

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	Taste and Smell: A Unifying Chemosensory Theory. <i>Quarterly Review of Biology</i> , 2022, 97, 69-94.	0.1	12
2	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
3	Advances in decomposing complex metabolite mixtures using substructure- and network-based computational metabolomics approaches. <i>Natural Product Reports</i> , 2021, 38, 1967-1993.	10.3	78
4	Magnificines A and B, Antimicrobial Marine Alkaloids Featuring a Tetrahydrooxazolo[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
5	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
6	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
7	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. <i>Marine Drugs</i> , 2021, 19, 505.	4.6	10
8	Hygroline derivatives from <i>Schizanthus tricolor</i> and their anti-trypanosomatid and antiplasmodial activities. <i>Phytochemistry</i> , 2021, 192, 112957.	2.9	3
9	Marine natural products from zoantharians: bioactivity, biosynthesis, systematics, and ecological roles. <i>Natural Product Reports</i> , 2020, 37, 515-540.	10.3	17
10	Eumitrins C-E: Structurally diverse xanthone dimers from the vietnamese lichen <i>Usnea baileyi</i> . <i>F&T</i> , 2020, 141, 104449.	2.2	11
11	Atypical Spirotetronate Polyketides Identified in the Underexplored Genus <i>Streptacidiphilus</i> . <i>Journal of Organic Chemistry</i> , 2020, 85, 10648-10657.	3.2	10
12	Novel \pm -Hydroxy β^3 -Butenolides of Kelp Endophytes Disrupt Bacterial Cell-to-Cell Signaling. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	10
13	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
14	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
15	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
16	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
17	Total Synthesis of Tiacumicin-B: Implementing Hydrogen Bond Directed Acceptor Delivery for Highly Selective β -Glycosylations. <i>Angewandte Chemie</i> , 2020, 132, 6674-6678.	2.0	7
18	Total Synthesis of Tiacumicin-B: Implementing Hydrogen Bond Directed Acceptor Delivery for Highly Selective β -Glycosylations. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6612-6616.	13.8	22

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19	The value of universally available raw NMR data for transparency, reproducibility, and integrity in natural product research. <i>Natural Product Reports</i> , 2019, 36, 35-107.	10.3	92
20	CANPA: Computer-Assisted Natural Products Anticipation. <i>Analytical Chemistry</i> , 2019, 91, 11247-11252.	6.5	29
21	Bioactive Diketopiperazines and Nucleoside Derivatives from a Sponge-Derived <i>Streptomyces</i> Species. <i>Marine Drugs</i> , 2019, 17, 584.	4.6	19
22	C25 steroids from the marine mussel-derived fungus <i>Penicillium ubiquestum</i> MMS330. <i>Phytochemistry Letters</i> , 2019, 34, 18-24.	1.2	6
23	Bromotryptamine and Bromotyramine Derivatives from the Tropical Southwestern Pacific Sponge <i>Narrabeena nigra</i> . <i>Marine Drugs</i> , 2019, 17, 319.	4.6	9
24	Halogenated Tyrosine Derivatives from the Tropical Eastern Pacific Zoantharians <i>Antipathozoanthus hickmani</i> and <i>Parazoanthus darwini</i> . <i>Journal of Natural Products</i> , 2019, 82, 1354-1360.	3.0	10
25	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
26	Further terpenoids from <i>Euphorbia tirucalli</i> . <i>FÄ-toterapÄ-Ä</i> , 2019, 135, 44-51.	2.2	27
27	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
28	Biosynthetic investigation of $\hat{1}^3$ -lactones in <i>Sextonia rubra</i> wood using in situ TOF-SIMS MS/MS imaging to localize and characterize biosynthetic intermediates. <i>Scientific Reports</i> , 2019, 9, 1928.	3.3	20
29	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
30	Insights into the Biosynthesis of Cyclic Guanidine Alkaloids from Crambeidae Marine Sponges. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 520-525.	13.8	11
31	Insights into the Biosynthesis of Cyclic Guanidine Alkaloids from Crambeidae Marine Sponges. <i>Angewandte Chemie</i> , 2019, 131, 530-535.	2.0	0
32	MetWork: a web server for natural products anticipation. <i>Bioinformatics</i> , 2019, 35, 1795-1796.	4.1	35
33	Resolving the (1 <i>R</i>) Absolute Configuration of Lanciferine, a Monoterpene Indole Alkaloid from <i>Alstonia bouliandaensis</i> . <i>Journal of Natural Products</i> , 2018, 81, 1075-1078.	3.0	11
34	A Ring-Distortion Strategy from Marine Natural Product Ilimaquinone Leads to Quorum Sensing Modulators. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 2486-2497.	2.4	11
35	Palladium Nanoparticle-Catalyzed Stereoretentive Cross-Coupling of Alkenyl Sulfides with Grignard Reagents. <i>Organic Letters</i> , 2018, 20, 1430-1434.	4.6	16
36	Study of the Construction of the Tiacumicin B Aglycone. <i>Journal of Organic Chemistry</i> , 2018, 83, 921-929.	3.2	20

