

Sylvie Derenne

List of Publications by Year in descending order

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126
papers

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#	ARTICLE	IF	CITATIONS
1	FROG: A global machine-learning temperature calibration for branched GDGTs in soils and peats. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 318, 468-494.	3.9	27
2	Multiple stages of plant root calcification deciphered by chemical and micromorphological analyses. <i>Geobiology</i> , 2021, 19, 75-86.	2.4	5
3	Influence of environmental parameters on the distribution of bacterial lipids in soils from the French Alps: Implications for paleo-reconstructions. <i>Organic Geochemistry</i> , 2021, 153, 104194.	1.8	13
4	Development of global temperature and pH calibrations based on bacterial 3-hydroxy fatty acids in soils. <i>Biogeosciences</i> , 2021, 18, 3937-3959.	3.3	8
5	Characterization of Functional Groups in Estuarine Dissolved Organic Matter by DNP-enhanced ¹⁵ N and ¹³ C Solid-State NMR. <i>ChemPhysChem</i> , 2021, 22, 1907-1913.	2.1	2
6	Influence of earthworms on apolar lipid features in soils after 1 year of incubation. <i>Biogeochemistry</i> , 2020, 147, 243-258.	3.5	7
7	Evaluation of 3-hydroxy fatty acids as a pH and temperature proxy in soils from temperate and tropical altitudinal gradients. <i>Organic Geochemistry</i> , 2019, 129, 1-13.	1.8	23
8	What is the meaning of hydrogen-to-carbon ratio determined in Archean organic matter?. <i>Organic Geochemistry</i> , 2018, 122, 140-146.	1.8	12
9	High-temperature Ionization-induced Synthesis of Biologically Relevant Molecules in the Protosolar Nebula. <i>Astrophysical Journal</i> , 2018, 859, 142.	4.5	12
10	Impact of climate change on the ecology of the Kyambangunguru crater marsh in southwestern Tanzania during the Late Holocene. <i>Quaternary Science Reviews</i> , 2018, 196, 100-117.	3.0	5
11	Hydrogen isotope fractionation in methane plasma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 870-874.	7.1	16
12	Production rates of bacterial tetraether lipids and fatty acids in peatland under varying oxygen concentrations. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 203, 103-116.	3.9	43
13	Probing the aluminum complexation by Siberian riverine organic matter using solid-state DNP-NMR. <i>Chemical Geology</i> , 2017, 452, 1-8.	3.3	11
14	Leaf lipid degradation in soils and surface sediments: A litterbag experiment. <i>Organic Geochemistry</i> , 2017, 104, 35-41.	1.8	17
15	Investigation of the Geochemical Preservation of <i>ca.</i> 3.0 Ga Permineralized and Encapsulated Microfossils by Nanoscale Secondary Ion Mass Spectrometry. <i>Astrobiology</i> , 2017, 17, 1192-1202.	3.0	16
16	Disentangling interactions between microbial communities and roots in deep subsoil. <i>Science of the Total Environment</i> , 2017, 575, 135-145.	8.0	26
17	Evaluation of branched GDGTs and leaf wax n-alkane δ^2H as (paleo) environmental proxies in East Africa. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 198, 182-193.	3.9	20
18	Molecular fate of root and shoot litter on incorporation and decomposition in earthworm casts. <i>Organic Geochemistry</i> , 2016, 101, 1-10.	1.8	27

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19	The Raman-Derived Carbonization Continuum: A Tool to Select the Best Preserved Molecular Structures in Archean Kerogens. <i>Astrobiology</i> , 2016, 16, 407-417.	3.0	46
20	Toward an experimental synthesis of the chondritic insoluble organic matter. <i>Meteoritics and Planetary Science</i> , 2015, 50, 1408-1422.	1.6	10
21	Occurrence and distribution of glycerol dialkanol diethers and glycerol dialkyl glycerol tetraethers in a peat core from SW Tanzania. <i>Organic Geochemistry</i> , 2015, 83-84, 170-177.	1.8	7
22	Archaeal and bacterial tetraether lipids in tropical ponds with contrasting salinity (Guadeloupe). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62</i> 2015, 83-84, 158-169.	1.8	16
23	Analytical pyrolysis as a tool to probe soil organic matter. <i>Journal of Analytical and Applied Pyrolysis</i> , 2015, 111, 108-120.	5.5	83
