

Andres Parra

List of Publications by Year in descending order

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82
papers

1,850
citations

218677

26
h-index

315739

38
g-index

88
all docs

88
docs citations

88
times ranked

2366
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant Activity of Maslinic Acid, a Triterpene Derivative Obtained from <i>Olea europaea</i> . <i>Planta Medica</i> , 2003, 69, 472-474.	1.3	146
2	Organic-based molecular switches for molecular electronics. <i>Nanoscale</i> , 2011, 3, 4003.	5.6	91
3	Solution- and solid-phase synthesis and anti-HIV activity of maslinic acid derivatives containing amino acids and peptides. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 1139-1145.	3.0	63
4	Tuning the Fermi Level and the Kinetics of Surface States of TiO ₂ Nanorods by Means of Ammonia Treatments. <i>Journal of Physical Chemistry C</i> , 2013, 117, 20517-20524.	3.1	59
5	Hydrogen-treated Rutile TiO ₂ Shell in Graphite Core Structure as a Negative Electrode for High-performance Vanadium Redox Flow Batteries. <i>ChemSusChem</i> , 2017, 10, 2089-2098.	6.8	58
6	Microbial Transformation of Triterpenoids. <i>Mini-Reviews in Organic Chemistry</i> , 2009, 6, 307-320.	1.3	52
7	Remote Hydroxylation of Methyl Groups by Regioselective Cyclopalladation. Partial Synthesis of Hyptatic Acid-A. <i>Journal of Organic Chemistry</i> , 2007, 72, 3500-3509.	3.2	50
8	Anticoccidial activity of maslinic acid against infection with <i>Eimeria tenella</i> in chickens. <i>Parasitology Research</i> , 2010, 107, 601-604.	1.6	46
9	Spectroscopic investigation on the interaction of maslinic acid with bovine serum albumin. <i>Journal of Luminescence</i> , 2014, 156, 141-149.	3.1	45
10	Novel Oleanolic and Maslinic Acid Derivatives as a Promising Treatment against Bacterial Biofilm in Nosocomial Infections: An in Vitro and in Vivo Study. <i>ACS Infectious Diseases</i> , 2019, 5, 1581-1589.	3.8	43
11	Maslinic Acid, a Natural Triterpene, Induces a Death Receptor-Mediated Apoptotic Mechanism in Caco-2 p53-Deficient Colon Adenocarcinoma Cells. <i>PLoS ONE</i> , 2016, 11, e0146178.	2.5	43
12	Maslinic acid derivatives induce significant apoptosis in b16f10 murine melanoma cells. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 5991-6001.	5.5	41
13	Biotransformation of oleanolic and maslinic acids by <i>Rhizomucor miehei</i> . <i>Phytochemistry</i> , 2013, 94, 229-237.	2.9	40
14	Semi-synthesis of acylated triterpenes from olive-oil industry wastes for the development of anticancer and anti-HIV agents. <i>European Journal of Medicinal Chemistry</i> , 2014, 74, 278-301.	5.5	39
15	Epoxides, Cyclic Sulfoxides, and Sulfate from Natural Pentacyclic Triterpenoids: Theoretical Calculations and Chemical Transformations. <i>Journal of Organic Chemistry</i> , 2003, 68, 4833-4844.	3.2	38
16	Enzymatic glycosylation of terpenoids. <i>Phytochemistry Reviews</i> , 2013, 12, 327-339.	6.5	37
17	Interaction between the anti-cancer drug diacetyl maslinic acid and bovine serum albumin: A biophysical study. <i>Journal of Molecular Liquids</i> , 2015, 208, 304-313.	4.9	37
18	Action of a Pentacyclic Triterpenoid, Maslinic Acid, against <i>Toxoplasma gondii</i> . <i>Journal of Natural Products</i> , 2010, 73, 831-834.	3.0	36