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37	Sanctis Aâ€“C: Three Racemic Procyanidin Analogues from The Lichen <i>Parmotrema sanctiâ€“engelii</i> . <i>European Journal of Organic Chemistry</i> , 2018, 2018, 2247-2253.	2.4	29
38	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> . <i>Organic Letters</i> , 2018, 20, 2046-2050.	4.6	23
39	Stereochemical Study of Punaâ€“maic 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
40	Callyspongic Acids: Amphiphilic Diacids from the Tropical Eastern Pacific Sponge <i>Callyspongia</i> cf. <i>californica</i> . <i>Journal of Natural Products</i> , 2018, 81, 2301-2305.	3.0	8
41	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
42	Anti-inflammatory and antiproliferative diterpenoids from <i>Plectranthus scutellarioides</i> . <i>Phytochemistry</i> , 2018, 154, 39-46.	2.9	27
43	Tsavoenones Aâ€“C: unprecedented polyketides with a 1,7-dioxadispiro[4.0.4.4]tetradecane core from the lichen <i>Parmotrema tsavoense</i> . <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5913-5919.	2.8	26
44	Ecdysonelactones, Ecdysteroids from the Tropical Eastern Pacific Zoantharian <i>Antipathozoanthus hickmani</i> . <i>Marine Drugs</i> , 2018, 16, 58.	4.6	8
45	MS/MS-Guided Isolation of Clarinoside, a New Anti-Inflammatory Pentalogin Derivative. <i>Molecules</i> , 2018, 23, 1237.	3.8	7
46	Mucorolactone, 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
47	Deep metabolome annotation in natural products research: towards a virtuous cycle in metabolite identification. <i>Current Opinion in Chemical Biology</i> , 2017, 36, 40-49.	6.1	91
48	Terrazoanthines, 2-Aminoimidazole Alkaloids from the Tropical Eastern Pacific Zoantharian <i>Terrazoanthus onoi</i> . <i>Organic Letters</i> , 2017, 19, 1558-1561.	4.6	19
49	Antiplasmodial Securinega alkaloids from <i>Phyllanthus fraternus</i> : Discovery of natural (+)-allonorsecurinine. <i>Tetrahedron Letters</i> , 2017, 58, 3754-3756.	1.4	19
50	Bioactive Natural Products Prioritization Using Massive Multi-informational Molecular Networks. <i>ACS Chemical Biology</i> , 2017, 12, 2644-2651.	3.4	112
51	Synthesis of a Tiacumicin B Protected Aglycone. <i>Organic Letters</i> , 2017, 19, 4006-4009.	4.6	33
52	A Reactive Eremophilane and Its Antibacterial 2(1 <i>H</i>)-Naphthalenone Rearrangement Product, Witnesses of a Microbial Chemical Warfare. <i>Organic Letters</i> , 2017, 19, 4038-4041.	4.6	20
53	A Nitrile Glucoside and Biflavones from the Leaves of <i>Campylospermum excavatum</i> (Ochnaceae). <i>Chemistry and Biodiversity</i> , 2017, 14, e1700241.	2.1	9
54	Pleiokomenines A and B: Dimeric Aspidofractinine Alkaloids Tethered with a Methylene Group. <i>Organic Letters</i> , 2017, 19, 6180-6183.	4.6	17

