

GrÃ©gory Genta-Jouve

List of Publications by Year in descending order

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90
papers

1,865
citations

279701

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360920

35
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98
all docs

98
docs citations

98
times ranked

2764
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Bioactive Natural Products Prioritization Using Massive Multi-informational Molecular Networks. ACS Chemical Biology, 2017, 12, 2644-2651. | 1.6 | 112 |
| 2 | The value of universally available raw NMR data for transparency, reproducibility, and integrity in natural product research. Natural Product Reports, 2019, 36, 35-107. | 5.2 | 92 |
| 3 | Deep metabolome annotation in natural products research: towards a virtuous cycle in metabolite identification. Current Opinion in Chemical Biology, 2017, 36, 40-49. | 2.8 | 91 |
| 4 | Advances in decomposing complex metabolite mixtures using substructure- and network-based computational metabolomics approaches. Natural Product Reports, 2021, 38, 1967-1993. | 5.2 | 78 |
| 5 | Parazoanthines Aâ€”E, Hydantoin Alkaloids from the Mediterranean Sea Anemone <i>Parazoanthus axinellae</i> . Journal of Natural Products, 2009, 72, 1612-1615. | 1.5 | 66 |
| 6 | Gambierone, a Ladder-Shaped Polyether from the Dinoflagellate <i>Gambierdiscus belizeanus</i> . Organic Letters, 2015, 17, 2392-2395. | 2.4 | 60 |
| 7 | Additional bioactive guanidine alkaloids from the Mediterranean sponge <i>Crambe crambe</i> . RSC Advances, 2012, 2, 2828. | 1.7 | 47 |
| 8 | Allelopathic interactions between the brown algal genus <i>Lobophora</i> (Dictyotales, Phaeophyceae) and scleractinian corals. Scientific Reports, 2016, 6, 18637. | 1.6 | 47 |
| 9 | Mahorones, Highly Brominated Cyclopentenones from the Red Alga <i>Asparagopsis taxiformis</i> . Journal of Natural Products, 2014, 77, 1150-1155. | 1.5 | 40 |
| 10 | Packaging and Delivery of Chemical Weapons: A Defensive Trojan Horse Stratagem in Chromodorid Nudibranchs. PLoS ONE, 2013, 8, e62075. | 1.1 | 37 |
| 11 | New Insight into Marine Alkaloid Metabolic Pathways: Revisiting Oroidin Biosynthesis. ChemBioChem, 2011, 12, 2298-2301. | 1.3 | 35 |
| 12 | MetWork: a web server for natural products anticipation. Bioinformatics, 2019, 35, 1795-1796. | 1.8 | 35 |
| 13 | Synthesis of a Tiacumicin B Protected Aglycone. Organic Letters, 2017, 19, 4006-4009. | 2.4 | 33 |
| 14 | Targeted Isolation of Monoterpene Indole Alkaloids from <i>Palicourea sessilis</i> . Journal of Natural Products, 2017, 80, 3032-3037. | 1.5 | 31 |
| 15 | Metabolomic profiling reveals deep chemical divergence between two morphotypes of the zoanthid <i>Parazoanthus axinellae</i> . Scientific Reports, 2015, 5, 8282. | 1.6 | 29 |
| 16 | Sanctis Aâ€”C: Three Racemic Procyanidin Analogues from The Lichen <i>Parmotrema sanctiâ€”angelii</i> . European Journal of Organic Chemistry, 2018, 2018, 2247-2253. | 1.2 | 29 |
| 17 | CANPA: Computer-Assisted Natural Products Anticipation. Analytical Chemistry, 2019, 91, 11247-11252. | 3.2 | 29 |
| 18 | Cystophloroketals Aâ€”E, Unusual Phloroglucinolâ€”Meroterpenoid Hybrids from the Brown Alga <i>Cystoseira tamariscifolia</i> . Journal of Natural Products, 2015, 78, 1663-1670. | 1.5 | 27 |

