

Ronaldo Aloise Pilli

List of Publications by Year in descending order

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116
papers

3,729
citations

136950

32
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161849

54
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141
all docs

141
docs citations

141
times ranked

3484
citing authors

#	ARTICLE	IF	CITATIONS
1	The phosphate ester group in secondary metabolites. <i>Natural Product Reports</i> , 2022, 39, 1066-1107.	10.3	9
2	Formal Syntheses of (±)-Tuberostemospiroline and (±)-Stemona- β -lactam R and Total Synthesis of (±)-Stemoamide. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	2.4	5
3	Hybrids of 4-hydroxy derivatives of goniotalamin and pipartine bearing a diester or a 1,2,3-triazole linker as antiproliferative agents. <i>Bioorganic Chemistry</i> , 2021, 116, 105292.	4.1	2
4	Near-Infrared Fluorescent Micelles from Poly(norbornene) Brush Triblock Copolymers for Nanotheranostics. <i>Biomacromolecules</i> , 2021, 22, 5290-5306.	5.4	14
5	Integrated Batch and Continuous Flow Process for the Synthesis of Goniotalamin. <i>ACS Omega</i> , 2020, 5, 18472-18483.	3.5	18
6	Total Synthesis of (+)-Raputindole A: An Iridium-Catalyzed Cyclization Approach. <i>Organic Letters</i> , 2020, 22, 6262-6266.	4.6	3
7	Antiproliferative Flavanoid Dimers Isolated from Brazilian Red Propolis. <i>Journal of Natural Products</i> , 2020, 83, 1784-1793.	3.0	18
8	Enhancing the Anticancer Activity and Selectivity of Goniotalamin Using pH-Sensitive Acetalated Dextran (Ac-Dex) Nanoparticles: A Promising Platform for Delivery of Natural Compounds. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 2929-2942.	5.2	17
9	Hybrid 3,4-dihydropyrimidin-2-(thi)ones as dual-functional bioactive molecules: fluorescent probes and cytotoxic agents to cancer cells. <i>New Journal of Chemistry</i> , 2020, 44, 12440-12451.	2.8	24
10	Goniotalamin-Related Styryl Lactones: Isolation, Synthesis, Biological Activity and Mode of Action. <i>Current Medicinal Chemistry</i> , 2020, 26, 7372-7451.	2.4	10
11	Total Synthesis and Structural Validation of Phosdiecin A via Asymmetric Alcohol-Mediated Carbonyl Reductive Coupling. <i>Journal of the American Chemical Society</i> , 2019, 141, 13778-13782.	13.7	11
12	Synthesis of Nitrogen-Containing Goniotalamin Analogues with Higher Cytotoxic Activity and Selectivity against Cancer Cells. <i>ChemMedChem</i> , 2019, 14, 1403-1417.	3.2	3
13	Modular Synthesis of Di- and Trisubstituted Imidazoles from Ketones and Aldehydes: A Route to Kinase Inhibitors. <i>Journal of Organic Chemistry</i> , 2019, 84, 14187-14201.	3.2	18
14	Palladium-Catalyzed Formation of Substituted Tetrahydropyrans: Mechanistic Insights and Structural Revision of Natural Products. <i>Synthesis</i> , 2019, 51, 1545-1560.	2.3	8
15	Steroidal hormone and morphological responses in the prostate anterior lobe in different cancer grades after Celecoxib and Goniotalamin treatments in TRAMP mice. <i>Cell Biology International</i> , 2018, 42, 1006-1020.	3.0	11
16	Organic Synthesis: New Vistas in the Brazilian Landscape. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 895-941.	0.8	4
17	Catalytic Enantioselective Allylations of Acetylenic Aldehydes via 2-Propanol-Mediated Reductive Coupling. <i>Organic Letters</i> , 2018, 20, 4144-4147.	4.6	15
18	Synthesis of novel perillyl-dihydropyrimidinone hybrids designed for antiproliferative activity. <i>MedChemComm</i> , 2018, 9, 1553-1564.	3.4	18