24	Potential of GDGTs as a temperature proxy along an altitudinal transect at Mount Rungwe (Tanzania). <i>Organic Geochemistry</i> , 2014, 68, 82-89.	1.8	53
25	Characterizing the molecular structure of organic matter from natural environments: An analytical challenge. <i>Comptes Rendus - Geoscience</i> , 2014, 346, 53-63.	1.2	39
26	Characterization of soil organic matter using microwave assisted acid and base hydrolysis. <i>Organic Geochemistry</i> , 2013, 65, 103-117.	1.8	5
27	Root-associated branched tetraether source microorganisms may reduce estimated paleotemperatures in subsoil. <i>Chemical Geology</i> , 2013, 356, 1-10.	3.3	24
28	Effects of a short-term experimental microclimate warming on the abundance and distribution of branched GDGTs in a French peatland. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 105, 294-315.	3.9	55
29	Characterisation of organic matter from organo-mineral complexes in an Andosol from Reunion Island. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013, 99, 92-100.	5.5	26
30	An interlaboratory study of TEX ₈₆ and BIT analysis of sediments, extracts, and standard mixtures. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 5263-5285.	2.5	76
31	Contrasting variations in the structure and stable carbon isotopic composition of botryococenes through the last glacial-interglacial transition in Lake Masoko (southern Tanzania). <i>Organic Geochemistry</i> , 2012, 43, 150-155.	1.8	8
32	Branched tetraether membrane lipids associated with rhizoliths in loess: Rhizomicrobial overprinting of initial biomarker record. <i>Organic Geochemistry</i> , 2012, 43, 12-19.	1.8	28
33	Structure, composition, and location of organic matter in the enstatite chondrite Sahara 97096 (EH3). <i>Meteoritics and Planetary Science</i> , 2012, 47, 8-29.	1.6	33
34	High resolution TEM of chondritic carbonaceous matter: Metamorphic evolution and heterogeneity. <i>Meteoritics and Planetary Science</i> , 2012, 47, 345-362.	1.6	42
35	Deciphering the weathering processes using environmental mineralogy and geochemistry: Towards an integrated model of laterite and podzol genesis in the Upper Amazon Basin. <i>Comptes Rendus - Geoscience</i> , 2011, 343, 188-198.	1.2	35
36	Biradical character of D-rich carriers in the insoluble organic matter of carbonaceous chondrites: A relic of the protoplanetary disk chemistry. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 326-336.	3.9	24

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37	Carbon exchange rate between soil and organic C-H bonds: Implication for $\delta^{13}C$ enrichment in meteoritic IOM. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 2222-2228.	3.9	10
38	Early degradation of plant alkanes in soils: A litterbag experiment using ^{13}C -labelled leaves. <i>Soil Biology and Biochemistry</i> , 2011, 43, 2222-2228.	8.8	59
39	Can cutin and suberin biomarkers be used to trace shoot and root-derived organic matter? A molecular and isotopic approach. <i>Biogeochemistry</i> , 2011, 106, 23-38.	3.5	40
40	Podzolisation and exportation of organic matter in black waters of the Rio Negro (upper Amazon). <i>Journal of Geophysical Research</i> , 2010, 115, F00000.	3.5	20
41	Occurrence and distribution of extractable glycerol dialkyl glycerol tetraethers in podzols. <i>Organic Geochemistry</i> , 2010, 41, 291-301.	1.8	40
42	New insights into secondary gas generation from the thermal cracking of oil: Methylated mono-aromatics. A kinetic approach using 1,2,4-trimethylbenzene. Part II: An empirical kinetic model. <i>Organic Geochemistry</i> , 2010, 41, 168-176.	1.8	20
43	New insights into secondary gas generation from the thermal cracking of oil: Methylated monoaromatics. A kinetic approach using 1,2,4-trimethylbenzene. Part I: A mechanistic kinetic model. <i>Organic Geochemistry</i> , 2010, 41, 146-167.	1.8	57
44	New insights into secondary gas generation from the thermal cracking of oil: Methylated monoaromatics. A kinetic approach using 1,2,4-trimethylbenzene. Part III: An isotopic fractionation model. <i>Organic Geochemistry</i> , 2010, 41, 431-436.	1.8	18
