

Marta S Maier

List of Publications by Year in descending order

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71
papers

1,606
citations

257450

24
h-index

330143

37
g-index

73
all docs

73
docs citations

73
times ranked

1401
citing authors

#	ARTICLE	IF	CITATIONS
1	Finding of muscle proteins in art samples from mid-18th century murals by LC-MS/MS. <i>Journal of Cultural Heritage</i> , 2021, 48, 227-235.	3.3	5
2	Micro-Raman spectroscopy and complementary techniques applied for the analysis of rock art paintings at the archaeological locality La Angostura, lower valley of Chubut River (Patagonia, Argentina). <i>Journal of Raman Spectroscopy</i> , 2021, 52, 2204-2217.	1.8	5
3	Identification and characterization of basic copper sulfates as mineral green pigments in Andean colonial mural paintings: Use of temperature-controlled stage for the study of thermal induced antlerite degradation. <i>Journal of Raman Spectroscopy</i> , 2021, 52, 2204-2217.	2.5	4
4	Combined use of gas chromatography and HPLC-ESI-Q-TOF to assess the culinary uses of archaeological Santa María style ceramic vessels from El Colorado (Catamarca, Argentina). <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	1.8	5
5	Production of the bioactive pigment elsinochrome A by a cultured mycobiont strain of the lichen <i>Graphis elongata</i> . <i>Mycological Progress</i> , 2018, 17, 479-487.	1.4	6
6	Exploring the culinary uses of Santa María and Belén painted vessels from the Late Intermediate Period in Catamarca, Argentina. <i>Journal of Archaeological Science: Reports</i> , 2018, 18, 660-667.	0.5	7
7	Characterization of pigments and binders in a mural painting from the Andean church of San Andrés de Pachama (northernmost of Chile). <i>Heritage Science</i> , 2018, 6, .	2.3	21
8	Investigation of proteins in samples of a mid-18th century colonial mural painting by MALDI-TOF/MS and LC-ESI/MS (Orbitrap). <i>Microchemical Journal</i> , 2018, 143, 457-466.	4.5	17
9	A definitive analytical spectroscopic study of Indian yellow, an ancient pigment used for dating purposes. <i>Forensic Science International</i> , 2017, 271, 1-7.	2.2	19
10	Preliminary molecular evidence of feasting in the Inca site of Fuerte Quemado-Intihuatana, Catamarca, Argentina. <i>Journal of Archaeological Science: Reports</i> , 2017, 14, 580-590.	0.5	4
11	Programa iconográfico y material en las pinturas murales de la iglesia de San Andrés de Pachama, Chile. <i>Colonial Latin American Review</i> , 2016, 25, 245-264.	0.2	14
12	Virtuous colours for Mary. Identification of lapis lazuli, smalt and cochineal in the Andean colonial image of Our Lady of Copacabana (Bolivia). <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20160047.	3.4	10
13	Polyhydroxylated sulfated steroids derived from 5 β -cholestanes as antiviral agents against herpes simplex virus. <i>Archives of Virology</i> , 2016, 161, 1993-1999.	2.1	7
14	A multi-analytical investigation of the materials and painting technique of a wall painting from the church of Copacabana de Andamarca (Bolivia). <i>Microchemical Journal</i> , 2016, 128, 172-180.	4.5	29
15	Raman spectroscopic analysis of archaeological specimens from the wreck of HMS Swift, 1770. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20160053.	3.4	3
16	Direct inlet mass spectrometry for a rapid characterization of indigo in lipidic and proteinaceous matrices. <i>Microchemical Journal</i> , 2016, 125, 21-28.	4.5	4
17	Identification of carbon-based black pigments in four South American polychrome wooden sculptures by Raman microscopy. <i>Heritage Science</i> , 2015, 3, .	2.3	25
18	Cytotoxic Triterpene Glycosides from Sea Cucumbers. , 2015, , 515-528.		3

