journal of Earth Sciences, 2022, 69, 509-538.	1.0	3
3	Rapid expansion of meso-megathermal rain forests into the southern high latitudes at the onset of the Paleocene-Eocene Thermal Maximum. Geology, 2021, 49, 40-44.	4.4	24
4	Dating the Northwest Shelf of Australia Since the Pliocene. Geochemistry, Geophysics, Geosystems, 2021, 22, e2020GC009418.	2.5	11
5	Quantitative compaction trends of Miocene to Holocene carbonates off the west coast of Australia. Australian Journal of Earth Sciences, 2021, 68, 1149-1161.	1.0	8
6	Quaternary environments and monsoonal climate off northwest Australia: Palynological evidence from Ocean Drilling Program Site 765. Quaternary Science Reviews, 2021, 259, 106917.	3.0	1
7	Linkages Between East China Sea Deep-sea Oxygenation and Variability in the East Asian Summer Monsoon and Kuroshio Current Over the Last 400,000 Years. Paleoceanography and Paleoclimatology, 2021, 36, .	2.9	3
8	A Cenozoic Great Barrier Reef on Australia's North West shelf. Global and Planetary Change, 2020, 184, 103048.	3.5	22
9	Denuding a Craton: Thermochronology Record of Phanerozoic Unroofing From the Pilbara Craton, Australia. Tectonics, 2020, 39, e2019TC005988.	2.8	12
10	Palaeobiogeographical affinities and palaeoceanographical significance of late Cretaceous Ostracoda (Crustacea) from Voluta-1, Otway Basin, southeastern Australia. Alcheringa, 2020, 44, 555-564.	1.2	2
11	Palynological-age determination of Early Cretaceous vertebrate-bearing beds along the south Victorian coast of Australia, with implications for the spore-pollen biostratigraphy of the region. Alcheringa, 2020, 44, 460-474.	1.2	17
12	Eocene to Oligocene high paleolatitude neritic record of Oi-1 glaciation in the Otway Basin southeast Australia. Global and Planetary Change, 2020, 191, 103218.	3.5	8
13	Reversible subsidence on the North West Shelf of Australia. Earth and Planetary Science Letters, 2020, 534, 116070.	4.4	11
14	Surface-circulation change in the southwest Pacific Ocean across the Middle Eocene Climatic Optimum: inferences from dinoflagellate cysts and biomarker paleothermometry. Climate of the Past, 2020, 16, 1667-1689.	3.4	17
15	Australian Summer Monsoon variability in the past 14,000 years revealed by IODP Expedition 356 sediments. Progress in Earth and Planetary Science, 2019, 6, .	3.0	21
16	Paleoceanographic evolution of the Japan Sea over the last 460 kyr – A coccolithophore perspective. Marine Micropaleontology, 2019, 152, 101720.	1.2	10
17	Long-lived transcontinental sediment transport pathways of East Gondwana. Geology, 2019, 47, 513-516.	4.4	34
18	Finding Dry Spells in Ocean Sediments. Oceanography, 2019, 32, 60-63.	1.0	6

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19	Timing and Pacing of Indonesian Throughflow Restriction and Its Connection to Late Pliocene Climate Shifts. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 635-657.	2.9	53
20	Increased fluvial runoff terminated inorganic aragonite precipitation on the Northwest Shelf of Australia during the early Holocene. <i>Scientific Reports</i> , 2019, 9, 18356.	3.3	20
21	Two new species of the echinoid genus <i>Monostychia</i> from the Miocene of Victoria and a redescription of <i>M. etheridgei</i> Tenison-Woods, 1877. <i>Alcheringa</i> , 2019, 43, 279-290.	1.2	0
22	Palaeoenvironments and palaeocommunities from Lower Cretaceous high-latitude sites, Otway Basin, southeastern Australia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 496, 62-84.	2.3	24
23	High-resolution and high-precision correlation of dark and light layers in the Quaternary hemipelagic sediments of the Japan Sea recovered during IODP Expedition 346. <i>Progress in Earth and Planetary Science</i> , 2018, 5, .	3.0	55
24	The effect of flexural isostasy on delta architecture: implications for the Mungaroo Formation. <i>ASEG Extended Abstracts</i> , 2018, 2018, 1-7.	0.1	0
25	The enigma of rare Quaternary oolites in the Indian and Pacific Oceans: A result of global oceanographic physicochemical conditions or a sampling bias?. <i>Quaternary Science Reviews</i> , 2018, 200, 114-122.	3.0	20