45	Sediment cores representative of contrasting environments in salt flats of the Moknine continental sabkha (Eastern Tunisia): Sedimentology, bulk features of organic matter, alkane sources and alteration. <i>Organic Geochemistry</i> , 2010, 41, 637-652.	1.8	13
46	Occurrence and distribution of non-extractable glycerol dialkyl glycerol tetraethers in temperate and tropical podzol profiles. <i>Organic Geochemistry</i> , 2010, 41, 833-844.	1.8	16
47	Limitations in interpreting TMAH thermochemolysis of natural organic matter via consideration of glycine and alanine derivatives. <i>Organic Geochemistry</i> , 2010, 41, 1338-1340.	1.8	4
48	Model of molecular structure of the insoluble organic matter isolated from Murchison meteorite. <i>Meteoritics and Planetary Science</i> , 2010, 45, 1461-1475.	1.6	116
49	Occurrence and distribution of glycerol dialkyl glycerol tetraethers in a French peat bog. <i>Organic Geochemistry</i> , 2010, 41, 559-572.	1.8	66
50	Evolution of lipid abundance and molecular composition during the podzolisation of laterites in the upper Amazon basin. <i>Biogeochemistry</i> , 2009, 92, 95-118.	3.5	13
51	Microwave assisted extraction and hydrolysis: An alternative to pyrolysis for the analysis of recalcitrant organic matter? Application to a forest soil (Landes de Gascogne, France). <i>Organic Geochemistry</i> , 2009, 40, 1005-1017.	1.8	8
52	PROTO-PLANETARY DISK CHEMISTRY RECORDED BY D-RICH ORGANIC RADICALS IN CARBONACEOUS CHONDRITES. <i>Astrophysical Journal</i> , 2009, 698, 2087-2092.	4.5	75
53	CW- and pulsed-EPR of carbonaceous matter in primitive meteorites: Solving a lineshape paradox. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 69, 1301-1310.	3.9	8
54	Influence of green waste, biowaste and paper cardboard initial ratios on organic matter transformations during composting. <i>Bioresource Technology</i> , 2008, 99, 8926-8934.	9.6	130

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55	Artificial formation of medium and long chain 1-haloalkanes during pyrolysis of polar geomacromolecules. <i>Organic Geochemistry</i> , 2008, 39, 342-352.	1.8	2
56	Mono- and dicyclic unsaturated triterpenoid hydrocarbons in sediments from Lake Masoko (Tanzania) widely extend the botryococcene family. <i>Organic Geochemistry</i> , 2008, 39, 879-893.	1.8	11
57	Molecular evidence for life in the 3.5-billion year old Warrawoona chert. <i>Earth and Planetary Science Letters</i> , 2008, 272, 476-480.	4.4	86
58	Potential of EPR imaging to detect traces of primitive life in sedimentary rocks. <i>Earth and Planetary Science Letters</i> , 2008, 273, 359-366.	4.4	12
59	Extreme deuterium enrichment of organic radicals in the Orgueil meteorite: Revisiting the interstellar interpretation?. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 1914-1923.	3.9	80
60	Molecular study of insoluble organic matter in Kainsaz CO3 carbonaceous chondrite: Comparison with CI and CM IOM. <i>Meteoritics and Planetary Science</i> , 2008, 43, 1099-1111.	1.6	22
61	Novel mono-, di- and tri-unsaturated very long chain (C37-C43) n-alkenes in alkenone-free lacustrine sediments (Lake Masoko, Tanzania). <i>Organic Geochemistry</i> , 2007, 38, 323-333.	1.8	19
62	Oxidation of humic acids from an agricultural soil and a lignite deposit: Analysis of lipophilic and hydrophilic products. <i>Organic Geochemistry</i> , 2007, 38, 2036-2057.	1.8	13
63	Chemotaxonomical investigations of fossil and extant beeches. II. Leaf lipids of Pliocene <i>Fagus</i> from the Upper Valdarno Basin, central Italy. <i>Comptes Rendus - Palevol</i> , 2007, 6, 515-525.	0.2	4
64	Chemotaxonomical investigations of fossil and extant beeches. I. Leaf lipids from the extant <i>Fagus sylvatica</i> L.. <i>Comptes Rendus - Palevol</i> , 2007, 6, 451-461.	0.2	14
65	The insoluble organic matter in carbonaceous chondrites: Chemical structure, isotopic composition and origin. <i>Comptes Rendus - Geoscience</i> , 2007, 339, 895-906.	1.2	20