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19	Visible-Light-Activated Catalytic Enantioselective β^2 -Alkylation of β^2 -Unsaturated 2-Acyl Imidazoles Using Hantzsch Esters as Radical Reservoirs. <i>Journal of Organic Chemistry</i> , 2018, 83, 10922-10932.	3.2	60
20	Goniothalamine and Celecoxib Effects During Aging: Targeting Pro-inflammatory Mediators in Chemoprevention of Prostatic Disorders. <i>Prostate</i> , 2017, 77, 838-848.	2.3	10
21	Catalytic Asymmetric Synthesis and Stereochemical Revision of (+)-Cryptococconatone H. <i>Journal of Organic Chemistry</i> , 2017, 82, 9191-9197.	3.2	21
22	Preferential Mitochondrial Localization of a Goniothalamine Fluorescent Derivative. <i>ACS Omega</i> , 2017, 2, 3774-3784.	3.5	11
23	Anti-inflammatory natural product goniothalamine reduces colitis-associated and sporadic colorectal tumorigenesis. <i>Carcinogenesis</i> , 2017, 38, 51-63.	2.8	22
24	Goniothalamine prevents the development of chemically induced and spontaneous colitis in rodents and induces apoptosis in the HT-29 human colon tumor cell line. <i>Toxicology and Applied Pharmacology</i> , 2016, 300, 1-12.	2.8	20
25	Anti-inflammatory therapies in TRAMP mice: delay in PCa progression. <i>Endocrine-Related Cancer</i> , 2016, 23, 235-250.	3.1	26
26	(β^2)-Tarchonanthuslactone: Design of New Analogues, Evaluation of their Antiproliferative Activity on Cancer Cell Lines, and Preliminary Mechanistic Studies. <i>ChemMedChem</i> , 2015, 10, 1687-1699.	3.2	10
27	Enantioselective Total Synthesis of (+)-Lyngbyabellin M. <i>Marine Drugs</i> , 2015, 13, 3309-3324.	4.6	15
28	(β^2)-Tarchonanthuslactone Exerts a Blood Glucose-Increasing Effect in Experimental Type 2 Diabetes Mellitus. <i>Molecules</i> , 2015, 20, 5038-5049.	3.8	2
29	Total synthesis and stereochemical assignment of cryptolatifolione. <i>RSC Advances</i> , 2015, 5, 53471-53476.	3.6	8
30	Cascade cyclization triggered by imine formation. Formal synthesis of the alkaloid (β^2)-stemoamide and its 9a-epimer. <i>Tetrahedron Letters</i> , 2015, 56, 6664-6668.	1.4	16
31	Crystal structures of the apo form and a complex of human LMW-PTP with a phosphonic acid provide new evidence of a secondary site potentially related to the anchorage of natural substrates. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 4462-4471.	3.0	14
32	Is RK-682 a promiscuous enzyme inhibitor? Synthesis and <i>in vitro</i> evaluation of protein tyrosine phosphatase inhibition of racemic RK-682 and analogues. <i>European Journal of Medicinal Chemistry</i> , 2015, 97, 42-54.	5.5	10
33	Total Synthesis and Tentative Structural Elucidation of Cryptomoscatone E3: Interplay of Experimental and Computational Studies. <i>Journal of Organic Chemistry</i> , 2015, 80, 12027-12037.	3.2	27
34	Anti-inflammatory and antinociceptive effects of racemic goniothalamine, a styryl lactone. <i>Life Sciences</i> , 2015, 139, 83-90.	4.3	23
35	Gastroprotective effects of goniothalamine against ethanol and indomethacin-induced gastric lesions in rats: Role of prostaglandins, nitric oxide and sulfhydryl compounds. <i>Chemico-Biological Interactions</i> , 2014, 224, 206-212.	4.0	20
36	Coibacins A and B: Total Synthesis and Stereochemical Revision. <i>Journal of Organic Chemistry</i> , 2014, 79, 630-642.	3.2	25

