

# GrÃ©gory Genta-Jouve

## List of Publications by Year in descending order

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90  
papers

1,865  
citations

279798

23  
h-index

345221

36  
g-index

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.	3.4	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.	10.3	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.	6.1	91
4	Advances in decomposing complex metabolite mixtures using substructure- and network-based computational metabolomics approaches. Natural Product Reports, 2021, 38, 1967-1993.	10.3	78
5	Parazoanthines Aâ€”E, Hydantoin Alkaloids from the Mediterranean Sea Anemone <i>Parazoanthus axinellae</i> . Journal of Natural Products, 2009, 72, 1612-1615.	3.0	66
6	Gambierone, a Ladder-Shaped Polyether from the Dinoflagellate <i>Gambierdiscus belizeanus</i> . Organic Letters, 2015, 17, 2392-2395.	4.6	60
7	Additional bioactive guanidine alkaloids from the Mediterranean sponge <i>Crambe crambe</i> . RSC Advances, 2012, 2, 2828.	3.6	47
8	Allelopathic interactions between the brown algal genus <i>Lobophora</i> (Dictyotales, Phaeophyceae) and scleractinian corals. Scientific Reports, 2016, 6, 18637.	3.3	47
9	Mahorones, Highly Brominated Cyclopentenones from the Red Alga <i>Asparagopsis taxiformis</i> . Journal of Natural Products, 2014, 77, 1150-1155.	3.0	40
10	Packaging and Delivery of Chemical Weapons: A Defensive Trojan Horse Stratagem in Chromodorid Nudibranchs. PLoS ONE, 2013, 8, e62075.	2.5	37
11	New Insight into Marine Alkaloid Metabolic Pathways: Revisiting Oroidin Biosynthesis. ChemBioChem, 2011, 12, 2298-2301.	2.6	35
12	MetWork: a web server for natural products anticipation. Bioinformatics, 2019, 35, 1795-1796.	4.1	35
13	Synthesis of a Tiacumicin B Protected Aglycone. Organic Letters, 2017, 19, 4006-4009.	4.6	33
14	Targeted Isolation of Monoterpene Indole Alkaloids from <i>Palicourea sessilis</i> . Journal of Natural Products, 2017, 80, 3032-3037.	3.0	31
15	Metabolomic profiling reveals deep chemical divergence between two morphotypes of the zoanthid <i>Parazoanthus axinellae</i> . Scientific Reports, 2015, 5, 8282.	3.3	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.	2.4	29
17	CANPA: Computer-Assisted Natural Products Anticipation. Analytical Chemistry, 2019, 91, 11247-11252.	6.5	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.	3.0	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.	3.0	27
20	Anti-inflammatory and antiproliferative diterpenoids from <i>Plectranthus scutellarioides</i> . Phytochemistry, 2018, 154, 39-46.	2.9	27
21	Further terpenoids from <i>Euphorbia tirucalli</i> . <i>Fä-toterapÄ-Äç</i> , 2019, 135, 44-51.	2.2	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.	2.8	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.	3.8	25
24	Metabolome Consistency: Additional Parazoanthines from the Mediterranean Zoanthid Parazoanthus <i>Axinellae</i> . Metabolites, 2014, 4, 421-432.	2.9	24
25	Acanthifoliosides, minor steroidal saponins from the Caribbean sponge <i>Pandaros acanthifolium</i> . Tetrahedron, 2011, 67, 1011-1018.	1.9	23
26	Comparative bioaccumulation kinetics of trace elements in Mediterranean marine sponges. Chemosphere, 2012, 89, 340-349.	8.2	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.	4.6	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.	13.8	22
29	Steroidal glycosides from the marine sponge <i>Pandaros acanthifolium</i> . Steroids, 2009, 74, 746-750.	1.8	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.	4.6	20
31	Study of the Construction of the Tiacumicin B Aglycone. Journal of Organic Chemistry, 2018, 83, 921-929.	3.2	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.	3.3	20
33	Terrazoanthines, 2-Aminoimidazole Alkaloids from the Tropical Eastern Pacific Zoantharian <i>Terrazoanthus onoi</i> . Organic Letters, 2017, 19, 1558-1561.	4.6	19
34	Antiplasmodial Securinega alkaloids from <i>Phyllanthus fraternus</i> : Discovery of natural (+)-allonorsecurinine. Tetrahedron Letters, 2017, 58, 3754-3756.	1.4	19
35	Bioactive Diketopiperazines and Nucleoside Derivatives from a Sponge-Derived <i>Streptomyces</i> Species. Marine Drugs, 2019, 17, 584.	4.6	19
36	MUSCLE: automated multi-objective evolutionary optimization of targeted LC-MS/MS analysis. Bioinformatics, 2015, 31, 975-977.	4.1	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.	3.0	17
38	Pleioikomenines A and B: Dimeric Aspidofractinine Alkaloids Tethered with a Methylene Group. <i>Organic Letters</i> , 2017, 19, 6180-6183.	4.6	17
39	Marine natural products from zoantharians: bioactivity, biosynthesis, systematics, and ecological roles. <i>Natural Product Reports</i> , 2020, 37, 515-540.	10.3	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.	2.6	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.	1.4	16
42	Palladium Nanoparticle-Catalyzed Stereoretentive Cross-Coupling of Alkenyl Sulfides with Grignard Reagents. <i>Organic Letters</i> , 2018, 20, 1430-1434.	4.6	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.	4.6	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.	2.9	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.	3.8	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.	8.0	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.	4.6	15
48	Sponge Chemical Diversity. <i>Advances in Marine Biology</i> , 2012, 62, 183-230.	1.4	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.	2.8	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.	3.0	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.	1.9	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.	2.9	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.	2.2	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.	4.6	12