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|----|--|-----|-----------|
| 19 | Antimicrobial Oligophenalenone Dimers from the Soil Fungus <i>Talaromyces stipitatus</i> . Journal of Natural Products, 2016, 79, 2991-2996. | 1.5 | 27 |
| 20 | Anti-inflammatory and antiproliferative diterpenoids from <i>Plectranthus scutellarioides</i> . Phytochemistry, 2018, 154, 39-46. | 1.4 | 27 |
| 21 | Further terpenoids from <i>Euphorbia tirucalli</i> . <i>Fä-toterapÄ-Äç</i> , 2019, 135, 44-51. | 1.1 | 27 |
| 22 | Tsavoenones Aâ€C: unprecedented polyketides with a 1,7-dioxadispiro[4.0.4.4]tetradecane core from the lichen <i>Parmotrema tsavoense</i> . Organic and Biomolecular Chemistry, 2018, 16, 5913-5919. | 1.5 | 26 |
| 23 | Rapid Identification of Antioxidant Compounds of <i>Genista saharae</i> Coss. & Dur. by Combination of DPPH Scavenging Assay and HPTLC-MS. Molecules, 2014, 19, 4369-4379. | 1.7 | 25 |
| 24 | Metabolome Consistency: Additional Parazoanthines from the Mediterranean Zoanthid Parazoanthus <i>Axinellae</i> . Metabolites, 2014, 4, 421-432. | 1.3 | 24 |
| 25 | Acanthifoliosides, minor steroidal saponins from the Caribbean sponge <i>Pandaros acanthifolium</i> . Tetrahedron, 2011, 67, 1011-1018. | 1.0 | 23 |
| 26 | Comparative bioaccumulation kinetics of trace elements in Mediterranean marine sponges. Chemosphere, 2012, 89, 340-349. | 4.2 | 23 |
| 27 | Griseofamines A and B: Two Indole-Tetramic Acid Alkaloids with 6/5/6/5 and 6/5/7/5 Ring Systems from <i>Penicillium griseofulvum</i> . Organic Letters, 2018, 20, 2046-2050. | 2.4 | 23 |
| 28 | Total Synthesis of Tiacumicinâ€B: Implementing Hydrogen Bond Directed Acceptor Delivery for Highly Selective Î²â€Glycosylations. Angewandte Chemie - International Edition, 2020, 59, 6612-6616. | 7.2 | 22 |
| 29 | Steroidal glycosides from the marine sponge <i>Pandaros acanthifolium</i> . Steroids, 2009, 74, 746-750. | 0.8 | 20 |
| 30 | A Reactive Eremophilane and Its Antibacterial 2(1 <i>H</i>)-Naphthalenone Rearrangement Product, Witnesses of a Microbial Chemical Warfare. Organic Letters, 2017, 19, 4038-4041. | 2.4 | 20 |
| 31 | Study of the Construction of the Tiacumicin B Aglycone. Journal of Organic Chemistry, 2018, 83, 921-929. | 1.7 | 20 |
| 32 | Biosynthetic investigation of Î³-lactones in <i>Sextonia rubra</i> wood using in situ TOF-SIMS MS/MS imaging to localize and characterize biosynthetic intermediates. Scientific Reports, 2019, 9, 1928. | 1.6 | 20 |
| 33 | Terrazoanthines, 2-Aminoimidazole Alkaloids from the Tropical Eastern Pacific Zoantharian <i>Terrazoanthus onoi</i> . Organic Letters, 2017, 19, 1558-1561. | 2.4 | 19 |
| 34 | Antiplasmodial Securinega alkaloids from <i>Phyllanthus fraternus</i> : Discovery of natural (+)-allonorsecurinine. Tetrahedron Letters, 2017, 58, 3754-3756. | 0.7 | 19 |
| 35 | Bioactive Diketopiperazines and Nucleoside Derivatives from a Sponge-Derived <i>Streptomyces</i> Species. Marine Drugs, 2019, 17, 584. | 2.2 | 19 |
| 36 | MUSCLE: automated multi-objective evolutionary optimization of targeted LC-MS/MS analysis. Bioinformatics, 2015, 31, 975-977. | 1.8 | 17 |

