

Philip J Proteau

List of Publications by Year in descending order

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Version: 2024-02-01

149
papers

818
citations

586496

16
h-index

563245

28
g-index

150
all docs

150
docs citations

150
times ranked

1112
citing authors

#	ARTICLE	IF	CITATIONS
1	Journal of Natural Products 2022: Perspectives, Monthly Cover Art, and More. <i>Journal of Natural Products</i> , 2022, 85, 1-2.	1.5	1
2	Honoring the Memory of George Robert (Bob) Pettit II and Kuo-Hsiung (K.-H.) Lee, Trailblazers in the Field of Natural Products. <i>Journal of Natural Products</i> , 2022, 85, 763-764.	1.5	0
3	Confronting Racism in Chemistry Journals. <i>ACS ES&T Engineering</i> , 2021, 1, 3-5.	3.7	0
4	Confronting Racism in Chemistry Journals. <i>ACS ES&T Water</i> , 2021, 1, 3-5.	2.3	0
5	Journal of Natural Products Updates for 2021. <i>Journal of Natural Products</i> , 2021, 84, 185-186.	1.5	0
6	Advancements in Natural Products Research from Central and South America: A Virtual Issue. <i>Journal of Natural Products</i> , 2021, 84, 2069-2069.	1.5	2
7	Celebrating 25 Years of Co-Publication of the <i>Journal of Natural Products</i> between the American Chemical Society and the American Society of Pharmacognosy. <i>Journal of Natural Products</i> , 2021, 84, 3009-3010.	1.5	0
8	Expanding the Natural Products Heterologous Expression Repertoire in the Model Cyanobacterium <i>Anabaena</i> sp. Strain PCC 7120: Production of Pendolmycin and Teleocidin B-4. <i>ACS Synthetic Biology</i> , 2020, 9, 63-75.	1.9	18
9	Confronting Racism in Chemistry Journals. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 559-561.	2.5	0
10	Confronting Racism in Chemistry Journals. <i>Biochemistry</i> , 2020, 59, 2313-2315.	1.2	0
11	Update to Our Reader, Reviewer, and Author Communities—April 2020. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 2707-2708.	2.6	0
12	Update to Our Reader, Reviewer, and Author Communities—April 2020. <i>ACS Central Science</i> , 2020, 6, 589-590.	5.3	0
13	Update to Our Reader, Reviewer, and Author Communities—April 2020. <i>ACS Chemical Biology</i> , 2020, 15, 1282-1283.	1.6	0
14	Update to Our Reader, Reviewer, and Author Communities—April 2020. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1196-1197.	1.7	0
15	Update to Our Reader, Reviewer, and Author Communities—April 2020. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 672-673.	1.2	0
16	Update to Our Reader, Reviewer, and Author Communities—April 2020. <i>ACS Energy Letters</i> , 2020, 5, 1610-1611.	8.8	1
17	Update to Our Reader, Reviewer, and Author Communities—April 2020. <i>ACS Macro Letters</i> , 2020, 9, 666-667.	2.3	0
18	Update to Our Reader, Reviewer, and Author Communities—April 2020. , 2020, 2, 563-564.		0

