

Miguel A Goni

List of Publications by Year in descending order

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99
papers

7,443
citations

53660

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103
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103
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103
times ranked

5484
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#	ARTICLE	IF	CITATIONS
1	Terrestrial organic carbon contributions to sediments on the Washington margin. <i>Geochimica Et Cosmochimica Acta</i> , 1994, 58, 3035-3048.	1.6	479
2	A reassessment of the sources and importance of land-derived organic matter in surface sediments from the Gulf of Mexico. <i>Geochimica Et Cosmochimica Acta</i> , 1998, 62, 3055-3075.	1.6	376
3	Sources and distribution of organic matter in a river-dominated estuary (Winyah Bay, SC, USA). <i>Estuarine, Coastal and Shelf Science</i> , 2003, 57, 1023-1048.	0.9	327
4	Sources and contribution of terrigenous organic carbon to surface sediments in the Gulf of Mexico. <i>Nature</i> , 1997, 389, 275-278.	13.7	312
5	Sources and distribution of terrigenous organic matter delivered by the Atchafalaya River to sediments in the northern Gulf of Mexico. <i>Geochimica Et Cosmochimica Acta</i> , 2003, 67, 2359-2375.	1.6	299
6	Phosphorus distribution, C:N:P ratios, and $\delta^{13}C_{org}$ in arctic, temperate, and tropical coastal sediments: tools for characterizing bulk sedimentary organic matter. <i>Marine Geology</i> , 1997, 139, 123-145.	0.9	273
7	Lignin dimers: Structures, distribution, and potential geochemical applications. <i>Geochimica Et Cosmochimica Acta</i> , 1992, 56, 4025-4043.	1.6	258
8	Distribution and sources of organic biomarkers in arctic sediments from the Mackenzie River and Beaufort Shelf. <i>Marine Chemistry</i> , 2000, 71, 23-51.	0.9	256
9	The supply and preservation of ancient and modern components of organic carbon in the Canadian Beaufort Shelf of the Arctic Ocean. <i>Marine Chemistry</i> , 2005, 93, 53-73.	0.9	253
10	Development and reworking of a seasonal flood deposit on the inner continental shelf off the Atchafalaya River. <i>Continental Shelf Research</i> , 2000, 20, 2267-2294.	0.9	198
11	Alkaline CuO Oxidation with a Microwave Digestion System: Lignin Analyses of Geochemical Samples. <i>Analytical Chemistry</i> , 2000, 72, 3116-3121.	3.2	197
12	Sources and reactivities of marine-derived organic matter in coastal sediments as determined by alkaline CuO oxidation. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 2965-2981.	1.6	192
13	Tannin diagenesis in mangrove leaves from a tropical estuary: a novel molecular approach. <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 3109-3122.	1.6	177
14	Fungal degradation of wood lignins: Geochemical perspectives from CuO-derived phenolic dimers and monomers. <i>Geochimica Et Cosmochimica Acta</i> , 1993, 57, 3985-4002.	1.6	172
15	Controls on the distribution and accumulation of terrigenous organic matter in sediments from the Mississippi and Atchafalaya river margin. <i>Marine Chemistry</i> , 2004, 92, 331-352.	0.9	146
16	Characterization of a highly resistant biomacromolecular material in the cell wall of a marine dinoflagellate resting cyst. <i>Organic Geochemistry</i> , 1998, 28, 265-288.	0.9	131
17	Potential applications of cutin-derived CuO reaction products for discriminating vascular plant sources in natural environments. <i>Geochimica Et Cosmochimica Acta</i> , 1990, 54, 3073-3081.	1.6	130
18	Organic matter origin and distribution in suspended particulate materials and surficial sediments from the western Adriatic Sea (Italy). <i>Estuarine, Coastal and Shelf Science</i> , 2007, 73, 431-446.	0.9	118