66	Al speciation in tropical podzols of the upper Amazon Basin: A solid-state ²⁷ Al MAS and MQMAS NMR study. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 3211-3222.	3.9	34
67	Enrichment of deuterium in insoluble organic matter from primitive meteorites: A solar system origin?. <i>Earth and Planetary Science Letters</i> , 2006, 243, 15-25.	4.4	111
68	Extreme oxygen isotope ratios in the early Solar System. <i>Nature</i> , 2005, 437, 385-388.	27.8	32
69	Size discontinuity between interstellar and chondritic aromatic structures: A high-resolution transmission electron microscopy study. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 3911-3917.	3.9	36
70	New pyrolytic and spectroscopic data on Orgueil and Murchison insoluble organic matter: A different origin than soluble?. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 3919-3932.	3.9	100
71	New insight on aliphatic linkages in the macromolecular organic fraction of Orgueil and Murchison meteorites through ruthenium tetroxide oxidation. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 4377-4386.	3.9	73
72	Interlayer trapping of noble gases in insoluble organic matter of primitive meteorites. <i>Earth and Planetary Science Letters</i> , 2005, 236, 569-578.	4.4	25

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73	32,35-Anhydrobacteriohopanetetrol: an unusual bacteriohopanepolyol widespread in recent and past environments. <i>Organic Geochemistry</i> , 2005, 36, 673-677.	1.8	41
74	Comparative study of two fractions of riverine dissolved organic matter using various analytical pyrolytic methods and a ¹³ C CP/MAS NMR approach. <i>Organic Geochemistry</i> , 2005, 36, 1418-1442.	1.8	63
75	Insoluble Organic Matter in Carbonaceous Chondrites and Archean Cherts. , 2004, , 333-357.		0
76	Search for EPR markers of the history and origin of the insoluble organic matter in extraterrestrial and terrestrial rocks. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 1349-1357.	3.9	14
77	Lipids and their modes of occurrence in two surface sediments from the Danube delta and northwestern Black Sea: implications for sources and early diagenetic alteration. <i>Organic Geochemistry</i> , 2004, 35, 959-980.	1.8	15
78	Occurrence of abundant diradicaloid moieties in the insoluble organic matter from the Orgueil and Murchison meteorites: a fingerprint of its extraterrestrial origin?. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 881-891.	3.9	49
79	Variation in lipid relative abundance and composition among different particle size fractions of a forest soil. <i>Organic Geochemistry</i> , 2004, 35, 1355-1370.	1.8	78
80	Variation in lipid relative abundance and composition among different particle size fractions of a forest soil. <i>Organic Geochemistry</i> , 2004, 35, 1355-1370.	1.8	43
81	Comparison of leaf lipids from a fossil ginkgoalean plant and its extant counterpart at two degradation stages: diagenetic and chemotaxonomic implications. <i>Review of Palaeobotany and Palynology</i> , 2003, 124, 63-78.	1.5	25
82	Structural and isotopic analysis of kerogens in sediments rich in free sulfurised <i>Botryococcus braunii</i> biomarkers. <i>Organic Geochemistry</i> , 2003, 34, 471-482.	1.8	36
83	Formation pathways of proto-kerogens in Holocene sediments of the upwelling influenced Cariaco Trench, Venezuela. <i>Organic Geochemistry</i> , 2003, 34, 701-718.	1.8	28
84	Study of atrazine fate in silty loamy soils of the Paris Basin via a combination of isotopic and pyrolytic methods. <i>Bulletin - Societe Geologique De France</i> , 2002, 173, 271-279.	2.2	3
85	Heterogeneous distribution of paramagnetic radicals in insoluble organic matter from the Orgueil and Murchison meteorites. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 4177-4186.	3.9	66
86	Abundance and composition of the refractory organic fraction of an ancient, tropical soil (Pointe) Tj ETQq0 0 0 rgBT (Overlock 10 Tf 50 2	1.8	32
87	Sulfur speciation in kerogens of the Orbagnoux deposit (Upper Kimmeridgian, Jura) by XANES spectroscopy and pyrolysis. <i>Organic Geochemistry</i> , 2002, 33, 877-895.	1.8	39
