

# James R Collins

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5127055/publications.pdf>

Version: 2024-02-01

9  
papers

442  
citations

1163117  
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1474206  
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g-index

11  
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11  
docs citations

11  
times ranked

939  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coccolithovirus facilitation of carbon export in the North Atlantic. <i>Nature Microbiology</i> , 2018, 3, 537-547.	13.3	114
2	Diverse diazotrophs are present on sinking particles in the North Pacific Subtropical Gyre. <i>ISME Journal</i> , 2019, 13, 170-182.	9.8	81
3	The multiple fates of sinking particles in the North Atlantic Ocean. <i>Global Biogeochemical Cycles</i> , 2015, 29, 1471-1494.	4.9	76
4	LOBSTAHS: An Adduct-Based Lipidomics Strategy for Discovery and Identification of Oxidative Stress Biomarkers. <i>Analytical Chemistry</i> , 2016, 88, 7154-7162.	6.5	65
5	Daily changes in phytoplankton lipidomes reveal mechanisms of energy storage in the open ocean. <i>Nature Communications</i> , 2018, 9, 5179.	12.8	63
6	Estimates of New and Total Productivity in Central Long Island Sound from In Situ Measurements of Nitrate and Dissolved Oxygen. <i>Estuaries and Coasts</i> , 2013, 36, 74-97.	2.2	16
7	The molecular products and biogeochemical significance of lipid photooxidation in West Antarctic surface waters. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 232, 244-264.	3.9	11
8	An autonomous, in situ light-dark bottle device for determining community respiration and net community production. <i>Limnology and Oceanography: Methods</i> , 2018, 16, 323-338.	2.0	10
9	Whole Community Metatranscriptomes and Lipidomes Reveal Diverse Responses Among Antarctic Phytoplankton to Changing Ice Conditions. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	4