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|----|--|-----|-----------|
| 37 | Gersemiols A and Eunicellol A, Diterpenoids from the Arctic Soft Coral <i>Gersemia fruticosa</i> . <i>Journal of Natural Products</i> , 2016, 79, 1132-1136. | 1.5 | 17 |
| 38 | Pleioikomenines A and B: Dimeric Aspidofractinine Alkaloids Tethered with a Methylene Group. <i>Organic Letters</i> , 2017, 19, 6180-6183. | 2.4 | 17 |
| 39 | Marine natural products from zoantharians: bioactivity, biosynthesis, systematics, and ecological roles. <i>Natural Product Reports</i> , 2020, 37, 515-540. | 5.2 | 17 |
| 40 | Revising the Absolute Configurations of Coatlines via Density Functional Theory Calculations of Electronic Circular Dichroism Spectra. <i>Chirality</i> , 2013, 25, 180-184. | 1.3 | 16 |
| 41 | Cymoside, a monoterpene indole alkaloid with a hexacyclic fused skeleton from <i>Chimarrhis cymosa</i> . <i>Tetrahedron Letters</i> , 2015, 56, 5377-5380. | 0.7 | 16 |
| 42 | Palladium Nanoparticle-Catalyzed Stereoretentive Cross-Coupling of Alkenyl Sulfides with Grignard Reagents. <i>Organic Letters</i> , 2018, 20, 1430-1434. | 2.4 | 16 |
| 43 | Stereoselective Access to (E)-1,3-Enynes through Pd/Cu-Catalyzed Alkyne Hydrocarbation of Allenes. <i>Organic Letters</i> , 2019, 21, 3136-3141. | 2.4 | 16 |
| 44 | Lipid Annotation by Combination of UHPLC-HRMS (MS), Molecular Networking, and Retention Time Prediction: Application to a Lipidomic Study of In Vitro Models of Dry Eye Disease. <i>Metabolites</i> , 2020, 10, 225. | 1.3 | 16 |
| 45 | Njaoaminiums A, B, and C: Cyclic 3-Alkylpyridinium Salts from the Marine Sponge <i>Reniera</i> sp.. <i>Molecules</i> , 2009, 14, 4716-4724. | 1.7 | 15 |
| 46 | Environmental solutions for the sustainable production of bioactive natural products from the marine sponge <i>Crambe crambe</i> . <i>Science of the Total Environment</i> , 2014, 475, 71-82. | 3.9 | 15 |
| 47 | Stereochemical Study of Punaic Acid, an Allenic Fatty Acid from the Eastern Indo-Pacific Cyanobacterium <i>Pseudanabaena</i> sp. <i>Organic Letters</i> , 2018, 20, 2311-2314. | 2.4 | 15 |
| 48 | Sponge Chemical Diversity. <i>Advances in Marine Biology</i> , 2012, 62, 183-230. | 0.7 | 14 |
| 49 | Talaroketals A and B, unusual bis(oxaphenalenone) spiro and fused ketals from the soil fungus <i>Talaromyces stipitatus</i> ATCC 10500. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2691-2697. | 1.5 | 14 |
| 50 | Futunamine, a Pyrrole-Imidazole Alkaloid from the Sponge <i>Stylissa</i> aff. <i>carteri</i> Collected off the Futuna Islands. <i>Journal of Natural Products</i> , 2020, 83, 2299-2304. | 1.5 | 14 |
| 51 | Structure elucidation of the new citharoxazole from the Mediterranean deep-sea sponge <i>Latrunculia</i> (Biannulata) <i>citharistae</i> . <i>Magnetic Resonance in Chemistry</i> , 2011, 49, 533-536. | 1.1 | 13 |
| 52 | Comparative LC-MS-based metabolite profiling of the ancient tropical rainforest tree <i>Symphonia globulifera</i> . <i>Phytochemistry</i> , 2014, 108, 102-108. | 1.4 | 13 |
| 53 | Three new trixane glycosides obtained from the leaves of <i>Jungia sellowii</i> Less. using centrifugal partition chromatography. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 674-683. | 1.3 | 13 |
| 54 | Treasures from the Deep: Characellides as Anti-Inflammatory Lipoglycotriptides from the Sponge <i>Characella pachastrelloides</i> . <i>Organic Letters</i> , 2019, 21, 246-251. | 2.4 | 12 |

