

JesÃ³s F Arteaga

List of Publications by Year in descending order

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62
papers

1,623
citations

218592

26
h-index

302012

39
g-index

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all docs

77
docs citations

77
times ranked

1931
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The BASHY Platform Enables the Assembly of a Fluorescent Bortezomibâ€“GV1001 Conjugate. ACS Medicinal Chemistry Letters, 2022, 13, 128-133. | 1.3 | 4 |
| 2 | Metal-Mediated Organocatalysis in Water: Serendipitous Discovery of Aldol Reaction Catalyzed by the [Ru(bpy) ₂ (nornicotine) ₂] ²⁺ Complex. Journal of Organic Chemistry, 2022, 87, 5412-5418. | 1.7 | 1 |
| 3 | Toward UV-Triggered Curing of Solvent-Free Polyurethane Adhesives Based on Castor Oil. ACS Sustainable Chemistry and Engineering, 2021, 9, 11032-11040. | 3.2 | 22 |
| 4 | Cyanineâ€“Like Boronic Acidâ€“Derived Salicylidenehydrazone Complexes (Cyâ€“BASHY) for Bioimaging Applications. Chemistry - A European Journal, 2020, 26, 14064-14069. | 1.7 | 9 |
| 5 | Visible Lightâ€“Gated Organocatalysis Using a Ru II â€“Photocage. Chemistry - A European Journal, 2020, 26, 14229-14235. | 1.7 | 5 |
| 6 | Binding of Flavylium Ions to Sulfonatocalix[4]arene and Implication in the Photorelease of Biologically Relevant Guests in Water. Journal of Organic Chemistry, 2019, 84, 10852-10859. | 1.7 | 30 |
| 7 | Control of Homocoupling Versus Reduction in Titanium(III)-Mediated Radical Opening of Styrene Oxides. European Journal of Organic Chemistry, 2019, 2019, 7864-7869. | 1.2 | 3 |
| 8 | Terpenes Show Nanomolar Affinity and Selective Binding with Cucurbit[8]uril. Israel Journal of Chemistry, 2018, 58, 487-492. | 1.0 | 7 |
| 9 | Evaluation of synergistic and antagonistic effects between some selected antioxidants by means of an electrochemical technique. International Journal of Food Science and Technology, 2017, 52, 1639-1644. | 1.3 | 3 |
| 10 | Fiveâ€“Component Selfâ€“Assembly of Cucurbiturilâ€“Based Heteroâ€“pseudorotaxanes. ChemistryOpen, 2017, 6, 288-294. | 0.9 | 7 |
| 11 | Universal access to megastigmanes through controlled cyclisation towards highly substituted cyclohexenes. Organic and Biomolecular Chemistry, 2017, 15, 408-415. | 1.5 | 1 |
| 12 | Photocaged Competitor Guests: A General Approach Toward Lightâ€“Activated Cargo Release From Cucurbiturils. Chemistry - A European Journal, 2017, 23, 13105-13111. | 1.7 | 31 |
| 13 | Electronic and Functional Scope of Boronic Acid Derived Salicylidenehydrazone (BASHY) Complexes as Fluorescent Dyes. Journal of Organic Chemistry, 2017, 82, 7151-7158. | 1.7 | 28 |
| 14 | Occurrence and Chemical Synthesis of Apocarotenoids from Mucorales: A Review. Natural Product Communications, 2017, 12, 1934578X1701200. | 0.2 | 3 |
| 15 | Tiâ€“Mediated Efficient Reductive Dehalogenation of Carbonâ€“Halogen Bonds. Asian Journal of Organic Chemistry, 2016, 5, 991-1001. | 1.3 | 7 |
| 16 | Impact of natural sources-derived antioxidants on the oxidative stability and rheological properties of castor oil based-lubricating greases. Industrial Crops and Products, 2016, 87, 297-303. | 2.5 | 14 |
| 17 | Phytotoxic and Nematicidal Components of <i>Lavandula luisieri</i> . Journal of Natural Products, 2016, 79, 261-266. | 1.5 | 28 |
| 18 | Synthesis of Stilbene Derivatives: A Comparative Study of their Antioxidant Activities. Natural Product Communications, 2015, 10, 1934578X1501000. | 0.2 | 0 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | Thickening properties of several NCO-functionalized cellulose derivatives in castor oil. <i>Chemical Engineering Science</i> , 2015, 134, 260-268. | 1.9 | 44 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | A Simple Assay for Quality Binders to Cucurbiturils. <i>Chemistry - A European Journal</i> , 2014, 20, 9897-9901. | 1.7 | 39 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | Rheology and thermal degradation of isocyanate-functionalized methyl cellulose-based oleogels. <i>Carbohydrate Polymers</i> , 2013, 98, 152-160. | 5.1 | 46 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | Isocyanate-Functionalized Chitin and Chitosan as Gelling Agents of Castor Oil. <i>Molecules</i> , 2013, 18, 6532-6549. | 1.7 | 34 |
| 35 | 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 |
| 36 | Communic Acids: Occurrence, Properties and Use as Chirons for the Synthesis of Bioactive Compounds. <i>Molecules</i> , 2012, 17, 1448-1467. | 1.7 | 29 |

