

# Susan H Brawley

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

2,261  
citations

687363

13  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

2734  
citing authors

#	ARTICLE	IF	CITATIONS
1	Algae as nutritional and functional food sources: revisiting our understanding. <i>Journal of Applied Phycology</i> , 2017, 29, 949-982.	2.8	984
2	Porphyra: a marine crop shaped by stress. <i>Trends in Plant Science</i> , 2011, 16, 29-37.	8.8	324
3	Insights into the red algae and eukaryotic evolution from the genome of <i>Porphyra umbilicalis</i> (Bangiophyceae, Rhodophyta). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6361-E6370.	7.1	233
4	SURVIVAL OF FUCOID EMBRYOS IN THE INTERTIDAL ZONE DEPENDS UPON DEVELOPMENTAL STAGE AND MICROHABITAT. <i>Journal of Phycology</i> , 1991, 27, 179-186.	2.3	166
5	Diversity and Abundance of the Bacterial Community of the Red Macroalga <i>Porphyra umbilicalis</i> : Did Bacterial Farmers Produce Macroalgae?. <i>PLoS ONE</i> , 2013, 8, e58269.	2.5	122
6	Gametogenesis, gametes and zygotes: An ecological perspective on sexual reproduction in the algae. <i>British Phycological Journal</i> , 1992, 27, 233-252.	1.2	108
7	STUDIES OF MESOHERBIVORY IN AQUARIA AND IN AN UNBARRICADED MARICULTURE FARM ON THE CHINESE COAST. <i>Journal of Phycology</i> , 1987, 23, 614-623.	2.3	80
8	Genome Analysis of Planctomycetes Inhabiting Blades of the Red Alga <i>Porphyra umbilicalis</i> . <i>PLoS ONE</i> , 2016, 11, e0151883.	2.5	39
9	Sublethal stress in the intertidal zone: tidal emersion inhibits photosynthesis and retards development in embryos of the brown alga <i>Pelvetia fastigiata</i> . <i>Oecologia</i> , 1993, 96, 483-492.	2.0	38
10	Resilience of cold water aquaculture: a review of likely scenarios as climate changes in the Gulf of Maine. <i>Reviews in Aquaculture</i> , 2021, 13, 460-503.	9.0	27
11	A common garden experiment with <i>Porphyra umbilicalis</i> (Rhodophyta) evaluates methods to study spatial differences in the macroalgal microbiome. <i>Journal of Phycology</i> , 2018, 54, 653-664.	2.3	25
12	RECENT VERSUS RELIC: DISCERNING THE GENETIC SIGNATURE OF <i>FUCUS VESICULOSUS</i> (HETEROKONTOPHYTA; PHAEOPHYCEAE) IN THE NORTHWESTERN ATLANTIC. <i>Journal of Phycology</i> , 2009, 45, 828-837.	2.3	24
13	SPECIES-SPECIFIC CHARACTERISTICS EXPLAIN THE PERSISTENCE OF STIGEOCLONIUM TENUE (CHLOROPHYTA) IN A WOODLAND STREAM. <i>Journal of Phycology</i> , 1996, 32, 54-63.	2.3	23
14	The microbiome of the habitat-forming brown alga <i>Fucus vesiculosus</i> (Phaeophyceae) has similar cross-Atlantic structure that reflects past and present drivers. <i>Journal of Phycology</i> , 2021, 57, 1681-1698.	2.3	17
15	Bacterial Communities Show Algal Host ( <i>Fucus</i> spp.)/Zone Differentiation Across the Stress Gradient of the Intertidal Zone. <i>Frontiers in Microbiology</i> , 2020, 11, 563118.	3.5	16
16	SEPTAL PLUGS IN A GREEN ALGA. <i>American Journal of Botany</i> , 1982, 69, 455-463.	1.7	11
17	Unexpected reproductive traits of <i>Grateloupia turuturu</i> revealed by its resistance to bleach-based biosecurity protocols. <i>Botanica Marina</i> , 2019, 62, 83-96.	1.2	7
18	Observations of exocytosis in <i>fucus vesiculosus</i> gametes using video-enhanced light microscopy: A video report. <i>Cell Motility</i> , 1984, 4, 25-27.	1.8	6

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19	<i>Porphyra umbilicalis</i> in applied and basic research: reproductive phenology, development, seed stock culture, and a field trial for aquaculture. <i>Journal of Applied Phycology</i> , 2019, 31, 547-560.	2.8	4
20	Cytoskeletal diversification across 1 billion years: What red algae can teach us about the cytoskeleton, and vice versa. <i>BioEssays</i> , 2021, 43, 2000278.	2.5	4
21	More than meets the eye: regional specialisation and microbial cover of the blade of <i>Porphyra umbilicalis</i> (Bangiophyceae, Rhodophyta). <i>Botanica Marina</i> , 2018, 61, 459-465.	1.2	3