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19	Identification of pyroxene minerals used as black pigments in painted human bones excavated in Northern Patagonia by Raman spectroscopy and XRD. <i>Microchemical Journal</i> , 2015, 121, 157-162.	4.5	10
20	Usnic acid and Triacylglycerides Production by the Cultured Lichen Mycobiont of <i>Ramalina celastri</i> . <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.5	5
21	Cerebrosides from Marine Organisms. <i>Studies in Natural Products Chemistry</i> , 2014, , 59-81.	1.8	5
22	Synthesis and cytotoxic evaluation of four new 6E-hydroximinosteroids. <i>Steroids</i> , 2014, 84, 7-10.	1.8	13
23	Pseudocnoside A, a new cytotoxic and antiproliferative triterpene glycoside from the sea cucumber <i>Pseudocnus dubiosus leoninus</i> . <i>Natural Product Research</i> , 2014, 28, 213-220.	1.8	16
24	The Sibyls from the church of San Pedro Telmo: a micro-Raman spectroscopic investigation. <i>Journal of Raman Spectroscopy</i> , 2014, 45, 1046-1051.	2.5	20
25	Synthesis and acetylcholinesterase inhibitory activity of polyhydroxylated sulfated steroids: Structure/activity studies. <i>Steroids</i> , 2013, 78, 1141-1147.	1.8	15
26	Atacamite as a natural pigment in a South American colonial polychrome sculpture from the late XVI century. <i>Journal of Raman Spectroscopy</i> , 2013, 44, 637-642.	2.5	29
27	HEMATITA VS. ARCILLAS: SU POTENCIAL COMO PIGMENTOS ROJOS Y SU USO EN TRES SITIOS DE LA PUNA JUJEÑA (ARGENTINA). <i>Boletín Del Museo Chileno De Arte Precolombino</i> , 2013, 18, 67-83.	0.2	5
28	Micro-Raman spectroscopy of carbon-based black pigments. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 1671-1675.	2.5	140
29	Chapter 20. The Application of Analytical Archaeometry in Underwater Cultural Heritage—A Case Study from Patagonia, Argentina. , 2012, , 532-549.		2
30	EVIDENCIAS QUÍMICAS DE DETERIORO AMBIENTAL EN MANIFESTACIONES RUPESTRES: UN CASO DE ESTUDIO DEL OESTE TINOGASTEÑO (CATAMARCA, ARGENTINA). <i>Boletín Del Museo Chileno De Arte Precolombino</i> , 2012, 17, 27-38.	0.2	6
31	Culture studies on the mycobiont of <i>Caloplaca erythrantha</i> (Tuck.) Zahlbr. (Teloschistaceae): high production of major lichen secondary metabolites. <i>Lichenologist</i> , 2012, 44, 533-542.	0.8	5
32	Synthesis and acetylcholinesterase inhibitory activity of 2 ² ,3 ¹ -disulfoxy-5 ¹ -cholestan-6-one. <i>Steroids</i> , 2011, 76, 1160-1165.	1.8	14
33	Patagonicosides B and C, Two Antifungal Sulfated Triterpene Glycosides from the Sea Cucumber <i>Psolus patagonicus</i> . <i>Chemistry and Biodiversity</i> , 2011, 8, 467-475.	2.1	17
34	Triterpenoids with Acetylcholinesterase Inhibition from <i>Chuquiraga erinacea</i> D. Don. subsp. <i>erinacea</i> (Asteraceae). <i>Planta Medica</i> , 2010, 76, 607-610.	1.3	31
35	Culture studies on the mycobiont isolated from <i>Parmotrema reticulatum</i> (Taylor) Choisy: metabolite production under different conditions. <i>Mycological Progress</i> , 2009, 8, 359-365.	1.4	23
36	Fernene Triterpenoids from the Lichen <i>Pyxine berteriana</i> . <i>Journal of Natural Products</i> , 2009, 72, 1902-1904.	3.0	9

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37	A natural tetranortriterpenoid with immunomodulating properties as a potential anti-HSV agent. <i>Virus Research</i> , 2009, 141, 47-54.	2.2	21
38	Antiproliferative, Cytotoxic and Hemolytic Activities of a Triterpene Glycoside from <i>Psolus patagonicus</i> and Its Desulfated Analog. <i>Chemotherapy</i> , 2009, 55, 60-68.	1.6	25
39	Combining TXRF, FT-IR and GC-MS information for identification of inorganic and organic components in black pigments of rock art from Alero Hornillos 2 (Jujuy, Argentina). <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 1381-1387.	3.7	41
40	Chemical analyses of the earliest pigment residues from the uttermost part of the planet (Beagle) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 35, 3047-3056.	2.4	36
41	Biological Activities of Sulfated Glycosides from Echinoderms. <i>Studies in Natural Products Chemistry</i> , 2008, 35, 311-354.	1.8	28
42	Lichen Secondary Metabolites from the Cultured Lichen Mycobionts of <i>Teloschistes chrysophthalmus</i> and <i>Ramalina celastri</i> and their Antiviral Activities. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2007, 62, 543-549.	1.4	44
43	One New Prenylated Furanone and Other non Polar Constituents from <i>Mutisia friesiana</i> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2005, 60, 585-589.	0.7	1
44	Minutosides A and B, Antifungal Sulfated Steroid Xylosides from the Patagonian Starfish <i>Anasterias minuta</i> . <i>Journal of Natural Products</i> , 2005, 68, 1279-1283.	3.0	26
45	5-Methylcoumaranones from <i>Mutisia friesiana</i> and Their Bioactivity. <i>Journal of Natural Products</i> , 2004, 67, 778-782.	3.0	9
46	Anthraquinones from the cultured lichen mycobionts of <i>Teloschistes exilis</i> and <i>Caloplaca erythrantha</i> . <i>Biochemical Systematics and Ecology</i> , 2003, 31, 1197-1200.	1.3	8
47	Synthesis and antiviral activity of sulfated and acetylated derivatives of 2 β ,3 α -dihydroxy-5 β -cholestane. <i>Steroids</i> , 2003, 68, 125-132.	1.8	31
48	Biologically Active Triterpene Glycosides from Sea Cucumbers (Holothuroidea, Echinodermata). <i>Studies in Natural Products Chemistry</i> , 2003, , 587-615.	1.8	26
49	An Antiviral Meliacarpin from Leaves of <i>Melia azedarach</i> L.. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2003, 58, 215-219.	1.4	47
50	Anasterocerebroside A, a New Glucosylceramide from the Patagonian Starfish <i>Anasterias minuta</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2003, 58, 433-440.	1.4	9
51	Antifungal Methylphenone Derivatives and 5-Methylcoumarins from <i>Mutisia friesiana</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2003, 58, 533-540.	1.4	8
52	Green, Yellow, and Red Pigments in South American Painting, 1610-1780. <i>Journal of the American Institute for Conservation</i> , 2002, 41, 225-242.	0.5	4
53	Green, Yellow, and Red Pigments in South American Painting, 1610-1780. <i>Journal of the American Institute for Conservation</i> , 2002, 41, 225.	0.5	11
54	Cytotoxic and Antifungal Triterpene Glycosides from the Patagonian Sea Cucumber <i>Hemoiedema</i> <i>pectabilis</i> . <i>Journal of Natural Products</i> , 2002, 65, 860-865.	3.0	92