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19	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. ACS Nano, 2020, 14, 5151-5152.	7.3	2
20	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. ACS Photonics, 2020, 7, 1080-1081.	3.2	0
21	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. ACS Pharmacology and Translational Science, 2020, 3, 455-456.	2.5	0
22	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. ACS Sustainable Chemistry and Engineering, 2020, 8, 6574-6575.	3.2	0
23	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Analytical Chemistry, 2020, 92, 6187-6188.	3.2	0
24	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Chemistry of Materials, 2020, 32, 3678-3679.	3.2	0
25	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Environmental Science and Technology Letters, 2020, 7, 280-281.	3.9	1
26	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Journal of Chemical Education, 2020, 97, 1217-1218.	1.1	1
27	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Journal of Proteome Research, 2020, 19, 1883-1884.	1.8	0
28	Confronting Racism in Chemistry Journals. Langmuir, 2020, 36, 7155-7157.	1.6	0
29	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. ACS Applied Polymer Materials, 2020, 2, 1739-1740.	2.0	0
30	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. ACS Combinatorial Science, 2020, 22, 223-224.	3.8	0
31	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. ACS Medicinal Chemistry Letters, 2020, 11, 1060-1061.	1.3	0
32	Editorial Confronting Racism in Chemistry Journals. , 2020, 2, 829-831.		0
33	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry Letters, 2020, 11, 5279-5281.	2.1	1
34	Confronting Racism in Chemistry Journals. ACS Applied Energy Materials, 2020, 3, 6016-6018.	2.5	0
35	Confronting Racism in Chemistry Journals. ACS Central Science, 2020, 6, 1012-1014.	5.3	1
36	Confronting Racism in Chemistry Journals. Industrial & Engineering Chemistry Research, 2020, 59, 11915-11917.	1.8	0

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37	Confronting Racism in Chemistry Journals. <i>Journal of Natural Products</i> , 2020, 83, 2057-2059.	1.5	0
38	Confronting Racism in Chemistry Journals. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 1354-1356.	1.3	0
39	Confronting Racism in Chemistry Journals. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 1321-1323.	1.2	1
40	Confronting Racism in Chemistry Journals. <i>Energy & Fuels</i> , 2020, 34, 7771-7773.	2.5	0
41	Confronting Racism in Chemistry Journals. <i>ACS Sensors</i> , 2020, 5, 1858-1860.	4.0	0
42	Confronting Racism in Chemistry Journals. <i>ACS Nano</i> , 2020, 14, 7675-7677.	7.3	2
43	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Biochemistry</i> , 2020, 59, 1641-1642.	1.2	0
44	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Journal of Chemical & Engineering Data</i> , 2020, 65, 2253-2254.	1.0	0
45	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Organic Process Research and Development</i> , 2020, 24, 872-873.	1.3	0
46	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>ACS Omega</i> , 2020, 5, 9624-9625.	1.6	0
47	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>ACS Applied Electronic Materials</i> , 2020, 2, 1184-1185.	2.0	0
48	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 20147-20148.	4.0	5
49	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Journal of Physical Chemistry C</i> , 2020, 124, 9629-9630.	1.5	0
50	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 3571-3572.	2.1	0
51	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>ACS Synthetic Biology</i> , 2020, 9, 979-980.	1.9	0
52	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>ACS Applied Energy Materials</i> , 2020, 3, 4091-4092.	2.5	0
53	Confronting Racism in Chemistry Journals. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 4003-4005.	2.3	0
54	Confronting Racism in Chemistry Journals. <i>Journal of Organic Chemistry</i> , 2020, 85, 8297-8299.	1.7	0

