Marta S Maier

List of Publications by Year
in descending order

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71	1,606	257450	330143
papers	citations	24 h-index	37 g-index

73	73	73	1401
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microâ€Raman spectroscopy of carbonâ€based black pigments. Journal of Raman Spectroscopy, 2012, 43, 1671-1675.	2.5	140
2	Two New Cytotoxic and Virucidal Trisulfated Triterpene Glycosides from the Antarctic Sea Cucumber Staurocucumis liouvillei. Journal of Natural Products, 2001, 64, 732-736.	3.0	137
3	Cytotoxic and Antifungal Triterpene Glycosides from the Patagonian Sea Cucumber Hemoiedema spectabilis. Journal of Natural Products, 2002, 65, 860-865.	3.0	92
4	Patagonicoside A: a novel antifungal disulfated triterpene glycoside from the sea cucumber Psolus patagonicus. Tetrahedron, 2001, 57, 9563-9568.	1.9	58
5	Antifungal Steroidal Glycosides from the Patagonian StarfishAnasteriasminuta:â€‰Structureâ^'Activity Correlations. Journal of Natural Products, 2002, 65, 153-157.	3.0	49
6	An Antiviral Meliacarpin from Leaves of Melia azedarach L.. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2003, 58, 215-219.	1.4	47
7	Evaluation of the antiviral activity of natural sulfated polyhydroxysteroids and their synthetic derivatives and analogs. Steroids, 1999, 64, 335-340.	1.8	46
8	A Revised Structure for (â^')-Dihydropertusaric Acid, a Î³-Butyrolactone Acid from the LichenPunctelia microsticta. Journal of Natural Products, 1999, 62, 1565-1567.	3.0	45
9	Lichen Secondary Metabolites from the Cultured Lichen Mycobionts of Teloschistes chrysophthalmus and Ramalina celastri and their Antiviral Activities. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2007, 62, 543-549.	1.4	44
10	Combining TXRF, FT-IR and GCâ€“MS information for identification of inorganic and organic components in black pigments of rock art from Alero Hornillos 2 (Jujuy, Argentina). Analytical and Bioanalytical Chemistry, 2008, 391, 1381-1387.	3.7	41
11	Chemical analyses of the earliest pigment residues from the uttermost part of the planet (Beagle) Tj ETQq1 1 0.784314 rgBT /Overloc 35, 3047-3056.	2.4	36
12	Two novel glucosylceramides from gonads and body walls of the patagonian starfish Allostichaster inaequalis. Lipids, 2002, 37, 597-603.	1.7	35
13	Antiviral Sulfated Steroids from the OphiuroidOphioplocus januarii. Journal of Natural Products, 1996, 59, 887-889.	3.0	31
14	Synthesis and antiviral activity of sulfated and acetylated derivatives of 2Î²,3Î±-dihydroxy-5Î±-cholestane. Steroids, 2003, 68, 125-132.	1.8	31
15	Triterpenoids with Acetylcholinesterase Inhibition fromChuquiraga erinaceaD. Don. subsp.erinacea(Asteraceae). Planta Medica, 2010, 76, 607-610.	1.3	31
16	Blue Pigments in South American Painting (1610â€“1780). Journal of the American Institute for Conservation, 1999, 38, 100-123.	0.5	30
17	Atacamite as a natural pigment in a South American colonial polychrome sculpture from the late XVI century. Journal of Raman Spectroscopy, 2013, 44, 637-642.	2.5	29
18	A multi-analytical investigation of the materials and painting technique of a wall painting from the church of Copacabana de Andamarca (Bolivia). Microchemical Journal, 2016, 128, 172-180.	4.5	29