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19	Source, transport and fate of terrestrial organic carbon on the western Mediterranean Sea, Gulf of Lions, France. <i>Marine Chemistry</i> , 2007, 105, 101-117.	0.9	115
20	Sources and Transformations of Organic Matter in Surface Soils and Sediments from a Tidal Estuary (North Inlet, South Carolina, USA). <i>Estuaries and Coasts</i> , 2000, 23, 548.	1.7	111
21	Storm layer deposition on the Mississippi-Atchafalaya subaqueous delta generated by Hurricane Lili in 2002. <i>Continental Shelf Research</i> , 2005, 25, 2213-2232.	0.9	104
22	Particulate organic matter export by two contrasting small mountainous rivers from the Pacific Northwest, U.S.A.. <i>Journal of Geophysical Research C: Biogeosciences</i> , 2013, 118, 112-134.	1.3	104
23	The diagenetic behavior of cutin acids in buried conifer needles and sediments from a coastal marine environment. <i>Geochimica Et Cosmochimica Acta</i> , 1990, 54, 3083-3093.	1.6	97
24	Distribution and sources of particulate organic matter in the water column and sediments of the Fly River Delta, Gulf of Papua (Papua New Guinea). <i>Estuarine, Coastal and Shelf Science</i> , 2006, 69, 225-245.	0.9	97
25	Cutin-derived CuO reaction products from purified cuticles and tree leaves. <i>Geochimica Et Cosmochimica Acta</i> , 1990, 54, 3065-3072.	1.6	90
26	Distribution and sources of organic matter in surface marine sediments across the North American Arctic margin. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 4017-4035.	1.0	90
27	Stable carbon isotopic analyses of lignin-derived CuO oxidation products by isotope ratio monitoring-gas chromatography-mass spectrometry (irm-GC-MS). <i>Organic Geochemistry</i> , 1996, 24, 601-615.	0.9	88
28	Constancy in the vegetation of the Amazon Basin during the late Pleistocene: Evidence from the organic matter composition of Amazon deep sea fan sediments. <i>Geology</i> , 2003, 31, 291.	2.0	82
29	Chemical characteristics of particulate organic matter from a small, mountainous river system in the Oregon Coast Range, USA. <i>Biogeochemistry</i> , 2012, 107, 43-66.	1.7	80
30	Terrigenous organic matter in sediments from the Fly River delta-cliniform system (Papua New Guinea). <i>Journal of Geophysical Research</i> , 2008, 113, 7310-7320.	3.3	73
31	Seasonal Dynamics in Dissolved Organic Carbon Concentrations in a Coastal Water-Table Aquifer at the Forest-Marsh Interface. <i>Aquatic Geochemistry</i> , 2003, 9, 209-232.	1.5	68
32	Biogeochemical characterization of carbon sources in the Strickland and Fly rivers, Papua New Guinea. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	68
33	Organic matter distribution and accumulation on the inner Louisiana shelf west of the Atchafalaya River. <i>Continental Shelf Research</i> , 2001, 21, 1691-1721.	0.9	66
34	Trends in the suspended-sediment yields of coastal rivers of northern California, 1955-2010. <i>Journal of Hydrology</i> , 2013, 489, 108-123.	2.3	66
35	Sources, pathways and sinks of particulate organic matter in Hudson Bay: Evidence from lignin distributions. <i>Marine Chemistry</i> , 2008, 112, 215-229.	0.9	64
36	Modifications of the C ₃₇ alkenone and alkenoate composition in the water column and sediment: Possible implications for sea surface temperature estimates in paleoceanography. <i>Geochimica Et Cosmochimica Acta</i> , 2000, 64, n/a-n/a.	1.0	63

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37	Source and composition of organic matter in the Bari canyon (Italy): Dense water cascading versus particulate export from the upper ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2008, 55, 813-831.	0.6	56
38	Oceanographic considerations for the application of the alkenone-based paleotemperature U ₃₇ K ² index in the Gulf of California. <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 545-557.	1.6	55
39	Biogenic fluxes in the Cariaco Basin: a combined study of sinking particulates and underlying sediments. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2003, 50, 781-807.	0.6	55
40	The effect of Hurricane Lili on the distribution of organic matter along the inner Louisiana shelf (Gulf of Mexico, USA). <i>Continental Shelf Research</i> , 2006, 26, 2260-2280.	0.9	54
41	Sediment delivery from the Fly River tidally dominated delta to the nearshore marine environment and the impact of El Niño. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	53
42	The effects of wildfire on the sediment yield of a coastal California watershed. <i>Bulletin of the Geological Society of America</i> , 2012, 124, 1130-1146.	1.6	51
43	Suspended sediment behavior in a coastal dry-summer subtropical catchment: Effects of hydrologic preconditions. <i>Geomorphology</i> , 2014, 214, 485-501.	1.1	51
44	Reactive iron and manganese distributions in seabed sediments near small mountainous rivers off Oregon and California (USA). <i>Continental Shelf Research</i> , 2013, 54, 67-79.	0.9	50
45	Soft-Rot Fungal Degradation of Lignin in 2700 Year Old Archaeological Woods. <i>Holzforschung</i> , 1995, 49, 1-10.	0.9	48
46	Chemical and microscopic characterization of outer seed coats of fossil and extant water plants. <i>Geochimica Et Cosmochimica Acta</i> , 1994, 58, 3823-3844.	1.6	47
47	Lateral advection of organic matter in cascading-dominated submarine canyons. <i>Progress in Oceanography</i> , 2010, 84, 185-203.	1.5	47
48	Effects of antecedent hydrologic conditions, time dependence, and climate cycles on the suspended sediment load of the Salinas River, California. <i>Journal of Hydrology</i> , 2015, 525, 632-649.	2.3	46
49	Fluxes and sources of suspended organic matter in an estuarine turbidity maximum region during low discharge conditions. <i>Estuarine, Coastal and Shelf Science</i> , 2005, 63, 683-700.	0.9	45
50	Oceanographic and climatologic controls on the compositions and fluxes of biogenic materials in the water column and sediments of the Cariaco Basin over the Late Holocene. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2009, 56, 614-640.	0.6	45
51	Coherence of river and ocean conditions along the US West Coast during storms. <i>Continental Shelf Research</i> , 2011, 31, 789-805.	0.9	43
52	Changes in the composition of organic matter from prodeltaic sediments after a large flood event (Po) Tj ETQq0 0 Q rgBT /Overlock 10 T	1.6	42
53	Matrix protected organic matter in a river dominated margin: A possible mechanism to sequester terrestrial organic matter?. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 2673-2686.	1.6	42
54	Characterization of particulate organic matter in the Lena River delta and adjacent nearshore zone, NE Siberia – Part 2: Lignin-derived phenol compositions. <i>Biogeosciences</i> , 2015, 12, 2261-2283.	1.3	37