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19	Semi-synthesis and antiproliferative evaluation of PEGylated pentacyclic triterpenes. <i>European Journal of Medicinal Chemistry</i> , 2016, 118, 64-78.	5.5	34
20	Microwave-assisted extraction versus Soxhlet extraction to determine triterpene acids in olive skins. <i>Journal of Separation Science</i> , 2017, 40, 1209-1217.	2.5	34
21	Studies on the Relationship of Structure to Antimicrobial Properties of Diterpenoid Compounds from <i>Sideritis</i> . <i>Planta Medica</i> , 1988, 54, 301-304.	1.3	32
22	Partial synthesis of C-ring derivatives from oleanolic and maslinic acids. Formation of several triene systems by chemical and photochemical isomerization processes. <i>Tetrahedron</i> , 2004, 60, 1491-1503.	1.9	31
23	Antiallodynic and Analgesic Effects of Maslinic Acid, a Pentacyclic Triterpenoid from <i>Olea europaea</i> . <i>Journal of Natural Products</i> , 2013, 76, 737-740.	3.0	30
24	Solid-Phase Library Synthesis of Bi-Functional Derivatives of Oleanolic and Maslinic Acids and Their Cytotoxicity on Three Cancer Cell Lines. <i>ACS Combinatorial Science</i> , 2014, 16, 428-447.	3.8	30
25	Oleanolic Acid Derivatives as Potential Inhibitors of HIV-1 Protease. <i>Journal of Natural Products</i> , 2019, 82, 2886-2896.	3.0	29
26	Diamine and PEGylated-diamine conjugates of triterpenic acids as potential anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 148, 325-336.	5.5	28
27	Simultaneous presence of dynamic and sphere action component in the fluorescence quenching of human serum albumin by dipthaloylmaslinic acid. <i>Journal of Luminescence</i> , 2016, 178, 259-266.	3.1	24
28	Chemical-microbiological synthesis of ent-13-epi-manoyl oxides with biological activities. <i>Phytochemistry</i> , 1994, 37, 741-747.	2.9	23
29	2-a, 3-b-Dihydroxyolean-12-en-28-oic Acid (Maslinic Acid). <i>Molecules</i> , 1998, 3, M88.	3.8	23
30	The oleanolic acid derivative, 3-O-succinyl-28-O-benzyl oleanolate, induces apoptosis in B16 melanoma cells via the mitochondrial apoptotic pathway. <i>RSC Advances</i> , 2016, 6, 93590-93601.	3.6	23
31	Chemical, enzymatic and microbiological synthesis of 8,12-eudesmanolides: Synthesis of sivasinolide and yomogin analogues. <i>Tetrahedron</i> , 1998, 54, 14421-14436.	1.9	22
32	Regioselective Enzymatic Acylations of Polyhydroxylated Eudesmanes: Semisynthesis, Theoretical Calculations, and Biotransformation of Cyclic Sulfites. <i>Journal of Organic Chemistry</i> , 2000, 65, 8214-8223.	3.2	22
33	Effect of the Solvent and the Sample Preparation on the Determination of Triterpene Compounds in Two-Phase Olive-Mill-Waste Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 4269-4275.	5.2	22
34	Synthesis and in vitro antiproliferative evaluation of PEGylated triterpene acids. <i>FÄ-toterapÄ-Äç</i> , 2017, 120, 25-40.	2.2	22
35	Products with biological activity obtained from in vitro micropropagated <i>Sideritis foetens</i> . <i>Phytochemistry</i> , 1994, 35, 645-650.	2.9	21
36	Oxidation of several triterpenic diene and triene systems. Oxidative cleavage to obtain chiral intermediates for drimane and phenanthrene semi-synthesis. <i>Tetrahedron</i> , 2004, 60, 3831-3845.	1.9	19