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|----|--|-----|-----------|
| 55 | Taste and Smell: A Unifying Chemosensory Theory. Quarterly Review of Biology, 2022, 97, 69-94. | 0.0 | 12 |
| 56 | Resolving the (1 <i>R</i>) Absolute Configuration of Lanciferine, a Monoterpene Indole Alkaloid from <i>Alstonia bouliandensis</i> . Journal of Natural Products, 2018, 81, 1075-1078. | 1.5 | 11 |
| 57 | A Ring-Distortion Strategy from Marine Natural Product Ilimaquinone Leads to Quorum Sensing Modulators. European Journal of Organic Chemistry, 2018, 2018, 2486-2497. | 1.2 | 11 |
| 58 | Insights into the Biosynthesis of Cyclic Guanidine Alkaloids from Crambeidae Marine Sponges. Angewandte Chemie - International Edition, 2019, 58, 520-525. | 7.2 | 11 |
| 59 | Eumitrins C-E: Structurally diverse xanthone dimers from the vietnamese lichen <i>Usnea baileyi</i> . F&T, 2020, 141, 104449. | 1.1 | 11 |
| 60 | Unexpected talaroenamine derivatives and an undescribed polyester from the fungus <i>Talaromyces stipitatus</i> ATCC10500. Phytochemistry, 2015, 119, 70-75. | 1.4 | 10 |
| 61 | Halogenated Tyrosine Derivatives from the Tropical Eastern Pacific Zoantharians <i>Antipathozoanthus hickmani</i> and <i>Parazoanthus darwini</i> . Journal of Natural Products, 2019, 82, 1354-1360. | 1.5 | 10 |
| 62 | Atypical Spirotetronate Polyketides Identified in the Underexplored Genus <i>Streptacidiphilus</i> . Journal of Organic Chemistry, 2020, 85, 10648-10657. | 1.7 | 10 |
| 63 | Novel β -Hydroxy β -Butenolides of Kelp Endophytes Disrupt Bacterial Cell-to-Cell Signaling. Frontiers in Marine Science, 2020, 7, . | 1.2 | 10 |
| 64 | Fusaripyridines A and B; Highly Oxygenated Antimicrobial Alkaloid Dimers Featuring an Unprecedented 1,4-Bis(2-hydroxy-1,2-dihydropyridin-2-yl)butane-2,3-dione Core from the Marine Fungus <i>Fusarium</i> sp. LY019. Marine Drugs, 2021, 19, 505. | 2.2 | 10 |
| 65 | Biosynthesis in marine sponges: the radiolabelling strikes back. Phytochemistry Reviews, 2013, 12, 425-434. | 3.1 | 9 |
| 66 | Autumnalamide, a Prenylated Cyclic Peptide from the Cyanobacterium <i>Phormidium autumnale</i> , Acts on SH-SY5Y Cells at the Mitochondrial Level. Journal of Natural Products, 2014, 77, 2196-2205. | 1.5 | 9 |
| 67 | Eryloside W, a triterpenoid saponin from the sponge <i>Dictyonella marsilii</i> . Phytochemistry Letters, 2015, 13, 252-255. | 0.6 | 9 |
| 68 | A Nitrile Glucoside and Biflavones from the Leaves of <i>Campylospermum excavatum</i> (Ochnaceae). Chemistry and Biodiversity, 2017, 14, e1700241. | 1.0 | 9 |
| 69 | Bromotryptamine and Bromotyramine Derivatives from the Tropical Southwestern Pacific Sponge <i>Narrabeena nigra</i> . Marine Drugs, 2019, 17, 319. | 2.2 | 9 |
| 70 | Two-dimensional ultra high pressure liquid chromatography quadrupole/time-of-flight mass spectrometry for semi-targeted natural compounds identification. Phytochemistry Letters, 2014, 10, 318-323. | 0.6 | 8 |
| 71 | Callyspongic Acids: Amphiphilic Diacids from the Tropical Eastern Pacific Sponge <i>Callyspongia</i> cf. <i>californica</i> . Journal of Natural Products, 2018, 81, 2301-2305. | 1.5 | 8 |
| 72 | Ecdysonelactones, Ecdysteroids from the Tropical Eastern Pacific Zoantharian <i>Antipathozoanthus hickmani</i> . Marine Drugs, 2018, 16, 58. | 2.2 | 8 |