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55	Persistence of Biogeochemical Alterations of Deep-Sea Sediments by Bottom Trawling. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091279.	1.5	37
56	Analysis of kerogens and kerogen precursors by flash pyrolysis in combination with isotope-ratio-monitoring gas chromatography-mass spectrometry (irm-GC-MS). <i>Journal of High Resolution Chromatography</i> , 1994, 17, 476-488.	2.0	34
57	Influence of distributary channels on sediment and organic matter supply in event-dominated coastal margins: the Po prodelta as a study case. <i>Biogeosciences</i> , 2011, 8, 365-385.	1.3	34
58	Composition and fluxes of particulate organic matter in a temperate estuary (Winyah Bay, South Carolina). <i>Estuarine, Coastal and Shelf Science</i> , 2000, 50, 273-291.	0.9	32
59	Particle size characterization of historic sediment deposition from a closed estuarine lagoon, Central California. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 126, 23-33.	0.9	31
60	Organic matter compositions and loadings in soils and sediments along the Fly River, Papua New Guinea. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 140, 275-296.	1.6	31
61	The effect of El Niño Southern Oscillation cycles on the decadal scale suspended sediment behavior of a coastal dry-summer subtropical catchment. <i>Earth Surface Processes and Landforms</i> , 2015, 40, 272-284.	1.2	31
62	Temporal and Spatial Dynamics of Physical and Biological Properties along the Endurance Array of the California Current Ecosystem. <i>Oceanography</i> , 2018, 31, 80-89.	0.5	31
63	Use of organic biomarkers to trace the transport of marine and terrigenous organic matter through the southwestern canyons of the Gulf of Lion. <i>Marine Chemistry</i> , 2011, 126, 1-12.	0.9	30
64	Early diagenesis of recently deposited organic matter: A 9-yr time-series study of a flood deposit. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 83, 19-36.	1.6	29
65	Glacial-interglacial organic carbon record from the Makassar Strait, Indonesia: implications for regional changes in continental vegetation. <i>Quaternary Science Reviews</i> , 2004, 23, 17-27.	1.4	27
66	Properties of intertidal marsh sediment mobilized by rainfall. <i>Limnology and Oceanography</i> , 2003, 48, 1245-1253.	1.6	26
67	Oceanographic controls on the carbon isotopic compositions of sinking particles from the Cariaco Basin. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2004, 51, 1955-1974.	0.6	26
68	A terrestrial organic matter depocenter on a high-energy margin: The Umpqua River system, Oregon. <i>Continental Shelf Research</i> , 2012, 39-40, 78-91.	0.9	26
69	Organic matter compositions of rivers draining into Hudson Bay: Present-day trends and potential as recorders of future climate change. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 1848-1869.	1.3	26
70	The Role of Salt Marsh Structure in the Distribution of Surface Sedimentary Organic Matter. <i>Estuaries and Coasts</i> , 2016, 39, 108-122.	1.0	23
71	Generation, transport, and preservation of the alkenone-based sea surface temperature index in the water column and sediments of the Cariaco Basin (Venezuela). <i>Global Biogeochemical Cycles</i> , 2004, 18, n/a-n/a.	1.9	22
72	Natural and human impacts on centennial sediment accumulation patterns on the Umpqua River margin, Oregon. <i>Marine Geology</i> , 2013, 339, 44-56.	0.9	20

