

JesÃ³s F Arteaga

List of Publications by Year in descending order

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62
papers

1,623
citations

218592

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h-index

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docs citations

77
times ranked

1931
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of the Simple Cyclic Voltammetry (CV) and DPPH Assays for the Determination of Antioxidant Capacity of Active Principles. <i>Molecules</i> , 2012, 17, 5126-5138.	1.7	141
2	Titanocene-Mediated Radical Cyclization: An Emergent Method Towards the Synthesis of Natural Products. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 1627-1641.	1.2	131
3	Weakening C=O Bonds: Ti(III), a New Reagent for Alcohol Deoxygenation and Carbonyl Coupling Olefination. <i>Journal of the American Chemical Society</i> , 2010, 132, 254-259.	6.6	127
4	Couplings of Benzylic Halides Mediated by Titanocene Chloride: Synthesis of Bibenzyl Derivatives. <i>Journal of Organic Chemistry</i> , 2007, 72, 2251-2254.	1.7	69
5	Reductive Coupling of Terpenic Allylic Halides Catalyzed by Cp ₂ TiCl: A Short and Efficient Asymmetric Synthesis of Onocerane Triterpenes. <i>Organic Letters</i> , 2005, 7, 2301-2304.	2.4	55
6	Gel-Like Dispersions of HMDI-Cross-Linked Lignocellulosic Materials in Castor Oil: Toward Completely Renewable Lubricating Grease Formulations. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 2130-2141.	3.2	51
7	Mild Ti(III)- and Mn/Zr(IV)-Catalytic Reductive Coupling of Allylic Halides: Efficient Synthesis of Symmetric Terpenes. <i>Journal of Organic Chemistry</i> , 2007, 72, 2988-2995.	1.7	49
8	Rheology and thermal degradation of isocyanate-functionalized methyl cellulose-based oleogels. <i>Carbohydrate Polymers</i> , 2013, 98, 152-160.	5.1	46
9	Chemical Composition of the Essential Oils of <i>Pistacia atlantica</i> Desf.. <i>Journal of Essential Oil Research</i> , 2005, 17, 52-54.	1.3	44
10	Thickening properties of several NCO-functionalized cellulose derivatives in castor oil. <i>Chemical Engineering Science</i> , 2015, 134, 260-268.	1.9	44
11	Unusually cyclized triterpenes: occurrence, biosynthesis and chemical synthesis. <i>Natural Product Reports</i> , 2009, 26, 115-134.	5.2	40
12	A Simple Assay for Quality Binders to Cucurbiturils. <i>Chemistry - A European Journal</i> , 2014, 20, 9897-9901.	1.7	39
13	Solid-Phase Selenium-Catalyzed Selective Allylic Chlorination of Polyprenoids: Facile Syntheses of Biologically Active Terpenoids. <i>Journal of Organic Chemistry</i> , 2006, 71, 5811-5814.	1.7	36
14	Isocyanate-Functionalized Chitin and Chitosan as Gelling Agents of Castor Oil. <i>Molecules</i> , 2013, 18, 6532-6549.	1.7	34
15	First Total Synthesis of (±)-Achilleol B: Reassignment of Its Relative Stereochemistry. <i>Organic Letters</i> , 2008, 10, 1723-1726.	2.4	32
16	Enantioselective Total Synthesis of the Potent Anti-inflammatory (+)-Myrrhanol A. <i>Journal of Organic Chemistry</i> , 2009, 74, 6151-6156.	1.7	32
17	Abietane diterpenes from the cones of. <i>Phytochemistry</i> , 2005, 66, 105-111.	1.4	31
18	Naupliolide, a sesquiterpene lactone with a novel tetracyclic skeleton from <i>Nauplius graveolens</i> subsp. <i>odorus</i> . <i>Tetrahedron Letters</i> , 2006, 47, 6719-6721.	0.7	31