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|----|---|-----|-----------|
| 73 | Development of a work-flow for high-performance thin-layer chromatography data processing for untargeted metabolomics. <i>Journal of Planar Chromatography - Modern TLC</i> , 2014, 27, 328-332. | 0.6 | 8 |
| 74 | MS/MS-Guided Isolation of Clarinoside, a New Anti-Inflammatory Pentalogin Derivative. <i>Molecules</i> , 2018, 23, 1237. | 1.7 | 7 |
| 75 | Mucrolactone, a Macrolactone from <i>Mucor</i> sp. SNB-VECD13A, a Fungus Isolated from the Cuticle of a Vespidae Species. <i>Organic Letters</i> , 2018, 20, 3780-3783. | 2.4 | 7 |
| 76 | Total Synthesis of Tiacumicin B: Implementing Hydrogen Bond Directed Acceptor Delivery for Highly Selective Glycosylations. <i>Angewandte Chemie</i> , 2020, 132, 6674-6678. | 1.6 | 7 |
| 77 | Determination of the absolute configuration and evaluation of the in vitro antitumor activity of dilospirane B. <i>Phytochemistry Letters</i> , 2012, 5, 747-751. | 0.6 | 6 |
| 78 | C25 steroids from the marine mussel-derived fungus <i>Penicillium ubiquestum</i> MMS330. <i>Phytochemistry Letters</i> , 2019, 34, 18-24. | 0.6 | 6 |
| 79 | Magnificines A and B, Antimicrobial Marine Alkaloids Featuring a Tetrahydrooxazo[3,2-a]azepine-2,5(3H,6H)-dione Backbone from the Red Sea Sponge <i>Negombata magnifica</i> . <i>Marine Drugs</i> , 2021, 19, 214. | 2.2 | 6 |
| 80 | Untargeted Metabolomics Approach for the Discovery of Environment-Related Pyran-2-Ones Chemodiversity in a Marine-Sourced <i>Penicillium restrictum</i> . <i>Marine Drugs</i> , 2021, 19, 378. | 2.2 | 6 |
| 81 | Identification of Antagonistic Compounds between the Palm Tree Xylariales Endophytic Fungi and the Phytopathogen <i>Fusarium oxysporum</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 10893-10906. | 2.4 | 6 |
| 82 | Absolute Configuration of the New 3-epi-cladocroic Acid from the Mediterranean Sponge <i>Haliclona fulva</i> . <i>Metabolites</i> , 2013, 3, 24-32. | 1.3 | 5 |
| 83 | A variable selection approach in the multivariate linear model: an application to LC-MS metabolomics data. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2018, 17, . | 0.2 | 5 |
| 84 | Asperopiperazines A and B: Antimicrobial and Cytotoxic Dipeptides from a Tunicate-Derived Fungus <i>Aspergillus</i> sp. DY001. <i>Marine Drugs</i> , 2022, 20, 451. | 2.2 | 5 |
| 85 | In Silico Anticipation of Metabolic Pathways Extended to Organic Chemistry Reactions: A Case Study with Caffeine Alkaline Hydrolysis and The Origin of Camellimidazoles. <i>Chemistry - A European Journal</i> , 2020, 26, 12936-12940. | 1.7 | 4 |
| 86 | Cytotoxic and Anti-Inflammatory Effects of Ent-Kaurane Derivatives Isolated from the Alpine Plant <i>Sideritis hyssopifolia</i> . <i>Molecules</i> , 2020, 25, 589. | 1.7 | 4 |
| 87 | Chiroptical study and absolute configuration of securinine oxidation products. <i>Natural Product Research</i> , 2015, 29, 1235-1242. | 1.0 | 3 |
| 88 | Structure Revision of Microginins 674 and 690 from the Cultured Cyanobacterium <i>Microcystis aeruginosa</i> . <i>Journal of Natural Products</i> , 2019, 82, 1040-1044. | 1.5 | 3 |
| 89 | Hygroline derivatives from <i>Schizanthus tricolor</i> and their anti-trypanosomatid and antiplasmodial activities. <i>Phytochemistry</i> , 2021, 192, 112957. | 1.4 | 3 |
| 90 | Insights into the Biosynthesis of Cyclic Guanidine Alkaloids from Crambeidae Marine Sponges. <i>Angewandte Chemie</i> , 2019, 131, 530-535. | 1.6 | 0 |