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55	Confronting Racism in Chemistry Journals. <i>Analytical Chemistry</i> , 2020, 92, 8625-8627.	3.2	0
56	Confronting Racism in Chemistry Journals. <i>Journal of Chemical Education</i> , 2020, 97, 1695-1697.	1.1	0
57	Confronting Racism in Chemistry Journals. <i>Organic Process Research and Development</i> , 2020, 24, 1215-1217.	1.3	0
58	Confronting Racism in Chemistry Journals. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, .	3.2	0
59	Confronting Racism in Chemistry Journals. <i>Chemistry of Materials</i> , 2020, 32, 5369-5371.	3.2	0
60	Confronting Racism in Chemistry Journals. <i>Chemical Research in Toxicology</i> , 2020, 33, 1511-1513.	1.7	0
61	Confronting Racism in Chemistry Journals. <i>Inorganic Chemistry</i> , 2020, 59, 8639-8641.	1.9	0
62	Confronting Racism in Chemistry Journals. <i>ACS Applied Nano Materials</i> , 2020, 3, 6131-6133.	2.4	0
63	Confronting Racism in Chemistry Journals. <i>ACS Applied Polymer Materials</i> , 2020, 2, 2496-2498.	2.0	0
64	Confronting Racism in Chemistry Journals. <i>ACS Chemical Biology</i> , 2020, 15, 1719-1721.	1.6	0
65	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 2881-2882.	2.3	0
66	Confronting Racism in Chemistry Journals. <i>Organic Letters</i> , 2020, 22, 4919-4921.	2.4	4
67	Confronting Racism in Chemistry Journals. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 28925-28927.	4.0	13
68	Confronting Racism in Chemistry Journals. <i>Crystal Growth and Design</i> , 2020, 20, 4201-4203.	1.4	1
69	Confronting Racism in Chemistry Journals. <i>Chemical Reviews</i> , 2020, 120, 5795-5797.	23.0	2
70	Confronting Racism in Chemistry Journals. <i>ACS Catalysis</i> , 2020, 10, 7307-7309.	5.5	1
71	Confronting Racism in Chemistry Journals. <i>Biomacromolecules</i> , 2020, 21, 2543-2545.	2.6	0
72	Confronting Racism in Chemistry Journals. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 6575-6577.	2.9	0

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73	Confronting Racism in Chemistry Journals. <i>Macromolecules</i> , 2020, 53, 5015-5017.	2.2	0
74	Confronting Racism in Chemistry Journals. <i>Nano Letters</i> , 2020, 20, 4715-4717.	4.5	5
75	Confronting Racism in Chemistry Journals. <i>Organometallics</i> , 2020, 39, 2331-2333.	1.1	0
76	Confronting Racism in Chemistry Journals. <i>Journal of the American Chemical Society</i> , 2020, 142, 11319-11321.	6.6	1
77	Confronting Racism in Chemistry Journals. <i>Accounts of Chemical Research</i> , 2020, 53, 1257-1259.	7.6	0
78	Confronting Racism in Chemistry Journals. <i>Journal of Physical Chemistry A</i> , 2020, 124, 5271-5273.	1.1	0
79	Confronting Racism in Chemistry Journals. <i>ACS Energy Letters</i> , 2020, 5, 2291-2293.	8.8	0
80	Confronting Racism in Chemistry Journals. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 3325-3327.	2.5	0
81	Confronting Racism in Chemistry Journals. <i>Journal of Proteome Research</i> , 2020, 19, 2911-2913.	1.8	0
82	Confronting Racism in Chemistry Journals. <i>Journal of Physical Chemistry B</i> , 2020, 124, 5335-5337.	1.2	1
83	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 5019-5020.	2.4	0
84	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. <i>Journal of Physical Chemistry B</i> , 2020, 124, 3603-3604.	1.2	0
85	Confronting Racism in Chemistry Journals. <i>Bioconjugate Chemistry</i> , 2020, 31, 1693-1695.	1.8	0
86	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. <i>ACS Applied Nano Materials</i> , 2020, 3, 3960-3961.	2.4	0
87	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. <i>Journal of Natural Products</i> , 2020, 83, 1357-1358.	1.5	0
88	Confronting Racism in Chemistry Journals. <i>ACS Synthetic Biology</i> , 2020, 9, 1487-1489.	1.9	0
89	Confronting Racism in Chemistry Journals. <i>Journal of Chemical & Engineering Data</i> , 2020, 65, 3403-3405.	1.0	0
90	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. <i>Bioconjugate Chemistry</i> , 2020, 31, 1211-1212.	1.8	0