26	Geomechanical prestack depth migration of the Kraken 3D (Browse Basin, Australia). <i>ASEG Extended Abstracts</i> , 2018, 2018, 1-8.	0.1	0
27	New age controls on Oligocene and Miocene sediments in southeastern Australia. <i>Review of Palaeobotany and Palynology</i> , 2018, 256, 20-31.	1.5	13
28	Neogene siliciclastic deposition and climate variability on a carbonate margin: Australian Northwest Shelf. <i>Marine Geology</i> , 2018, 403, 285-300.	2.1	11
29	Integrated tephrostratigraphy and stable isotope stratigraphy in the Japan Sea and East China Sea using IODP Sites U1426, U1427, and U1429, Expedition 346 Asian Monsoon. <i>Progress in Earth and Planetary Science</i> , 2018, 5, .	3.0	47
30	The amplifying effect of Indonesian Throughflow heat transport on Late Pliocene Southern Hemisphere climate cooling. <i>Earth and Planetary Science Letters</i> , 2018, 500, 15-27.	4.4	30
31	East Asian Monsoon History and Paleoceanography of the Japan Sea Over the Last 460,000 Years. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 683-702.	2.9	33
32	Identification of the Paleocene–Eocene boundary in coastal strata in the Otway Basin, Victoria, Australia. <i>Journal of Micropalaeontology</i> , 2018, 37, 317-339.	3.6	21
33	Three new species of the echinoid genus <i>Monostychia</i> Laube, 1869 from Western Australia. <i>Alcheringa</i> , 2017, 41, 464-473.	1.2	1
34	Low-frequency hearing preceded the evolution of giant body size and filter feeding in baleen whales. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162528.	2.6	21
35	Quantifying $K$ , $U$ , and $T$ h contents of marine sediments using shipboard natural gamma radiation spectra measured on $DV$ JOIDES Resolution. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1053-1064.	2.5	74
36	Australian shelf sediments reveal shifts in Miocene Southern Hemisphere westerlies. <i>Science Advances</i> , 2017, 3, e1602567.	10.3	71

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37	Indonesian Throughflow drove Australian climate from humid Pliocene to arid Pleistocene. <i>Geophysical Research Letters</i> , 2017, 44, 6914-6925.	4.0	83
38	New Miocene Fossils and the History of Penguins in Australia. <i>PLoS ONE</i> , 2016, 11, e0153915.	2.5	5
39	Pliocene Mollusca (Bivalvia, Gastropoda) from the SÅrsdal Formation, Marine Plain, Vestfold Hills, East Antarctica: taxonomy and implications for Antarctic Pliocene palaeoenvironments. <i>Alcheringa</i> , 2016, 40, 556-582.	1.2	4
40	Morphologies and depositional/erosional controls on evolution of Pliocene-Pleistocene carbonate platforms: Northern Carnarvon Basin, Northwest Shelf of Australia. <i>Continental Shelf Research</i> , 2016, 124, 63-82.	1.8	10
41	Early angiosperm diversification in the Albian of southeast Australia: implications for flowering plant radiation across eastern Gondwana. <i>Review of Palaeobotany and Palynology</i> , 2016, 232, 61-80.	1.5	22
42	A review of the taxonomy and systematics of the echinoid genus <i>Monostychia</i> Laube, 1869. <i>Alcheringa</i> , 2016, 40, 341-353.	1.2	3
43	Submarine Landslides and Incised Canyons of the Southeast Queensland Continental Margin. <i>Advances in Natural and Technological Hazards Research</i> , 2016, , 125-134.	1.1	7
44	IODP Expedition 356: Drilling to reveal a 5 million year carbonate and subsidence history on the Northwest Shelf of Australia. <i>ASEG Extended Abstracts</i> , 2015, 2015, 1-4.	0.1	0
45	The Pliocene to recent history of the Kuroshio and Tsushima Currents: a multi-proxy approach. <i>Progress in Earth and Planetary Science</i> , 2015, 2, .	3.0	140
46	Cheirolepidiacean foliage and pollen from Cretaceous high-latitudes of southeastern Australia. <i>Gondwana Research</i> , 2015, 27, 960-977.	6.0	55
47	The development of a climate: an arid continent with wet fringes. , 2014, , 256-282.		2
48	Seismic and stratigraphic evidence for reef expansion and onset of aridity on the Northwest Shelf of Australia during the Pleistocene. <i>Marine and Petroleum Geology</i> , 2014, 57, 470-481.	3.3	42
49	High latitude Albian climate variability: Palynological evidence for long-term drying in a greenhouse world. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 386, 501-511.	2.3	19