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73	Early diagenesis and trace element accumulation in North American Arctic margin sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 203, 175-200.	1.6	20
74	Design and application of a semi-automated filtration system to study the distribution of particulate organic carbon in the water column of a coastal upwelling system. <i>Marine Chemistry</i> , 2011, 123, 67-77.	0.9	19
75	Data report: dissolved minor element compositions, sediment major and minor element concentrations, and reactive iron and manganese data from the Lesser Antilles volcanic arc region, IODP Expedition 340 Sites U1394, U1395, U1396, U1399, and U1400. <i>Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program</i> . 0, . . .	1.0	19
76	A lipid molecular marker assessment of sediments from the Northern Gulf of Mexico before and after the passage of Hurricane Lili. <i>Organic Geochemistry</i> , 2006, 37, 1115-1129.	0.9	17
77	Composition and provenance of terrigenous organic matter transported along submarine canyons in the Gulf of Lion (NW Mediterranean Sea). <i>Progress in Oceanography</i> , 2013, 118, 81-94.	1.5	17
78	Changes in wind-driven upwelling during the last three centuries: Interocean teleconnections. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	15
79	Occurrence and sources of polar lipid tracers in sediments from the Shatt al-Arab River of Iraq and the northwestern Arabian Gulf. <i>Science of the Total Environment</i> , 2014, 470-471, 180-192.	3.9	15
80	Incorporation of ¹³ C-Labeled Coniferyl Alcohol into Developing Ginkgo biloba L. Lignin Revealed by Analytical Pyrolysis and CuO Oxidation in Combination with Isotope Ratio Monitoring-Gas Chromatography-Mass Spectrometry. <i>Holzforschung</i> , 2000, 54, 39-54.	0.9	13
81	Particulate organic matter distributions in surface waters of the Pacific Arctic shelf during the late summer and fall season. <i>Marine Chemistry</i> , 2019, 211, 75-93.	0.9	13
82	Abandoned channel fill sequences in the tidal estuary of a small mountainous, dry-summer river. <i>Sedimentology</i> , 2016, 63, 176-206.	1.6	12
83	Nonpolar lipid tracers in sediments from the Shatt al-Arab River of Iraq and the northwestern Arabian Gulf. <i>Arabian Journal of Geosciences</i> , 2014, 7, 5495-5508.	0.6	10
84	Chapter 5 Variable Styles of Sediment Accumulation Impacting Strata Formation on a Clinoform: Gulf of Papua, Papua New Guinea. <i>Developments in Earth and Environmental Sciences</i> , 2008, 9, 177-204.	0.1	9
85	Reexposure and advection of ¹⁴ C-depleted organic carbon from old deposits at the upper continental slope. <i>Global Biogeochemical Cycles</i> , 2010, 24, .	1.9	9
86	Low-tide rainfall effects on metal content of suspended sediment in the Sacramento-San Joaquin Delta. <i>Continental Shelf Research</i> , 2013, 56, 39-55.	0.9	9
87	Nutrient-Rich Gravity Current Formed by Upwelling in Barrow Canyon: High-Resolution Observations. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016160.	1.0	7
88	Impact of Hurricanes Katrina and Lili on the Inner Shelf of the Mississippi-Atchafalaya Delta. , 2007, , .		6
89	Particulate Organic Matter Distributions in the Water Column of the Chukchi Sea During Late Summer. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017664.	1.0	6
90	Effects of Low Tide Rainfall on Intertidal Zone Material Cycling. <i>Coastal and Estuarine Studies</i> , 0, , 93-114.	0.4	5

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91	Cupric Oxide (CuO) Oxidation Detects Pyrogenic Carbon in Burnt Organic Matter and Soils. PLoS ONE, 2016, 11, e0151957.	1.1	5
92	Conversion to drip irrigated agriculture may offset historic anthropogenic and wildfire contributions to sediment production. Science of the Total Environment, 2016, 556, 219-230.	3.9	4
93	Wintertime particulate organic matter distributions in surface waters of the northern California current system. Continental Shelf Research, 2021, 213, 104312.	0.9	4
94	Sedimentary carbon dynamics of the Atchafalaya and Mississippi River Delta system and associated margin. , 2013, , 473-502.		2
95	Molecular-level characterization of marine-derived sedimentary organic matter by alkaline CuO oxidation: sources and reactivities of organic matter from Skan Bay (Alaska) sediments. Chemical Geology, 1993, 107, 483-485.	1.4	1
96	Peer reviewer recognition for 2014. Journal of Geophysical Research G: Biogeosciences, 2015, 120, 1471-1474.	1.3	0
97	Dr. Robert C. Thunell: A 40-Year Career of Outstanding Science, Service, and Education in Paleoceanography and Paleoclimatology. Paleoceanography and Paleoclimatology, 2020, 35, e2019PA003786.	1.3	0
98	Thank You to Our 2019 Reviewers. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2020JG005700.	1.3	0
99	Letter of Appreciation to Our 2020 Reviewers in the Time of COVID-19. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2021JG006261.	1.3	0