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37	Design and Synthesis of N-acylated Aza-goniothalamine Derivatives and Evaluation of Their in vitro and in vivo Antitumor Activity. <i>ChemMedChem</i> , 2014, 9, 2725-2743.	3.2	29
38	Total synthesis of cryptomoscatones D1 and D2: stereochemical assignment of cryptomoscatone D1. <i>Tetrahedron</i> , 2014, 70, 6467-6473.	1.9	20
39	A new goniothalamine N-acylated aza-derivative strongly downregulates mediators of signaling transduction associated with pancreatic cancer aggressiveness. <i>European Journal of Medicinal Chemistry</i> , 2014, 87, 745-758.	5.5	19
40	Design, synthesis and in vitro evaluation against human cancer cells of 5-methyl-5-styryl-2,5-dihydrofuran-2-ones, a new series of goniothalamine analogues. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 5107-5117.	3.0	20
41	One-pot synthesis of organophosphate monoesters from alcohols. <i>Tetrahedron Letters</i> , 2013, 54, 1690-1692.	1.4	39
42	(+)-Altholactone exhibits broad spectrum immune modulating activity by inhibiting the activation of pro-inflammatory cytokines in RAW 264.7 cell lines. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 4358-4364.	3.0	15
43	Synthesis of methoxylated goniothalamine, aza-goniothalamine and β -pyrones and their in vitro evaluation against human cancer cells. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 3635-3651.	3.0	38
44	The antinociceptive activity of harmicine on chemical-induced neurogenic and inflammatory pain models in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 102, 133-138.	2.9	34
45	Knocking Down Low Molecular Weight Protein Tyrosine Phosphatase (LMW-PTP) Reverts Chemoresistance through Inactivation of Src and Bcr-Abl Proteins. <i>PLoS ONE</i> , 2012, 7, e44312.	2.5	29
46	NMR studies of inclusion complexation of the pyrrolizidine alkaloid retronecine and p-sulfonic acid calix[6]arene. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2011, 69, 149-155.	1.6	18
47	The chemistry of <i>Stemona</i> alkaloids: An update. <i>Natural Product Reports</i> , 2010, 27, 1908.	10.3	231
48	Effect of goniothalamine on the development of Ehrlich solid tumor in mice. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 6742-6747.	3.0	57
49	Antiproliferative activity of arborescidine alkaloids and derivatives. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 3810-3815.	5.5	35
50	Asymmetric total synthesis and antiproliferative activity of goniothalamine oxide isomers. <i>Bioorganic Chemistry</i> , 2009, 37, 52-56.	4.1	16
51	Novel Supramolecular Palladium Catalyst for the Asymmetric Reduction of Imines in Aqueous Media. <i>Organic Letters</i> , 2009, 11, 3238-3241.	4.6	71
52	Fifteen years of biological and synthetic studies of decarestrictine family. <i>Tetrahedron</i> , 2008, 64, 2279-2300.	1.9	83
53	Enantioselective total syntheses of ropivacaine and its analogues. <i>Tetrahedron Letters</i> , 2008, 49, 5098-5100.	1.4	52
54	Cytotoxicity of goniothalamine enantiomers in renal cancer cells: Involvement of nitric oxide, apoptosis and autophagy. <i>Chemico-Biological Interactions</i> , 2008, 176, 143-150.	4.0	45