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55	Taste and Smell: A Unifying Chemosensory Theory. Quarterly Review of Biology, 2022, 97, 69-94.	0.1	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.	3.0	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.	2.4	11
58	Insights into the Biosynthesis of Cyclic Guanidine Alkaloids from Crambeidae Marine Sponges. Angewandte Chemie - International Edition, 2019, 58, 520-525.	13.8	11
59	Eumitrins C-E: Structurally diverse xanthone dimers from the vietnamese lichen <i>Usnea baileyi</i> . F&T, 2020, 141, 104449.	2.2	11
60	Unexpected talaroenamine derivatives and an undescribed polyester from the fungus <i>Talaromyces stipitatus</i> ATCC10500. Phytochemistry, 2015, 119, 70-75.	2.9	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.	3.0	10
62	Atypical Spirotetronate Polyketides Identified in the Underexplored Genus <i>Streptacidiphilus</i> . Journal of Organic Chemistry, 2020, 85, 10648-10657.	3.2	10
63	Novel $\beta$ -Hydroxy $\beta$ -Butenolides of Kelp Endophytes Disrupt Bacterial Cell-to-Cell Signaling. Frontiers in Marine Science, 2020, 7, .	2.5	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.	4.6	10
65	Biosynthesis in marine sponges: the radiolabelling strikes back. Phytochemistry Reviews, 2013, 12, 425-434.	6.5	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.	3.0	9
67	Eryloside W, a triterpenoid saponin from the sponge <i>Dictyonella marsilii</i> . Phytochemistry Letters, 2015, 13, 252-255.	1.2	9
68	A Nitrile Glucoside and Biflavones from the Leaves of <i>CampylospERMUM excavatum</i> (Ochnaceae). Chemistry and Biodiversity, 2017, 14, e1700241.	2.1	9
69	Bromotryptamine and Bromotyramine Derivatives from the Tropical Southwestern Pacific Sponge <i>Narrabeena nigra</i> . Marine Drugs, 2019, 17, 319.	4.6	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.	1.2	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.	3.0	8
72	Ecdysonelactones, Ecdysteroids from the Tropical Eastern Pacific Zoantharian <i>Antipathozoanthus hickmani</i> . Marine Drugs, 2018, 16, 58.	4.6	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.	1.2	8
74	MS/MS-Guided Isolation of Clarinoside, a New Anti-Inflammatory Pentalogin Derivative. <i>Molecules</i> , 2018, 23, 1237.	3.8	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.	4.6	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.	2.0	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.	1.2	6
78	C25 steroids from the marine mussel-derived fungus <i>Penicillium ubiquestum</i> MMS330. <i>Phytochemistry Letters</i> , 2019, 34, 18-24.	1.2	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.	4.6	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.	4.6	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.	5.2	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.	2.9	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, .	0.6	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.	4.6	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.	3.3	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.	3.8	4
87	Chiroptical study and absolute configuration of securinine oxidation products. <i>Natural Product Research</i> , 2015, 29, 1235-1242.	1.8	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.	3.0	3
89	Hygroline derivatives from <i>Schizanthus tricolor</i> and their anti-trypanosomatid and antiplasmodial activities. <i>Phytochemistry</i> , 2021, 192, 112957.	2.9	3
90	Insights into the Biosynthesis of Cyclic Guanidine Alkaloids from Crambeidae Marine Sponges. <i>Angewandte Chemie</i> , 2019, 131, 530-535.	2.0	0