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19	Biological Activities of Sulfated Glycosides from Echinoderms. Studies in Natural Products Chemistry, 2008, 35, 311-354.	1.8	28
20	Starfish Saponins, Part 2. Steroidal Oligoglycosides from the Starfish Cosmasterias lurida. Journal of Natural Products, 1994, 57, 747-754.	3.0	27
21	Isolation and structure of glucosylceramides from the starfish Cosmasterias lurida. Lipids, 1998, 33, 825-827.	1.7	26
22	New Sulfated Polyhydroxysteroids from the Antarctic OphiuroidAstrotomaagassizii. Journal of Natural Products, 1998, 61, 370-374.	3.0	26
23	Biologically Active Triterpene Glycosides from Sea Cucumbers (Holothuroidea, Echinodermata). Studies in Natural Products Chemistry, 2003, , 587-615.	1.8	26
24	Minutosides A and B, Antifungal Sulfated Steroid Xylosides from the Patagonian Starfish Anasterias minuta. Journal of Natural Products, 2005, 68, 1279-1283.	3.0	26
25	Antiproliferative, Cytotoxic and Hemolytic Activities of a Triterpene Glycoside from Psolus patagonicus and Its Desulfated Analog. Chemotherapy, 2009, 55, 60-68.	1.6	25
26	Identification of carbon-based black pigments in four South American polychrome wooden sculptures by Raman microscopy. Heritage Science, 2015, 3, .	2.3	25
27	Culture studies on the mycobiont isolated from Parmotrema reticulatum (Taylor) Choisy: metabolite production under different conditions. Mycological Progress, 2009, 8, 359-365.	1.4	23
28	A natural tetranortriterpenoid with immunomodulating properties as a potential anti-HSV agent. Virus Research, 2009, 141, 47-54.	2.2	21
29	Characterization of pigments and binders in a mural painting from the Andean church of San AndrÃ©s de Pachama (northernmost of Chile). Heritage Science, 2018, 6, .	2.3	21
30	Mild deprotection of steroid esters by Bis(tributyltin)oxide. Tetrahedron Letters, 1995, 36, 3311-3314.	1.4	20
31	The Sibyls from the church of San Pedro Telmo: a microâ€Raman spectroscopic investigation. Journal of Raman Spectroscopy, 2014, 45, 1046-1051.	2.5	20
32	Two Novel Steroidal Glycoside Sulfates from the Starfish Cosmasterias lurida. Journal of Natural Products, 1993, 56, 939-942.	3.0	19
33	A definitive analytical spectroscopic study of Indian yellow, an ancient pigment used for dating purposes. Forensic Science International, 2017, 271, 1-7.	2.2	19
34	Patagonicosides B and C, Two Antifungal Sulfated Triterpene Glycosides from the Sea Cucumber Psolus patagonicus. Chemistry and Biodiversity, 2011, 8, 467-475.	2.1	17
35	Investigation of proteins in samples of a mid-18th century colonial mural painting by MALDI-TOF/MS and LC-ESI/MS (Orbitrap). Microchemical Journal, 2018, 143, 457-466.	4.5	17
36	Pseudocnoside A, a new cytotoxic and antiproliferative triterpene glycoside from the sea cucumberPseudocnus dubiosus leoninus. Natural Product Research, 2014, 28, 213-220.	1.8	16

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37	Synthesis and acetylcholinesterase inhibitory activity of polyhydroxylated sulfated steroids: Structure/activity studies. Steroids, 2013, 78, 1141-1147.	1.8	15
38	Synthesis and acetylcholinesterase inhibitory activity of 2Î²,3Î±-disulfoxy-5Î±-cholestan-6-one. Steroids, 2011, 76, 1160-1165.	1.8	14
39	Programa iconogrÃ¡fico y material en las pinturas murales de la iglesia de San AndrÃ©s de Pachama, Chile. Colonial Latin American Review, 2016, 25, 245-264.	0.2	14
40	Synthesis and cytotoxic evaluation of four new 6E-hydroximinosteroids. Steroids, 2014, 84, 7-10.	1.8	13
41	Green, Yellow, and Red Pigments in South American Painting, 1610-1780. Journal of the American Institute for Conservation, 2002, 41, 225.	0.5	11
42	Antifungal diastereomeric furanones from Mutisia friesiana: structural determination and conformational analysis. Tetrahedron: Asymmetry, 2001, 12, 991-998.	1.8	10
43	Identification of pyroxene minerals used as black pigments in painted human bones excavated in Northern Patagonia by Raman spectroscopy and XRD. Microchemical Journal, 2015, 121, 157-162.	4.5	10
44	Virtuous colours for Mary. Identification of lapis lazuli, smalt and cochineal in the Andean colonial image of Our Lady of Copacabana (Bolivia). Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20160047.	3.4	10
45	Anasterocerebroside A, a New Glucosylceramide from the Patagonian Starfish Anasterias minuta. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2003, 58, 433-440.	1.4	9
46	5-Methylcoumaranones fromMutisiafriesianaand Their Bioactivity. Journal of Natural Products, 2004, 67, 778-782.	3.0	9
47	Fernene Triterpenoids from the Lichen Pyxine berteriana. Journal of Natural Products, 2009, 72, 1902-1904.	3.0	9
48	Anthraquinones from the cultured lichen mycobionts of Teloschistes exilis and Caloplaca erythrantha. Biochemical Systematics and Ecology, 2003, 31, 1197-1200.	1.3	8
49	Antifungal Methylphenone Derivatives and 5-Methylcoumarins from Mutisia friesiana. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2003, 58, 533-540.	1.4	8
50	Configurational assignments of diastereomeric Î³-lactones using vicinal Hâ€“H NMR coupling constants and molecular modellingâ€Šâ€. Perkin Transactions II RSC, 2000, , 1832-1836.	1.1	7
51	Polyhydroxylated sulfated steroids derived from 5Î±-cholestanes as antiviral agents against herpes simplex virus. Archives of Virology, 2016, 161, 1993-1999.	2.1	7
52	Exploring the culinary uses of Santa MarÃa and BelÃ©n painted vessels from the Late Intermediate Period in Catamarca, Argentina. Journal of Archaeological Science: Reports, 2018, 18, 660-667.	0.5	7
53	EVIDENCIAS QUÃMICAS DE DETERIORO AMBIENTAL EN MANIFESTACIONES RUPESTRES: UN CASO DE ESTUDIO DEL OESTE TINOGASTEÃ‘O (CATAMARCA, ARGENTINA). Boletin Del Museo Chileno De Arte Precolombino, 2012, 17, 27-38.	0.2	6
54	Production of the bioactive pigment elsinochrome A by a cultured mycobiont strain of the lichen Graphis elongata. Mycological Progress, 2018, 17, 479-487.	1.4	6