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73	The Stemona Alkaloids. <i>The Alkaloids Chemistry and Biology</i> , 2005, 62, 77-173.	2.0	51
74	A Concise Route to the Azaspirodecane Moiety of Halichlorine and Structurally Related Alkaloids. <i>Organic Letters</i> , 2005, 7, 1617-1619.	4.6	23
75	Fast Screening of Low Molecular Weight Compounds by Thin-Layer Chromatography and <i>on-Spot</i> MALDI-TOF Mass Spectrometry. <i>Analytical Chemistry</i> , 2004, 76, 2144-2147.	6.5	69
76	Addition of Carbon Nucleophiles to Cyclic N-Acyliminium Ions in SDS/Water.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
77	Enantioselective syntheses of (R)- and (S)-argentilactone and their cytotoxic activities against cancer cell lines. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 5437-5442.	3.0	28
78	Addition of carbon nucleophiles to cyclic N-acyliminium ions in SDS/water. <i>Tetrahedron Letters</i> , 2004, 45, 2821-2823.	1.4	18
79	Enantioselective Total Syntheses of (+)-Arborescidine A, (<i>rac</i>)-Arborescidine B, and (<i>rac</i>)-Arborescidine C. <i>Journal of Organic Chemistry</i> , 2004, 69, 1283-1289.	3.2	84
80	Total syntheses of (R)-argentilactone and (R)-goniothalamine via catalytic enantioselective allylation of aldehydes. <i>Tetrahedron Letters</i> , 2003, 44, 8721-8724.	1.4	47
81	Total Synthesis and Structural Elucidation of (<i>rac</i>)-Delactonmycin. <i>Angewandte Chemie</i> , 2003, 115, 3125-3128.	2.0	7
82	Regio- and Diastereoselective Synthesis of 5-trans-Substituted and 5,5-Disubstituted 2-Pyrrolidinones Derived from (S)-Malic Acid.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
83	A Novel Asymmetric Reduction of Dihydro- <i>rac</i> -carboline Derivatives Using Calix[6]arene/Chiral Amine as a Host Complex.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
84	Total Synthesis and Structural Elucidation of (<i>rac</i>)-Delactonmycin. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3017-3020.	13.8	33
85	A novel asymmetric reduction of dihydro- <i>rac</i> -carboline derivatives using calix[6]arene/chiral amine as a host complex. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 2515-2519.	1.8	26
86	Probing the Mechanism of the Petasis Olefination Reaction by Atmospheric Pressure Chemical Ionization Mass and Tandem Mass Spectrometry. <i>Organic Letters</i> , 2003, 5, 1391-1394.	4.6	64
87	Studies towards the construction of alkylidene quinolizidines: the total synthesis of homopumiliotoxin 223G. <i>Journal of the Brazilian Chemical Society</i> , 2003, 14, 982-993.	0.6	10
88	Enantioselective approach to the asymmetric synthesis of (6R)-hydroxymethyl-5,6-dihydro-2H-pyran-2-one. A formal synthesis of (R)-argentilactone and total synthesis of (R)-goniothalamine. <i>Arkivoc</i> , 2003, 2003, 118-126.	0.5	24
89	Mannich-Type Reactions in the Gas-Phase: The Addition of Enol Silanes to Cyclic N-Acyliminium Ions. <i>Journal of Organic Chemistry</i> , 2002, 67, 4652-4658.	3.2	29
90	Regio- and diastereoselective synthesis of 5-trans-substituted and 5,5-disubstituted 2-pyrrolidinones derived from (S)-malic acid. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 1973-1980.	1.8	17

