

# Dean E Wendt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3224959/publications.pdf>

Version: 2024-02-01

36  
papers

1,746  
citations

279798

23  
h-index

361022

35  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1579  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metamorphosis Is Not a New Beginning. <i>BioScience</i> , 1998, 48, 901-910.	4.9	309
2	Photocurable Amphiphilic Perfluoropolyether/Poly(ethylene glycol) Networks for Fouling-Release Coatings. <i>Macromolecules</i> , 2011, 44, 878-885.	4.8	120
3	Fouling-Release Performance of Silicone Oil-Modified Siloxane-Polyurethane Coatings. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 29025-29036.	8.0	115
4	Barnacle settlement and the adhesion of protein and diatom microfouling to xerogel films with varying surface energy and water wettability. <i>Biofouling</i> , 2010, 26, 657-666.	2.2	97
5	Evaluation of the performance enhancement of silicone biofouling-release coatings by oil incorporation. <i>Biofouling</i> , 2000, 15, 141-150.	2.2	96
6	Silicone Foul Release Coatings: Effect of the Interaction of Oil and Coating Functionalities on the Magnitude of Macrofouling Attachment Strengths. <i>Biofouling</i> , 2003, 19, 71-82.	2.2	95
7	Hybrid xerogel films as novel coatings for antifouling and fouling release. <i>Biofouling</i> , 2005, 21, 59-71.	2.2	89
8	Structure-Property Relationships of Silicone Biofouling-Release Coatings: Effect of Silicone Network Architecture on Pseudobarnacle Attachment Strengths. <i>Biofouling</i> , 2003, 19, 87-94.	2.2	79
9	Investigation of the role of hydrophilic chain length in amphiphilic perfluoropolyether/poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Over	2.2	89
10	Interspecific variation in patterns of adhesion of marine fouling to silicone surfaces. <i>Biofouling</i> , 2006, 22, 233-243.	2.2	49
11	Antifouling character of "active" hybrid xerogel coatings with sequestered catalysts for the activation of hydrogen peroxide. <i>Biofouling</i> , 2009, 25, 21-33.	2.2	49
12	A comparison of the antifouling/foul-release characteristics of non-biocidal xerogel and commercial coatings toward micro- and macrofouling organisms. <i>Biofouling</i> , 2012, 28, 511-523.	2.2	48
13	The control of marine biofouling on xerogel surfaces with nanometer-scale topography. <i>Biofouling</i> , 2011, 27, 137-149.	2.2	45
14	Variation in Responses of Fishes across Multiple Reserves within a Network of Marine Protected Areas in Temperate Waters. <i>PLoS ONE</i> , 2015, 10, e0118502.	2.5	45
15	Utilizing Fishermen Knowledge and Expertise: Keys to Success for Collaborative Fisheries Research. <i>Fisheries</i> , 2011, 36, 593-605.	0.8	43
16	Collaborative Research: An Effective Way to Collect Data for Stock Assessments and Evaluate Marine Protected Areas in California. <i>Marine and Coastal Fisheries</i> , 2009, 1, 315-324.	1.4	42
17	Inhibition of barnacle ( <i>Amphibalanus amphitrite</i> ) cyprid settlement by means of localized, pulsed electric fields. <i>Biofouling</i> , 2008, 24, 177-184.	2.2	33
18	Managing Bay and Estuarine Ecosystems for Multiple Services. <i>Estuaries and Coasts</i> , 2015, 38, 35-48.	2.2	32

#	ARTICLE	IF	CITATIONS
19	Ontogenies of Phototactic Behavior and Metamorphic Competence in Larvae of Three Species of Bugula (Bryozoa). <i>Invertebrate Biology</i> , 1999, 118, 75.	0.9	30
20	Induction of Larval Settlement by KCl in Three Species of Bugula (Bryozoa). <i>Invertebrate Biology</i> , 1995, 114, 345.	0.9	29
21	Synthesis of $\pm$ , $\%$ -Bis Epoxy Oligo (1 $\text{\AA}$ -H,1 $\text{\AA}$ -H,2 $\text{\AA}$ -H,2 $\text{\AA}$ -H-Perfluoroalkyl Siloxane)s and Properties of Their Photo-Acid Cross-Linked Films. <i>Chemistry of Materials</i> , 2004, 16, 2433-2441.	6.7	29
22	Using latent effects to determine the ecological importance of dissolved organic matter to marine invertebrates. <i>Integrative and Comparative Biology</i> , 2006, 46, 634-642.	2.0	28
23	Temporal and spatial variations in macrofouling of silicone fouling-release coatings. <i>Biofouling</i> , 2000, 16, 311-322.	2.2	25
24	Comparison of laboratory and field testing performance evaluations of siloxane-polyurethane fouling-release marine coatings. <i>Biofouling</i> , 2016, 32, 949-968.	2.2	25
25	Spontaneous multiscale phase separation within fluorinated xerogel coatings for fouling-release surfaces. <i>Biofouling</i> , 2012, 28, 143-157.	2.2	19
26	Big changes to a small bay: introduced species and long-term compositional shifts to the fouling community of Morro Bay (CA). <i>Biological Invasions</i> , 2013, 15, 1231-1251.	2.4	19
27	On the mechanism of marine fouling-prevention performance of oil-containing silicone elastomers. <i>Scientific Reports</i> , 2022, 12, .	3.3	14
28	Trophic cascades in an invaded ecosystem: native keystone predators facilitate a dominant invader in an estuarine community. <i>Oikos</i> , 2015, 124, 1282-1292.	2.7	13
29	Investigation of larval settlement pathways in the marine bryozoan, Bugula neritina. <i>Journal of Experimental Marine Biology and Ecology</i> , 2017, 486, 69-76.	1.5	11
30	Long-term participation in collaborative fisheries research improves angler opinions on marine protected areas. <i>PeerJ</i> , 2020, 8, e10146.	2.0	11
31	A collaborative approach to investigate site fidelity, home range, and homing behavior of cabezon ( <i>Scorpaenichthys marmoratus</i> ). <i>Fisheries Research</i> , 2012, 113, 133-142.	1.7	10
32	External fishing effort regulates positive effects of no-take marine protected areas. <i>Biological Conservation</i> , 2022, 269, 109546.	4.1	10
33	Availability of dissolved organic matter offsets metabolic costs of a protracted larval period for Bugula neritina (Bryozoa). <i>Marine Biology</i> , 2007, 151, 301-311.	1.5	9
34	Synthesis and properties of Q-silicon crosslinked siloxane networks: H <sub>3</sub> PO <sub>4</sub> -catalyzed sol-gel dehydration/crosslinking of $\pm$ , $\%$ -bis(hydroxy)oligodimethylsiloxanes with tetrakis(hydroxydimethylsiloxy)silane. <i>Journal of Polymer Science Part A</i> , 2006, 44, 2237-2247.	2.3	6
35	Methods of assessing antifouling and foul-release efficacy of non-toxic marine coatings. <i>Green Materials</i> , 2017, 5, 22-30.	2.1	3
36	An enhanced method of evaluation, assessment, and statistical inference to assist management decisions on coastal access to rocky shores. <i>Ocean and Coastal Management</i> , 2014, 95, 241-253.	4.4	0