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55	Antifungal Steroidal Glycosides from the Patagonian Starfish <i>Anasterias munita</i> : Structure-Activity Correlations. <i>Journal of Natural Products</i> , 2002, 65, 153-157.	3.0	49
56	Two novel glucosylceramides from gonads and body walls of the patagonian starfish <i>Allostichaster inaequalis</i> . <i>Lipids</i> , 2002, 37, 597-603.	1.7	35
57	Two New Cytotoxic and Virucidal Trisulfated Triterpene Glycosides from the Antarctic Sea Cucumber <i>Staurocucumis liouvillei</i> . <i>Journal of Natural Products</i> , 2001, 64, 732-736.	3.0	137
58	Patagonicoside A: a novel antifungal disulfated triterpene glycoside from the sea cucumber <i>Psolus patagonicus</i> . <i>Tetrahedron</i> , 2001, 57, 9563-9568.	1.9	58
59	Antifungal diastereomeric furanones from <i>Mutisia friesiana</i> : structural determination and conformational analysis. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 991-998.	1.8	10
60	Configurational assignments of diastereomeric β -lactones using vicinal ^1H NMR coupling constants and molecular modelling. <i>Perkin Transactions II RSC</i> , 2000, , 1832-1836.	1.1	7
61	A Revised Structure for (β) -Dihydropertusaric Acid, a β -Butyrolactone Acid from the Lichen <i>Punctelia microsticta</i> . <i>Journal of Natural Products</i> , 1999, 62, 1565-1567.	3.0	45
62	Evaluation of the antiviral activity of natural sulfated polyhydroxysteroids and their synthetic derivatives and analogs. <i>Steroids</i> , 1999, 64, 335-340.	1.8	46
63	Blue Pigments in South American Painting (1610-1780). <i>Journal of the American Institute for Conservation</i> , 1999, 38, 100-123.	0.5	30
64	Isolation and structure of glucosylceramides from the starfish <i>Cosmasterias lurida</i> . <i>Lipids</i> , 1998, 33, 825-827.	1.7	26
65	New Sulfated Polyhydroxysteroids from the Antarctic Ophiuroid <i>Astrotruma agassizii</i> . <i>Journal of Natural Products</i> , 1998, 61, 370-374.	3.0	26
66	Antiviral Sulfated Steroids from the Ophiuroid <i>Ophioplocus januarii</i> . <i>Journal of Natural Products</i> , 1996, 59, 887-889.	3.0	31
67	Main sterols from the echinoid <i>Encope emarginata</i> . <i>Biochemical Systematics and Ecology</i> , 1996, 24, 115-118.	1.3	5
68	Mild deprotection of steroid esters by Bis(tributyltin)oxide. <i>Tetrahedron Letters</i> , 1995, 36, 3311-3314.	1.4	20
69	Starfish Saponins, Part 2. Steroidal Oligoglycosides from the Starfish <i>Cosmasterias lurida</i> . <i>Journal of Natural Products</i> , 1994, 57, 747-754.	3.0	27
70	Two Novel Steroidal Glycoside Sulfates from the Starfish <i>Cosmasterias lurida</i> . <i>Journal of Natural Products</i> , 1993, 56, 939-942.	3.0	19
71	Non-invasive and non-destructive Raman spectroscopic characterization of some Brazilian ethnographic resins. <i>Journal of Raman Spectroscopy</i> , 0, , .	2.5	4