88	Origin and preservation processes of amorphous organic matter in the Maykop Series (Oligocene-Lower Miocene) of Precaucasus and Azerbaijan. <i>Bulletin - Societe Geologique De France</i> , 2002, 173, 423-436.	2.2	13
89	Evolution of the chemical composition of <i>Ginkgo biloba</i> external and internal leaf lipids through senescence and litter formation. <i>Organic Geochemistry</i> , 2001, 32, 45-55.	1.8	32
90	A REVIEW OF SOME IMPORTANT FAMILIES OF REFRACTORY MACROMOLECULES: COMPOSITION, ORIGIN, AND FATE IN SOILS AND SEDIMENTS. <i>Soil Science</i> , 2001, 166, 833-847.	0.9	220

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91	Thermally assisted hydrolysis and methylation of kerogen-like organic matter in a recent sediment off the Danube delta (northwestern Black Sea). <i>Journal of Analytical and Applied Pyrolysis</i> , 2001, 61, 147-164.	5.5	19
92	Chemical structure and sources of the macromolecular, resistant, organic fraction isolated from a forest soil (Lacad�e, south-west France). <i>Organic Geochemistry</i> , 2000, 31, 813-827.	1.8	122
93	A geochemical investigation of carboxylic acids released via sequential treatments of two surficial sediments from the Changjiang delta and East China Sea. <i>Organic Geochemistry</i> , 2000, 31, 375-388.	1.8	29
94	Organic matter sources and early diagenetic degradation in a tropical peaty marsh (Tritrivakely, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6). <i>Organic Geochemistry</i> , 2000, 31, 421-438.	1.8	86
95	Effects of fungal infection on lipid extract composition of higher plant remains: comparison of shoots of a Cenomanian conifer, uninfected and infected by extinct fungi. <i>Organic Geochemistry</i> , 2000, 31, 1743-1754.	1.8	39
96	Origin of variations in organic matter abundance and composition in a lithologically homogeneous maar-type oil shale deposit (G�ce, Pliocene, Hungary). <i>Organic Geochemistry</i> , 2000, 31, 787-798.	1.8	25
97	Solid state CP/MAS ¹³ C NMR of the insoluble organic matter of the Orgueil and Murchison meteorites: quantitative study. <i>Earth and Planetary Science Letters</i> , 2000, 184, 9-21.	4.4	158
98	Origin and formation pathways of kerogen-like organic matter in recent sediments off the Danube delta (northwestern Black Sea). <i>Organic Geochemistry</i> , 2000, 31, 1663-1683.	1.8	48
99	Determination of Structure and Origin of Refractory Organic Matter in Bio-epurated Wastewater via Spectroscopic Methods. Comparison of Conventional and Ozonation Treatments. <i>Environmental Science & Technology</i> , 2000, 34, 3389-3394.	10.0	66
100	Spectroscopic, kinetic and pyrolytic studies of kerogen from the dark parallel laminae facies of the sulphur-rich Orbagnoux deposit (Upper Kimmeridgian, Jura). <i>Organic Geochemistry</i> , 1999, 30, 39-56.	1.8	37
101	Refractory organic matter in sediments from the North�West African upwelling system: abundance, chemical structure and origin. <i>Organic Geochemistry</i> , 1999, 30, 101-117.	1.8	66
102	Ecological distribution of Cenomanian terrestrial plants based on ¹³ C/ ¹² C ratios. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1999, 145, 79-93.	2.3	79
103	Structure and origin of insoluble and non-hydrolyzable, aliphatic organic matter in a forest soil. <i>Organic Geochemistry</i> , 1998, 28, 119-124.	1.8	99
104	A novel pathway of soil organic matter formation by selective preservation of resistant straight-chain biopolymers: chemical and isotope evidence. <i>Organic Geochemistry</i> , 1998, 28, 411-415.	1.8	149
105	Organic matter sources and early diagenetic alterations in Arctic surface sediments (Lena River delta) Tj ETQq1 1 0,784314 rgBT /Overlock 10 Tf 50 6). <i>Organic Geochemistry</i> , 1998, 28, 119-124.	1.8	44
106	Chemical structure of the organic matter in a Pliocene maar-type shale: Implicated <i>Botryococcus</i> race strains and formation pathways. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 1879-1889.	3.9	73