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55	Targeted Isolation of Monoterpene Indole Alkaloids from <i>Palicourea sessilis</i> . Journal of Natural Products, 2017, 80, 3032-3037.	3.0	31
56	Three new trixane glycosides obtained from the leaves of <i>Jungia sellowii</i> Less. using centrifugal partition chromatography. Beilstein Journal of Organic Chemistry, 2016, 12, 674-683.	2.2	13
57	Antimicrobial Oligophenalenone Dimers from the Soil Fungus <i>Talaromyces stipitatus</i> . Journal of Natural Products, 2016, 79, 2991-2996.	3.0	27
58	Allelopathic interactions between the brown algal genus <i>Lobophora</i> (Dictyotales, Phaeophyceae) and scleractinian corals. Scientific Reports, 2016, 6, 18637.	3.3	47
59	Gersemiols A and E, Eunicellol A, Diterpenoids from the Arctic Soft Coral <i>Gersemia fruticosa</i> . Journal of Natural Products, 2016, 79, 1132-1136.	3.0	17
60	Talaroketals A and B, unusual bis(oxaphenalenone) spiro and fused ketals from the soil fungus <i>Talaromyces stipitatus</i> ATCC 10500. Organic and Biomolecular Chemistry, 2016, 14, 2691-2697.	2.8	14
61	Metabolomic profiling reveals deep chemical divergence between two morphotypes of the zoanthid <i>Parazoanthus axinellae</i> . Scientific Reports, 2015, 5, 8282.	3.3	29
62	Cymoside, a monoterpene indole alkaloid with a hexacyclic fused skeleton from <i>Chimarrhis cymosa</i> . Tetrahedron Letters, 2015, 56, 5377-5380.	1.4	16
63	Cystophloroketals E, Unusual Phloroglucinol Meroterpenoid Hybrids from the Brown Alga <i>Cystoseira tamariscifolia</i> . Journal of Natural Products, 2015, 78, 1663-1670.	3.0	27
64	Eryloside W, a triterpenoid saponin from the sponge <i>Dictyonella marsilii</i> . Phytochemistry Letters, 2015, 13, 252-255.	1.2	9
65	MUSCLE: automated multi-objective evolutionary optimization of targeted LC-MS/MS analysis. Bioinformatics, 2015, 31, 975-977.	4.1	17
66	Gambierone, a Ladder-Shaped Polyether from the Dinoflagellate <i>Gambierdiscus belizeanus</i> . Organic Letters, 2015, 17, 2392-2395.	4.6	60
67	Chiroptical study and absolute configuration of securinine oxidation products. Natural Product Research, 2015, 29, 1235-1242.	1.8	3
68	Unexpected talaroenamine derivatives and an undescribed polyester from the fungus <i>Talaromyces stipitatus</i> ATCC10500. Phytochemistry, 2015, 119, 70-75.	2.9	10
69	Metabolome Consistency: Additional Parazoanthines from the Mediterranean Zoanthid <i>Parazoanthus Axinellae</i> . Metabolites, 2014, 4, 421-432.	2.9	24
70	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
71	Mahorones, Highly Brominated Cyclopentenones from the Red Alga <i>Asparagopsis taxiformis</i> . Journal of Natural Products, 2014, 77, 1150-1155.	3.0	40
72	Environmental solutions for the sustainable production of bioactive natural products from the marine sponge <i>Crambe crambe</i> . Science of the Total Environment, 2014, 475, 71-82.	8.0	15

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73	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
74	Two-dimensional ultra high pressure liquid chromatography quadrupole/time-of-flight mass spectrometry for semi-targeted natural compounds identification. <i>Phytochemistry Letters</i> , 2014, 10, 318-323.	1.2	8
75	Autumnalamide, a Prenylated Cyclic Peptide from the Cyanobacterium <i>Phormidium autumnale</i> , Acts on SH-SY5Y Cells at the Mitochondrial Level. <i>Journal of Natural Products</i> , 2014, 77, 2196-2205.	3.0	9
76	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
77	Biosynthesis in marine sponges: the radiolabelling strikes back. <i>Phytochemistry Reviews</i> , 2013, 12, 425-434.	6.5	9
78	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
79	Packaging and Delivery of Chemical Weapons: A Defensive Trojan Horse Stratagem in Chromodorid Nudibranchs. <i>PLoS ONE</i> , 2013, 8, e62075.	2.5	37
80	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
81	Sponge Chemical Diversity. <i>Advances in Marine Biology</i> , 2012, 62, 183-230.	1.4	14
82	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
83	Additional bioactive guanidine alkaloids from the Mediterranean sponge <i>Crambe crambe</i> . <i>RSC Advances</i> , 2012, 2, 2828.	3.6	47
84	Comparative bioaccumulation kinetics of trace elements in Mediterranean marine sponges. <i>Chemosphere</i> , 2012, 89, 340-349.	8.2	23
85	Structure elucidation of the new citharoxazole from the Mediterranean deep-sea sponge <i>Latrunculia (Biannulata) citharistae</i> . <i>Magnetic Resonance in Chemistry</i> , 2011, 49, 533-536.	1.9	13
86	New Insight into Marine Alkaloid Metabolic Pathways: Revisiting Oroidin Biosynthesis. <i>ChemBioChem</i> , 2011, 12, 2298-2301.	2.6	35
87	Acanthifoliosides, minor steroidal saponins from the Caribbean sponge <i>Pandaros acanthifolium</i> . <i>Tetrahedron</i> , 2011, 67, 1011-1018.	1.9	23
88	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
89	Parazoanthines A-E, Hydantoin Alkaloids from the Mediterranean Sea Anemone <i>Parazoanthus axinellae</i> . <i>Journal of Natural Products</i> , 2009, 72, 1612-1615.	3.0	66
90	Steroidal glycosides from the marine sponge <i>Pandaros acanthifolium</i> . <i>Steroids</i> , 2009, 74, 746-750.	1.8	20