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91	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Journal of Chemical Health and Safety, 2020, 27, 133-134.	1.1	0
92	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Chemical Research in Toxicology, 2020, 33, 1509-1510.	1.7	0
93	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Energy & Fuels, 2020, 34, 5107-5108.	2.5	0
94	A Change in Editor-in-Chief and a New Look. Journal of Natural Products, 2020, 83, 1-2.	1.5	0
95	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. ACS Applied Bio Materials, 2020, 3, 2873-2874.	2.3	0
96	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Journal of Organic Chemistry, 2020, 85, 5751-5752.	1.7	0
97	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Journal of the American Society for Mass Spectrometry, 2020, 31, 1006-1007.	1.2	0
98	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Accounts of Chemical Research, 2020, 53, 1001-1002.	7.6	0
99	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Biomacromolecules, 2020, 21, 1966-1967.	2.6	0
100	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Chemical Reviews, 2020, 120, 3939-3940.	23.0	0
101	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Environmental Science & Technology, 2020, 54, 5307-5308.	4.6	0
102	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Langmuir, 2020, 36, 4565-4566.	1.6	0
103	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Molecular Pharmaceutics, 2020, 17, 1445-1446.	2.3	0
104	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. ACS Infectious Diseases, 2020, 6, 891-892.	1.8	0
105	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Crystal Growth and Design, 2020, 20, 2817-2818.	1.4	1
106	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Journal of Medicinal Chemistry, 2020, 63, 4409-4410.	2.9	0
107	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Journal of Physical Chemistry A, 2020, 124, 3501-3502.	1.1	0
108	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Nano Letters, 2020, 20, 2935-2936.	4.5	0

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109	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. ACS Sensors, 2020, 5, 1251-1252.	4.0	0
110	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Journal of Chemical Information and Modeling, 2020, 60, 2651-2652.	2.5	0
111	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Industrial & Engineering Chemistry Research, 2020, 59, 8509-8510.	1.8	0
112	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Journal of the American Chemical Society, 2020, 142, 8059-8060.	6.6	3
113	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Inorganic Chemistry, 2020, 59, 5796-5797.	1.9	0
114	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Organometallics, 2020, 39, 1665-1666.	1.1	0
115	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Organic Letters, 2020, 22, 3307-3308.	2.4	0
116	Confronting Racism in Chemistry Journals. ACS Biomaterials Science and Engineering, 2020, 6, 3690-3692.	2.6	1
117	Confronting Racism in Chemistry Journals. ACS Omega, 2020, 5, 14857-14859.	1.6	1
118	Confronting Racism in Chemistry Journals. ACS Applied Electronic Materials, 2020, 2, 1774-1776.	2.0	0
119	Confronting Racism in Chemistry Journals. Journal of Agricultural and Food Chemistry, 2020, 68, 6941-6943.	2.4	0
120	Confronting Racism in Chemistry Journals. ACS Earth and Space Chemistry, 2020, 4, 961-963.	1.2	0
121	Confronting Racism in Chemistry Journals. Environmental Science and Technology Letters, 2020, 7, 447-449.	3.9	0
122	Confronting Racism in Chemistry Journals. ACS Combinatorial Science, 2020, 22, 327-329.	3.8	0
123	Confronting Racism in Chemistry Journals. ACS Infectious Diseases, 2020, 6, 1529-1531.	1.8	0
124	Confronting Racism in Chemistry Journals. ACS Applied Bio Materials, 2020, 3, 3925-3927.	2.3	0
125	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry C, 2020, 124, 14069-14071.	1.5	0
126	Confronting Racism in Chemistry Journals. ACS Macro Letters, 2020, 9, 1004-1006.	2.3	0