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|----|---|-----|-----------|
| 37 | A Minor Dihydropyran Apocarotenoid from Mated Cultures of <i>Blakeslea trispora</i> . <i>Molecules</i> , 2012, 17, 12553-12559. | 1.7 | 3 |
| 38 | 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 |
| 39 | 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 |
| 40 | Expedient Access to A-Ring- δ^3 -Dioxygenated Terpenoids: The First Synthesis of (13E)-ent-Labda-8(17),13-diene-3 β ,15,18-triol. <i>Synthesis</i> , 2010, 2010, 67-72. | 1.2 | 1 |
| 41 | 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 |
| 42 | New Pathways in Transannular Cyclization of Germacrone [<i>Germacra-1(10),4,7(11)-trien-8-one</i>]: Evidence Regarding a Concerted Mechanism. <i>Organic Letters</i> , 2009, 11, 4782-4785. | 2.4 | 23 |
| 43 | Unusually cyclized triterpenes: occurrence, biosynthesis and chemical synthesis. <i>Natural Product Reports</i> , 2009, 26, 115-134. | 5.2 | 40 |
| 44 | Enantioselective Total Synthesis of the Potent Anti-inflammatory (+)-Myrrhanol A. <i>Journal of Organic Chemistry</i> , 2009, 74, 6151-6156. | 1.7 | 32 |
| 45 | 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 |
| 46 | Tandem addition-cyclization mediated by sulfanyl radicals: a versatile strategy for iridoids synthesis. <i>Tetrahedron</i> , 2008, 64, 5111-5118. | 1.0 | 15 |
| 47 | First Total Synthesis of (β)-Achilleol B: Reassignment of Its Relative Stereochemistry. <i>Organic Letters</i> , 2008, 10, 1723-1726. | 2.4 | 32 |
| 48 | Cultivars of <i>Lavandula Lanata</i> Boiss., a Good Source of Lavandulol. <i>Natural Product Communications</i> , 2008, 3, 1934578X0800300. | 0.2 | 4 |
| 49 | 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 |
| 50 | 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 |
| 51 | 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 |
| 52 | 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 |
| 53 | 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 |
| 54 | Regio- and Diastereoselective Reductive Coupling of Vinylepoxides Catalyzed by Titanocene Chloride. <i>Organic Letters</i> , 2006, 8, 669-672. | 2.4 | 26 |

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|----|---|-----|-----------|
| 55 | Synthesis of five- to seven-membered polyfunctional terpenic carbocycles via Ti(III)-catalyzed radical cyclizations of epoxydiprenes. <i>Tetrahedron</i> , 2006, 62, 5215-5222. | 1.0 | 25 |
| 56 | 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 |
| 57 | 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 |
| 58 | Transannular Cyclization of Epoxycaryophyllenes Catalyzed by Ti(III): 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 |
| 59 | Abietane diterpenes from the cones of. <i>Phytochemistry</i> , 2005, 66, 105-111. | 1.4 | 31 |
| 60 | 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 |
| 61 | 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 |
| 62 | 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 |