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19	Chemical modification of methyl cellulose with HMDI to modulate the thickening properties in castor oil. <i>Cellulose</i> , 2013, 20, 495-507.	2.4	31
20	Photocaged Competitor Guests: A General Approach Toward Light-Activated Cargo Release From Cucurbiturils. <i>Chemistry - A European Journal</i> , 2017, 23, 13105-13111.	1.7	31
21	Binding of Flavylium Ions to Sulfonatocalix[4]arene and Implication in the Photorelease of Biologically Relevant Guests in Water. <i>Journal of Organic Chemistry</i> , 2019, 84, 10852-10859.	1.7	30
22	Communic Acids: Occurrence, Properties and Use as Chirons for the Synthesis of Bioactive Compounds. <i>Molecules</i> , 2012, 17, 1448-1467.	1.7	29
23	Phytotoxic and Nematicidal Components of <i>Lavandula luisieri</i> . <i>Journal of Natural Products</i> , 2016, 79, 261-266.	1.5	28
24	Electronic and Functional Scope of Boronic Acid Derived Salicylidenehydrazone (BASHY) Complexes as Fluorescent Dyes. <i>Journal of Organic Chemistry</i> , 2017, 82, 7151-7158.	1.7	28
25	Determination of Antioxidant Activity of Spices and Their Active Principles by Differential Pulse Voltammetry. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 582-589.	2.4	27
26	Regio- and Diastereoselective Reductive Coupling of Vinylepoxides Catalyzed by Titanocene Chloride. <i>Organic Letters</i> , 2006, 8, 669-672.	2.4	26
27	Homocoupling versus reduction of radicals: an experimental and theoretical study of Ti(III)-mediated deoxygenation of activated alcohols. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 3462-3469.	1.5	26
28	Synthesis of five- to seven-membered polyfunctional terpenic carbocycles via Ti(III)-catalyzed radical cyclizations of epoxy polyenes. <i>Tetrahedron</i> , 2006, 62, 5215-5222.	1.0	25
29	Total Synthesis of (+)- <i>seco</i> -C-Oleanane via Stepwise Controlled Radical Cascade Cyclization. <i>Journal of Organic Chemistry</i> , 2012, 77, 341-350.	1.7	25
30	Influence of Functionalization Degree on the Rheological Properties of Isocyanate-Functionalized Chitin- and Chitosan-Based Chemical Oleogels for Lubricant Applications. <i>Polymers</i> , 2014, 6, 1929-1947.	2.0	24
31	New Pathways in Transannular Cyclization of Germacrone [Germacra-1(10),4,7(11)-trien-8-one]: Evidence Regarding a Concerted Mechanism. <i>Organic Letters</i> , 2009, 11, 4782-4785.	2.4	23
32	Toward UV-Triggered Curing of Solvent-Free Polyurethane Adhesives Based on Castor Oil. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 11032-11040.	3.2	22
33	First total synthesis of (+)-apotrissporin E and (+)-apotrietriols: a cyclization approach to apocarotenoids. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5404.	1.5	16
34	Tandem addition-cyclization mediated by sulfanyl radicals: a versatile strategy for iridoids synthesis. <i>Tetrahedron</i> , 2008, 64, 5111-5118.	1.0	15
35	Terpenes and polyacetylenes from cultivated <i>Artemisia granatensis</i> boiss (Royal chamomile) and their defensive properties. <i>Phytochemistry</i> , 2013, 94, 192-197.	1.4	15
36	Analysis of the Interaction of Radical Scavengers with ROS Electrogenerated from Hydrogen Peroxide. <i>Journal of the Electrochemical Society</i> , 2013, 160, H213-H218.	1.3	15