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91	Synthesis of 1-ferrocenyl-2-aryl(heteroaryl)acetylenes and 2-ferrocenylindole derivatives via the Sonogashira-Heck-Cassar reaction. <i>Tetrahedron</i> , 2002, 58, 4487-4492.	1.9	53
92	Stereoselectivity in the intramolecular Nozaki-Hiyama-Kishi reaction: influence of the substitution pattern and protecting groups in the construction of 10-membered lactones. <i>Tetrahedron Letters</i> , 2002, 43, 2815-2818.	1.4	13
93	Total synthesis of (+)-herbarumin I via intermolecular Nozaki-Hiyama-Kishi reaction. <i>Tetrahedron Letters</i> , 2002, 43, 2819-2821.	1.4	30
94	Intrinsic Gas-Phase Electrophilic Reactivity of Cyclic N-Alkyl- and N-Acyliminium Ions. <i>Journal of Organic Chemistry</i> , 2001, 66, 3854-3864.	3.2	39
95	The stereochemistry of the Nozaki-Hiyama-Kishi reaction and the construction of 10-membered lactones. The enantioselective total synthesis of (-)-decastrictine D. <i>Journal of the Brazilian Chemical Society</i> , 2001, 12, 373-385.	0.6	13
96	The stereochemistry of the addition of chlorotitanium enolates of N-acyl oxazolidin-2-ones to 5- and 6-membered N-acyliminium ions. <i>Journal of the Brazilian Chemical Society</i> , 2001, 12, 634-651.	0.6	12
97	Diastereoselection of the addition of silyloxyfurans to five-, six- and seven-membered N-acyliminium ions. <i>Tetrahedron Letters</i> , 2001, 42, 6995-6997.	1.4	26
98	Total synthesis of (±)-homopumiliotoxin 223G. <i>Tetrahedron Letters</i> , 2001, 42, 6999-7001.	1.4	36
99	A short synthesis of (1S,8aR)-1-aminomethyl indolizidine. The heterocyclic core of stelletamides. <i>Tetrahedron Letters</i> , 2001, 42, 7003-7005.	1.4	13
100	Enhanced trans diastereoselection in the allylation of cyclic chiral N-acyliminium ions. Synthesis of hydroxylated indolizidines. <i>Tetrahedron Letters</i> , 2001, 42, 5605-5608.	1.4	58
101	Addition of carbon nucleophiles to substituted N-acyliminium ions. A stereoselective route to trans-fused decahydroquinoline systems. <i>Tetrahedron Letters</i> , 2000, 41, 7843-7846.	1.4	11
102	The addition of 2-tert-butyldimethylsilyloxyfuran to cyclic N-acyliminium ions containing cyclohexyl-based chiral auxiliaries. <i>Tetrahedron Letters</i> , 2000, 41, 9709-9712.	1.4	41
103	Addition of silylated carbon nucleophiles to iminium and cyclic N-acyliminium ions promoted by InCl ₃ . <i>Tetrahedron Letters</i> , 2000, 41, 9939-9942.	1.4	36
104	Diastereoselective synthesis of 2,5-disubstituted tetrahydrofuran derivatives. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 3675-3686.	1.8	23
105	Creation of quaternary stereocenters by the addition of allyltributyltin to chiral cyclic N-acyliminium ions. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 753-764.	1.8	36
106	First Total Synthesis of Aspinolide B, a New Pentaketide Produced by <i>Aspergillus ochraceus</i> . <i>Journal of Organic Chemistry</i> , 2000, 65, 5910-5916.	3.2	39
107	Recent progress in the chemistry of the <i>Stemona</i> alkaloids. <i>Natural Product Reports</i> , 2000, 17, 117-127.	10.3	281
108	Stereoselective Synthesis of Functionalized trans-2,5-Disubstituted Tetrahydrofurans. <i>Organic Letters</i> , 2000, 2, 53-56.	4.6	28

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109	The stereochemistry of the addition of titanium enolates of N-propionyl-oxazolidin-2-ones to 5- and 6-membered N-acyliminium ions. <i>Tetrahedron Letters</i> , 1999, 40, 2891-2894.	1.4	22
110	Stereoselective alkylation of N-Boc-2-pyrrolidinones and N-Boc-2-piperidinones. Synthesis and characterization of disubstituted lactams. <i>Tetrahedron</i> , 1999, 55, 13321-13332.	1.9	22
111	Total synthesis of (âˆ™)-decastrictine D through a stereoselective intramolecular Nozaki-Hiyama-Kishi reaction. <i>Tetrahedron Letters</i> , 1998, 39, 4421-4424.	1.4	41
112	Total Synthesis of 10-Deoxymethynolide, the Aglycon of the Macrolide Antibiotic 10-Deoxymethymycin. <i>Journal of Organic Chemistry</i> , 1998, 63, 7811-7819.	3.2	46
113	Addition of a Chiral Boron Enolate to Cyclic N-Acyliminium Ions. Stereocontrolled Synthesis of the Pyrrolizidine Ring System. <i>Journal of Organic Chemistry</i> , 1996, 61, 3187-3190.	3.2	44
114	One-Pot Preparation of Quinolizidin-2-one and Indolizidin-7-one Ring Systems. Concise Total Syntheses of (.,+.)-Myrtine, (.,+.)-Lasubine II, and (-)-Indolizidine 223AB. <i>Journal of Organic Chemistry</i> , 1995, 60, 717-722.	3.2	86
115	Stereoselective total synthesis of (.,+.)-invictolide. An efficient preparation of a trisubstituted .delta.-lactone from aldol precursors. <i>Journal of Organic Chemistry</i> , 1993, 58, 338-342.	3.2	21
116	Degradation of Å²-O-4 lignin model and related compounds by the ascomycete <i>Chrysonilia sitophila</i> (TFB) Tj ETQq0.0.0 rgBT /Qverlock 1	2.9	8