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55	Main sterols from the echinoidEncope emarginata. Biochemical Systematics and Ecology, 1996, 24, 115-118.	1.3	5
56	Culture studies on the mycobiont of Caloplaca erythrantha (Tuck.) Zahlbr. (Teloschistaceae): high production of major lichen secondary metabolites. Lichenologist, 2012, 44, 533-542.	0.8	5
57	HEMATITA VS. ARCILLAS: SU POTENCIAL COMO PIGMENTOS ROJOS Y SU USO EN TRES SITIOS DE LA PUNA JUJEÃ‘A (ARGENTINA). Boletin Del Museo Chileno De Arte Precolombino, 2013, 18, 67-83.	0.2	5
58	Usnic acid and Triacylglycerides Production by the Cultured Lichen Mycobiont of Ramalina celastri. Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	5
59	Cerebrosides from Marine Organisms. Studies in Natural Products Chemistry, 2014, , 59-81.	1.8	5
60	Combined use of gas chromatography and HPLC-ESI-Q-TOF to assess the culinary uses of archaeological Santa MarÃa style ceramic vessels from El Colorado (Catamarca, Argentina). Archaeological and Anthropological Sciences, 2020, 12, 1.	1.8	5
61	Finding of muscle proteins in art samples from mid-18th century murals by LCâ€“MSMS. Journal of Cultural Heritage, 2021, 48, 227-235.	3.3	5
62	Green, Yellow, and Red Pigments in South American Painting, 1610â€“1780. Journal of the American Institute for Conservation, 2002, 41, 225-242.	0.5	4
63	Direct inlet mass spectrometry for a rapid characterization of indigo in lipidic and proteinaceous matrices. Microchemical Journal, 2016, 125, 21-28.	4.5	4
64	Preliminary molecular evidence of feasting in the Inca site of Fuerte Quemado-Intihuatana, Catamarca, Argentina. Journal of Archaeological Science: Reports, 2017, 14, 580-590.	0.5	4
65	Identification and characterization of basic copper sulfates as mineral green pigments in Andean colonial mural paintings: Use of temperatureâ€controlled stage for the study of thermal induced antlerite degradation. Journal of Raman Spectroscopy, 2021, 52, 2204-2217.	2.5	4
66	Nonâ€invasive and nonâ€destructive Raman spectroscopic characterization of some Brazilian ethnographic resins. Journal of Raman Spectroscopy, 0, , .	2.5	4
67	Cytotoxic Triterpene Glycosides from Sea Cucumbers. , 2015, , 515-528.		3
68	Raman spectroscopic analysis of archaeological specimens from the wreck of HMS Swift , 1770. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20160053.	3.4	3
69	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,) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.8	3
70	Chapter 20. The Application of Analytical Archaeometry in Underwater Cultural Heritageâ€”A Case Study from Patagonia, Argentina. , 2012, , 532-549.		2
71	One New Prenylated Furanone and Other non Polar Constituents from Mutisia friesiana. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2005, 60, 585-589.	0.7	1