107	Comparative studies of the kinetic parameters of various algaenans and kerogens via open-system pyrolyses. <i>Organic Geochemistry</i> , 1997, 26, 705-720.	1.8	19
108	First example of an algaenan yielding an aromatic-rich pyrolysate. Possible geochemical implications on marine kerogen formation. <i>Organic Geochemistry</i> , 1996, 24, 617-627.	1.8	56

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109	Can oil shales be used to produce fullerenes?. <i>Organic Geochemistry</i> , 1996, 24, 715-723.	1.8	29
110	Organic matter sources and early diagenetic alterations in Arctic surface sediments (Lena River delta) <i>Organic Geochemistry</i> , 1996, 24, 841-857.	1.8	46
111	Study of qualitative and quantitative variations in kerogen chemical structure along a microcycle: Correlations with ultrastructural features. , 1995, , 31-47.		10
112	Spectroscopic features of <i>Gloeocapsomorpha prisca</i> colonies and of interstitial matrix in kukersite as revealed by transmission micro-FT-i.r.: location of phenolic moieties. <i>Fuel</i> , 1994, 73, 626-628.	6.4	14
113	Scope and limitations of flash pyrolysis-gas chromatography/mass spectrometry as revealed by the thermal behaviour of high-molecular-weight lipids derived from the green microalga <i>Botryococcus braunii</i> . <i>Journal of Analytical and Applied Pyrolysis</i> , 1994, 28, 183-204.	5.5	44
114	Possible algal origin of long chain odd n-alkanes in immature sediments as revealed by distributions and carbon isotope ratios. <i>Organic Geochemistry</i> , 1994, 22, 1023-1027.	1.8	116
115	The similarity of chemical structures of soluble aliphatic polyaldehyde and insoluble algaenan in the green microalga <i>Botryococcus braunii</i> race A as revealed by analytical pyrolysis. <i>Organic Geochemistry</i> , 1994, 21, 423-435.	1.8	74
116	Relative efficiency of the Selective Preservation and Degradation Recondensation pathways in kerogen formation. Source and environment influence on their contributions to type I and II kerogens. <i>Organic Geochemistry</i> , 1993, 20, 611-615.	1.8	26
117	A comparative study of macromolecular substances of a Coorongite and cell walls of the extant alga <i>Botryococcus braunii</i> . <i>Geochimica Et Cosmochimica Acta</i> , 1993, 57, 2053-2068.	3.9	74
118	Chemical characterization of torbanites by transmission micro-FTIR spectroscopy: Origin and extent of compositional heterogeneities. <i>Geochimica Et Cosmochimica Acta</i> , 1993, 57, 2529-2539.	3.9	37
119	Structure of <i>Chlorella fusca</i> algaenan: relationships with ultralaminae in lacustrine kerogens; species- and environment-dependent variations in the composition of fossil ultralaminae. <i>Organic Geochemistry</i> , 1992, 18, 417-422.	1.8	55
120	Occurrence of tightly bound isoprenoid acids in an algal, resistant biomacromolecule: possible geochemical implications. <i>Organic Geochemistry</i> , 1991, 17, 597-602.	1.8	15
121	Characterization of chemical structure, degree of maturation and oil potential of Torbanites (type I)	6.4	77
122	Direct relationship between the resistant biopolymer and the tetraterpenic hydrocarbon in the lycopadiene race of <i>Botryococcus braunii</i> . <i>Phytochemistry</i> , 1990, 29, 2187-2192.	2.9	52
123	Etude de trois torbanites par microspectrofluorimétrie; contribution des différentes fractions constitutives dans la fluorescence totale; corrélations avec la structure chimique; relations avec le degré de maturation. <i>Bulletin - Société Géologique De France</i> , 1989, V, 993-999.	2.2	3
124	The stereochemistry of forward and reverse reactions in the addition of hydridocobaloxime to (E)-1-phenylpropene. <i>Journal of Organometallic Chemistry</i> , 1987, 322, 229-238.	1.8	12
125	Kinetics and mechanism of decomposition of phenylpropylbis(dimethylglyoximate)pyridinecobalt(III) in aqueous sulphuric acid. <i>Journal of Organometallic Chemistry</i> , 1987, 322, 239-248.	1.8	6
126	A non-chain free radical mechanism for the insertion of sulphur dioxide into carbon-metal bonds. <i>Journal of Organometallic Chemistry</i> , 1985, 286, c47-c50.	1.8	11