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37	Impact of natural sources-derived antioxidants on the oxidative stability and rheological properties of castor oil based-lubricating greases. <i>Industrial Crops and Products</i> , 2016, 87, 297-303.	2.5	14
38	Determination of ent-kaurene in subcutaneous fat of Iberian pigs by gas chromatography multi-stage mass spectrometry with the aim to differentiate between intensive and extensive fattening systems. <i>Analytica Chimica Acta</i> , 2008, 624, 107-112.	2.6	13
39	Sulfanyl Radical-Induced Cyclization of Linalyl Acetate to the Iridane Skeleton: A Short Synthesis of (±)-Dehydroiridomyrmecin. <i>Synlett</i> , 2005, 2005, 591-594.	1.0	12
40	Transannular Cyclization of Epoxycaryophyllenes Catalyzed by Tilli: An Efficient Synthesis of Tricyclo[6.3.0.0 _{2,5}]undecanes. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3434-3441.	1.2	12
41	Design of lubricating grease formulations using recycled polypropylene from postconsumer films as thickener agent. <i>Journal of Applied Polymer Science</i> , 2013, 127, 1369-1376.	1.3	11
42	Mechanism of Mercury Electrooxidation in the Presence of Hydrogen Peroxide and Antioxidants. <i>Journal of the Electrochemical Society</i> , 2014, 161, H854-H859.	1.3	10
43	Control of the Regio- and Diastereoselectivity for the Preparation of Highly Functionalized Terpenic Cyclopentanes through Radical Cyclization. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5002-5011.	1.2	9
44	Cyanine-Like Boronic Acid-Derived Salicylidenehydrazone Complexes (Cy-BASHY) for Bioimaging Applications. <i>Chemistry - A European Journal</i> , 2020, 26, 14064-14069.	1.7	9
45	Antioxidant Activity of Diterpenes and Polyphenols from <i>Ophryosporus heptanthus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 2537-2542.	2.4	7
46	Ti-Mediated Efficient Reductive Dehalogenation of Carbon-Halogen Bonds. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 991-1001.	1.3	7
47	Five-Component Self-Assembly of Cucurbituril-Based Heteropseudorotaxanes. <i>ChemistryOpen</i> , 2017, 6, 288-294.	0.9	7
48	Terpenes Show Nanomolar Affinity and Selective Binding with Cucurbit[8]uril. <i>Israel Journal of Chemistry</i> , 2018, 58, 487-492.	1.0	7
49	Visible Light-Gated Organocatalysis Using a Ru II Photocage. <i>Chemistry - A European Journal</i> , 2020, 26, 14229-14235.	1.7	5
50	Cultivars of <i>Lavandula Lanata</i> Boiss., a Good Source of Lavandulol. <i>Natural Product Communications</i> , 2008, 3, 1934578X0800300.	0.2	4
51	Easy Access to a Cyclic Key Intermediate for the Synthesis of Trisporic Acids and Related Compounds. <i>Molecules</i> , 2014, 19, 1748-1762.	1.7	4
52	The BASHY Platform Enables the Assembly of a Fluorescent Bortezomib-GV1001 Conjugate. <i>ACS Medicinal Chemistry Letters</i> , 2022, 13, 128-133.	1.3	4
53	A Minor Dihydropyran Apocarotenoid from Mated Cultures of <i>Blakeslea trispora</i> . <i>Molecules</i> , 2012, 17, 12553-12559.	1.7	3
54	Implementation of a cooperative methodology to develop organic chemical engineering skills. <i>European Journal of Engineering Education</i> , 2013, 38, 370-384.	1.5	3

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55	Evaluation of synergistic and antagonistic effects between some selected antioxidants by means of an electrochemical technique. <i>International Journal of Food Science and Technology</i> , 2017, 52, 1639-1644.	1.3	3
56	Occurrence and Chemical Synthesis of Apocarotenoids from Mucorales: A Review. <i>Natural Product Communications</i> , 2017, 12, 1934578X1701200.	0.2	3
57	Control of Homocoupling Versus Reduction in Titanium(III)-Mediated Radical Opening of Styrene Oxides. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 7864-7869.	1.2	3
58	Diversity on Diterpene Composition in Two Populations of <i>Parentucellia viscosa</i> : Labdane and Clerodane Chemotypes. <i>Natural Product Communications</i> , 2007, 2, 1934578X0700200.	0.2	1
59	Expedient Access to A-Ring- β -Dioxygenated Terpenoids: The First Synthesis of (13E)-ent-Labda-8(17),13-diene-3 ² ,15,18-triol. <i>Synthesis</i> , 2010, 2010, 67-72.	1.2	1
60	Universal access to megastigmanes through controlled cyclisation towards highly substituted cyclohexenes. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 408-415.	1.5	1
61	Metal-Mediated Organocatalysis in Water: Serendipitous Discovery of Aldol Reaction Catalyzed by the [Ru(bpy) ₂ (nornicotine) ₂] ²⁺ Complex. <i>Journal of Organic Chemistry</i> , 2022, 87, 5412-5418.	1.7	1
62	Synthesis of Stilbene Derivatives: A Comparative Study of their Antioxidant Activities. <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.2	0