50	Annual sea surface temperature lag as an indicator of regional climate variability. <i>International Journal of Climatology</i> , 2013, 33, 2309-2317.	3.5	3
51	A near-field sea level record of East Antarctic Ice Sheet instability from 32 to 27 Myr. <i>Paleoceanography</i> , 2013, 28, 1-13.	3.0	36
52	Scientific Drilling in the Southwest Pacific Ocean. <i>Eos</i> , 2013, 94, 101-101.	0.1	0
53	The evolution of the Tsushima Current during the early Pleistocene in the Sea of Japan: An example from marine isotope stage (MIS) 47. <i>Global and Planetary Change</i> , 2012, 92-93, 162-178.	3.5	10
54	Scientific drilling in the Indian Ocean. <i>Eos</i> , 2012, 93, 70-70.	0.1	0

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55	Shallow water mud-mounds of the Early Devonian Buchan Group, East Gippsland, Australia. <i>Sedimentary Geology</i> , 2012, 281, 208-221.	2.1	9
56	A new subdivision of the Albian spore-pollen zonation of Australia. <i>Review of Palaeobotany and Palynology</i> , 2012, 171, 57-72.	1.5	24
57	Palaeogeographic, climatic and tectonic change in southeastern Australia: the Late Neogene evolution of the Murray Basin. <i>Quaternary Science Reviews</i> , 2011, 30, 1086-1111.	3.0	41
58	Paleogene basalts prove early uplift of Victoria's Eastern Uplands. <i>Australian Journal of Earth Sciences</i> , 2011, 58, 95-99.	1.0	3
59	Did Port Phillip Bay nearly dry up between $\sim$ 2800 and 1000 cal. yr BP? Bay floor channelling evidence, seismic and core dating. <i>Australian Journal of Earth Sciences</i> , 2011, 58, 157-175.	1.0	21
60	Age constraints on Oligocene sedimentation in the Torquay Basin, southeastern Australia. <i>Australian Journal of Earth Sciences</i> , 2009, 56, 595-604.	1.0	16
61	Revised stratigraphy of the Blanchetown Clay, Murray Basin: age constraints on the evolution of paleo Lake Bungunna. <i>Australian Journal of Earth Sciences</i> , 2009, 56, 259-270.	1.0	14
62	Biostratigraphy and macroinvertebrate palaeontology of the petroleum-rich Belfast Mudstone (Sherbrook Group, uppermost Turonian to mid-Santonian), Otway Basin, southeastern Australia. <i>Cretaceous Research</i> , 2009, 30, 873-884.	1.4	5
63	Eocene-Miocene carbon-isotope and floral record from brown coal seams in the Gippsland Basin of southeast Australia. <i>Global and Planetary Change</i> , 2009, 65, 89-103.	3.5	50
64	Neogene history of the West Pacific Warm Pool, Kuroshio and Leeuwin currents. <i>Paleoceanography</i> , 2009, 24, .	3.0	89
65	Southern high latitude climate variability in the Late Cretaceous greenhouse world. <i>Global and Planetary Change</i> , 2008, 60, 351-364.	3.5	26
66	No mountains to snow on: major post-Eocene uplift of the East Victoria Highlands; evidence from Cenozoic deposits. <i>Australian Journal of Earth Sciences</i> , 2008, 55, 211-234.	1.0	51
67	Revised Oligo-Miocene stratigraphy of the Murray Basin, southeast Australia. <i>Australian Journal of Earth Sciences</i> , 2007, 54, 837-849.	1.0	16
68	Marine geology of the Quaternary Bass Canyon system, southeast Australia: A cool-water carbonate system. <i>Marine Geology</i> , 2007, 237, 71-96.	2.1	55
69	The Middle Miocene Yallourn coal seam - The last coal in Australia. <i>International Journal of Coal Geology</i> , 2007, 70, 95-115.	5.0	36
70	Late Cretaceous palynological correlation and environmental analyses of fluvial reservoir facies of the Tuna Field, Gippsland Basin, southeast Australia. <i>Review of Palaeobotany and Palynology</i> , 2006, 138, 165-186.	1.5	14
71	Biostratigraphy, microfacies and depositional environments of upper Viséan limestones from the Burren region, County Clare, Ireland. <i>Geological Journal</i> , 2006, 41, 61-91.	1.3	33
72	Cenozoic fault control on deep lead palaeoriver systems, Central Highlands, Victoria. <i>Australian Journal of Earth Sciences</i> , 2006, 53, 445-468.	1.0	19

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73	Late Cretaceous dysoxia in a southern high latitude siliciclastic succession, the Otway Basin, southeastern Australia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 223, 317-348.	2.3	14