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127	Confronting Racism in Chemistry Journals. <i>Molecular Pharmaceutics</i> , 2020, 17, 2229-2231.	2.3	1
128	Confronting Racism in Chemistry Journals. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1852-1854.	1.7	1
129	Confronting Racism in Chemistry Journals. <i>ACS Photonics</i> , 2020, 7, 1586-1588.	3.2	0
130	Confronting Racism in Chemistry Journals. <i>Environmental Science & Technology</i> , 2020, 54, 7735-7737.	4.6	0
131	Confronting Racism in Chemistry Journals. <i>Journal of Chemical Health and Safety</i> , 2020, 27, 198-200.	1.1	0
132	Premutilin Synthase: Ring Rearrangement by a Class II Diterpene Cyclase. <i>Organic Letters</i> , 2018, 20, 1200-1202.	2.4	21
133	Deciphering the Function of New Gonococcal Vaccine Antigens Using Phenotypic Microarrays. <i>Journal of Bacteriology</i> , 2017, 199, .	1.0	11
134	Unexpected Biotransformation of the HDAC Inhibitor Vorinostat Yields Aniline-Containing Fungal Metabolites. <i>ACS Chemical Biology</i> , 2017, 12, 1842-1847.	1.6	27
135	Depsipeptide Companeramides from a Panamanian Marine Cyanobacterium Associated with the Coibamide Producer. <i>Journal of Natural Products</i> , 2015, 78, 413-420.	1.5	49
136	Succinylated Apoptolidins from <i>Amycolatopsis</i> sp. ICBB 8242. <i>Organic Letters</i> , 2015, 17, 2526-2529.	2.4	12
137	Identification of Elaiophylin Skeletal Variants from the Indonesian <i>Streptomyces</i> sp. ICBB 9297. <i>Journal of Natural Products</i> , 2015, 78, 2768-2775.	1.5	29
138	Apoptolidins A and C activate AMPK in metabolically sensitive cell types and are mechanistically distinct from oligomycin A. <i>Biochemical Pharmacology</i> , 2015, 93, 251-265.	2.0	17
139	Evaluation of fosmidomycin analogs as inhibitors of the <i>Synechocystis</i> sp. PCC6803 1-deoxy-d-xylulose 5-phosphate reductoisomerase. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 2375-2385.	1.4	57
140	Kinetic characterization of <i>Synechocystis</i> sp. PCC6803 1-deoxy-d-xylulose 5-phosphate reductoisomerase mutants. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2006, 1764, 223-229.	1.1	4
141	The Crystal Structure of <i>E.coli</i> 1-Deoxy-d-xylulose-5-phosphate Reductoisomerase in a Ternary Complex with the Antimalarial Compound Fosmidomycin and NADPH Reveals a Tight-binding Closed Enzyme Conformation. <i>Journal of Molecular Biology</i> , 2005, 345, 115-127.	2.0	129
142	Mutation in the flexible loop of 1-deoxy-d-xylulose 5-phosphate reductoisomerase broadens substrate utilization. <i>Archives of Biochemistry and Biophysics</i> , 2005, 444, 159-164.	1.4	16
143	1-Deoxy-d-xylulose 5-phosphate reductoisomerase: an overview. <i>Bioorganic Chemistry</i> , 2004, 32, 483-493.	2.0	90
144	Substrate analogs for the investigation of deoxyxylulose 5-phosphate reductoisomerase inhibition: synthesis and evaluation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 5309-5312.	1.0	27

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145	Characterization of native and histidine-tagged deoxyxylulose 5-phosphate reductoisomerase from the cyanobacterium <i>Synechocystis</i> sp. PCC6803. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2003, 1652, 75-81.	1.1	21
146	Stereochemistry of the Reduction Step Mediated by Recombinant 1-Deoxy-d-xylulose 5-Phosphate Isomeroreductase. <i>Organic Letters</i> , 1999, 1, 921-923.	2.4	62
147	Biosynthesis of Phytol in the Cyanobacterium <i>Synechocystis</i> sp. UTEX 2470:Â Utilization of the Non-Mevalonate Pathway. <i>Journal of Natural Products</i> , 1998, 61, 841-843.	1.5	32
148	Screening cultured marine microalgae for anticancer-type activity. <i>Journal of Applied Phycology</i> , 1994, 6, 143-149.	1.5	93
149	Divinyl ethers and hydroxy fatty acids from three species of <i>Laminaria</i> (brown algae). <i>Lipids</i> , 1993, 28, 783-787.	0.7	49