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37	Chemical-microbiological synthesis of 6 β -eudesmanolides from 11-hydroxyl derivatives obtained by <i>Rhizopus nigricans</i> cultures: Synthesis of 6 β -dendroserins. <i>Tetrahedron</i> , 1993, 49, 1091-1102.	1.9	18
38	Use of p-nitrobenzyloxycarbonyl (pNZ) as a permanent protecting group in the synthesis of Kahalalide F analogs. <i>Tetrahedron Letters</i> , 2005, 46, 7737-7741.	1.4	18
39	On/off electrochemical switches based on quinone-bisketals. <i>Chemical Communications</i> , 2011, 47, 1586-1588.	4.1	18
40	A Diamine-PEGylated Oleanolic Acid Derivative Induced Efficient Apoptosis through a Death Receptor and Mitochondrial Apoptotic Pathway in HepG2 Human Hepatoma Cells. <i>Biomolecules</i> , 2020, 10, 1375.	4.0	18
41	Biotransformation of oleanolic and maslinic methyl esters by <i>Rhizomucor miehei</i> CECT 2749. <i>Phytochemistry</i> , 2015, 117, 500-508.	2.9	16
42	Seven-Membered Cyclic Sulfite Eudesmane Derivatives: Partial Synthesis, Structural Determination, and Enzymatic Resolution. <i>Journal of Organic Chemistry</i> , 2007, 72, 643-646.	3.2	15
43	Synthesis and Biological Activity of Triterpene-Coumarin Conjugates. <i>Journal of Natural Products</i> , 2021, 84, 1587-1597.	3.0	15
44	Identification in Rat Plasma and Urine by Linear Trap Quadrupole-Orbitrap Mass Spectrometry of the Metabolites of Maslinic Acid, a Triterpene from Olives. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 1126-1132.	5.2	14
45	Synthesis and Antioxidant Activity of Hydroxytyrosol Alkyl-Carbonate Derivatives. <i>Journal of Natural Products</i> , 2016, 79, 1737-1745.	3.0	14
46	Quantitative NMR analysis of Dopa in seeds from two varieties of <i>Mucuna pruriens</i> . <i>Phytochemical Analysis</i> , 2019, 30, 89-94.	2.4	14
47	Chemical-Microbiological Synthesis of Cryptomeridiol Derivatives by <i>Gliocladium roseum</i> : Semisynthesis of 11-Hydroxyeudesmanolides. <i>Journal of Natural Products</i> , 2002, 65, 1011-1015.	3.0	13
48	3-b-Hydroxyolean-12-en-28-oic Acid (Oleanolic Acid). <i>Molecules</i> , 1998, 3, M87.	3.8	12
49	Bioactive Compounds with Added Value Prepared from Terpenes Contained in Solid Wastes from the Olive Oil Industry. <i>Chemistry and Biodiversity</i> , 2010, 7, 421-439.	2.1	12
50	Antimicrobial activity of natural and semisynthetic diterpenoids from <i>Sideritis</i> spp. <i>Microbios</i> , 1994, 77, 7-13.	0.3	12
51	Partial synthesis of 6 β -eudesmanolides and 6 β -guaianolides from 6 α -eudesmanolides: Synthesis of analogues of artepaulin, colartin and tannunolide D. <i>Tetrahedron</i> , 1994, 50, 2917-2928.	1.9	11
52	Microbial Transformations of 6 α - and 6 β -Eudesmanolides by <i>Rhizopus nigricans</i> Cultures. <i>Journal of Natural Products</i> , 1995, 58, 1498-1507.	3.0	11
53	Degradation of triterpenic compounds from olive-pressing residues. Synthesis of trans-decalin type chiral synthons. <i>Tetrahedron Letters</i> , 2003, 44, 6673-6677.	1.4	11
54	Identification of gut-derived metabolites of maslinic acid, a bioactive compound from <i>Olea europaea</i> L. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 2053-2064.	3.3	11