74	FORAMINIFERAL BIOFACIES OF THE MIOCENE WARM TO COOL CLIMATIC TRANSITION IN THE PORT PHILLIP BASIN, SOUTHEASTERN AUSTRALIA. <i>Journal of Foraminiferal Research</i> , 2004, 34, 294-307.	0.5	12
75	Cenozoic stratigraphic succession in southeastern Australia. <i>Australian Journal of Earth Sciences</i> , 2004, 51, 459-496.	1.0	148
76	Middle to Upper Eocene stratigraphic nomenclature and deposition in the Eucla Basin. <i>Australian Journal of Earth Sciences</i> , 2003, 50, 231-248.	1.0	41
77	Pliocene-Pleistocene tectonics and eustasy in the Gippsland Basin, southeast Australia: Evidence from magnetic imagery and marine geological data. <i>Australian Journal of Earth Sciences</i> , 2003, 50, 403-426.	1.0	38
78	The Pliocene climatic and environmental evolution of southeastern Australia: evidence from the marine and terrestrial realm. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003, 193, 349-382.	2.3	64
79	The Recent foraminifera and facies of the Bass Canyon: a temperate submarine canyon in Gippsland, Australia. <i>Journal of Micropalaeontology</i> , 2003, 22, 63-83.	3.6	14
80	Origin and Timing of the Miocene-Pliocene Unconformity in Southeast Australia. <i>Journal of Sedimentary Research</i> , 2002, 72, 288-303.	1.6	136
81	Tertiary coal geology and stratigraphy of the Port Phillip Basin, Victoria. <i>Australian Journal of Earth Sciences</i> , 2002, 49, 437-453.	1.0	11
82	The Miocene palaeoenvironmental and palaeoceanographic evolution of the Gippsland Basin, Southeast Australia: a record of Southern Ocean change. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2001, 172, 53-80.	2.3	67
83	The Recent temperate foraminiferal biofacies of the Gippsland Shelf: an analogue for Neogene environmental analyses in southeastern Australia. <i>Journal of Micropalaeontology</i> , 2001, 20, 127-142.	3.6	13
84	Marine geology of Port Phillip, Victoria. <i>Australian Journal of Earth Sciences</i> , 2001, 48, 439-455.	1.0	24
85	Geology of coal-bearing Palaeogene sediments, onshore Torquay Basin, Victoria. <i>Australian Journal of Earth Sciences</i> , 2001, 48, 657-679.	1.0	11
86	Geology of coal-bearing Palaeogene sediments, onshore Torquay Basin, Victoria. <i>Australian Journal of Earth Sciences</i> , 2001, 48, 657.	1.0	10
87	A review of the Traralgon Formation in the Gippsland Basin – a world class brown coal resource. <i>International Journal of Coal Geology</i> , 2000, 45, 55-84.	5.0	36
88	Foraminiferal response to Holocene environmental changes of a tidal estuary in Victoria, southeastern Australia. <i>Marine Micropaleontology</i> , 2000, 38, 229-246.	1.2	16
89	The palaeogeographic and palaeoenvironmental evolution of a Palaeogene mixed carbonate-siliciclastic cool-water succession in the Otway Basin, Southeast Australia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2000, 156, 19-50.	2.3	37
90	Foraminiferal biofacies and palaeoenvironmental evolution of an Oligo-Miocene cool-water carbonate succession in the Otway Basin, southeast Australia. <i>Journal of Micropalaeontology</i> , 1999, 18, 143-168.	3.6	21

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91	Controls on the distribution of calcareous Foraminifera in the Lower Carboniferous of Ireland. <i>Marine Micropaleontology</i> , 1998, 34, 187-211.	1.2	52
92	Late Dinantian (Lower Carboniferous) platform carbonate stratigraphy of the Buttevant area North Co. Cork, Ireland. <i>Geological Journal</i> , 1997, 32, 313-335.	1.3	41
93	MICROFOSSIL PALEOENVIRONMENTS AND SEQUENCE STRATIGRAPHY OF TERTIARY COOL-WATER CARBONATES, ONSHORE GIPPSLAND BASIN, SOUTHEASTERN AUSTRALIA. , 1997, , 205-220.		17
94	The stratigraphy and cyclicity of the late Dinantian platform carbonates in parts of southern and western Ireland. <i>Geological Society Special Publication</i> , 1996, 107, 239-251.	1.3	21
95	Spinel lherzolite and other xenoliths from a dolerite dyke in southwest Donegal. <i>Geological Magazine</i> , 1990, 127, 177-180.	1.5	6
96	Exploring new drilling prospects in the southwest Pacific. <i>Scientific Drilling</i> , 0, 17, 45-50.	0.6	1