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55	Synthesis of enantio-manoyl oxides: Modifiers of the activity of adenylatecyclase enzyme. <i>Phytochemistry</i> , 1995, 38, 287-293.	2.9	10
56	Chemical Semisynthesis and Biotransformation with <i>Rhizopus nigricans</i> of Several Sesquiterpenes: Obtention of New 1 \pm - and 2 \pm -Hydroxyselinane Derivatives. <i>Tetrahedron</i> , 2000, 56, 6517-6526.	1.9	10
57	Conductance and application of organic molecule pairs as nanofuses. <i>Physical Review B</i> , 2011, 83, .	3.2	10
58	Atmospheric water triggers supramolecular gel formation of novel low molecular weight maslinic and oleanolic triterpenic derivatives. <i>Materials Chemistry Frontiers</i> , 2019, 3, 2637-2646.	5.9	10
59	Manoyl-Oxide Biotransformations with Filamentous Fungi. <i>Current Organic Chemistry</i> , 2007, 11, 679-692.	1.6	9
60	Biotransformation of Salpichrolides A, C, and G by Three Filamentous Fungi. <i>Journal of Natural Products</i> , 2016, 79, 1658-1667.	3.0	8
61	Partial synthesis of 6 $\hat{1}$ ² -sesquiterpenolides from 6 $\hat{1}$ \pm -sesquiterpenolides. <i>Tetrahedron Letters</i> , 1992, 33, 3935-3938.	1.4	7
62	Semi-Synthesis of Triterpene A-ring Derivatives from Oleanolic and Maslinic Acids. Theoretical and experimental ¹³ C chemical shifts. <i>Journal of Chemical Research</i> , 2000, 2000, 56-57.	1.3	7
63	ent-Kauranoid derivatives from <i>Sideritis moorei</i> . <i>Phytochemistry</i> , 2005, 66, 1492-1498.	2.9	7
64	Reactivity of Chiral Sesquiterpene Synthons Obtained by the Degradation of Maslinic Acid from Oliveâ€Pressing Residues. <i>Synthetic Communications</i> , 2006, 36, 3001-3018.	2.1	7
65	Different pathways for the deoxygenation of the A-ring of natural triterpene compounds. <i>Natural Product Research</i> , 2010, 24, 177-196.	1.8	7
66	Efficient In Vitro and In Vivo Anti-Inflammatory Activity of a Diamine-PEGylated Oleanolic Acid Derivative. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8158.	4.1	7
67	Rearrangement processes in the bicyclo[3.2.1]heptane moiety of 12,17-bifunctionalized ent-beyer-15-enes. <i>Tetrahedron</i> , 1991, 47, 9103-9118.	1.9	6
68	Opening of Ring C in Ruthenium-Catalyzed Rearrangements of 15,16-Epoxybeyerane Diterpenes Hydroxylated at C-12. <i>Journal of Organic Chemistry</i> , 1995, 60, 2170-2173.	3.2	6
69	Energetics of albumin-disuccinylmaslinic acid binding determined by fluorescence spectroscopy. <i>Fluid Phase Equilibria</i> , 2015, 400, 43-52.	2.5	6
70	Semisynthesis of β -Hydroxyalkylcarbonate Derivatives of Hydroxytyrosol as Antitrypanosome Agents. <i>Journal of Natural Products</i> , 2018, 81, 2075-2082.	3.0	6
71	Maslinic acid conjugate with 7-amino-4-methylcoumarin as probe to monitor the temperature dependent conformational changes of human serum albumin by FRET. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 214, 161-169.	3.9	6
72	Atisideritol, a new ent-atis-13-ene from a <i>sideritis pusilla</i> (Lag) Pau ssp. <i>Tetrahedron Letters</i> , 1980, 21, 3611-3612.	1.4	5

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73	Rearrangements of 14-mesyloxy-ent-beyer-15-enes. Tetrahedron, 1994, 50, 10761-10770.	1.9	5
74	Ruthenium-Catalyzed Rearrangement of ent-14-(Benzoyloxy)-15,16-epoxybeyerane Diterpenes. Journal of Natural Products, 1996, 59, 124-130.	3.0	5
75	Semi-synthesis of taraxerane triterpenoids from oleanolic acid. Tetrahedron, 2015, 71, 792-800.	1.9	5
76	Biotransformation of ent-beyerenones by Rhizopus nigricans and Curvularia lunata cultures. Phytochemistry, 1994, 36, 657-663.	2.9	4
77	Biotransformation of ent-Atisenes and ent-Beyerenes by Rhizopus nigricans and Fusarium moniliforme Cultures. Journal of Natural Products, 1997, 60, 86-92.	3.0	4
78	Semi-synthesis of triterpene A-ring derivatives from oleanolic and maslinic acids. Part II. Theoretical and experimental ¹³ C chemical shifts. Journal of Chemical Research, 2000, 2000, 211-212.	1.3	3
79	Novel Opening of 15,16-Epoxybeyerane Diterpenes in Ruthenium-Catalyzed Rearrangement Processes. Formation of Antheridiogen-like Rings. Journal of Organic Chemistry, 1995, 60, 7552-7557.	3.2	2
80	Biotransformations of Sesquiterpenoids by Rhizopus Species. Current Organic Chemistry, 2009, 13, 1182-1193.	1.6	2
81	Computational Study of a Nanofuse Based on Organic Molecules. , 2009, , .		0
82	Maslinic Acid Nanoparticles: A Drug to Carry Others. Materials Proceedings, 2021, 4, 6.	0.2	0