

George R Pettit

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1776255/george-r-pettit-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

218
papers

11,026
citations

52
h-index

94
g-index

221
ext. papers

11,642
ext. citations

5
avg. IF

5.45
L-index

#	Paper	IF	Citations
218	Antineoplastic Agents. 607. Emetine Auristatins. <i>Journal of Natural Products</i> , 2020 , 83, 1571-1576	4.9	4
217	Antineoplastic Agents. 606. The Betulastatins. <i>Journal of Natural Products</i> , 2018 , 81, 458-464	4.9	6
216	Antineoplastic Agents. 605. Isoquinstatins. <i>Journal of Natural Products</i> , 2018 , 81, 451-457	4.9	6
215	Antineoplastic Agents. 603. Quinstatins: Exceptional Cancer Cell Growth Inhibitors. <i>Journal of Natural Products</i> , 2017 , 80, 692-698	4.9	9
214	Antineoplastic Agents. 604. The Path of Quinstatin Derivatives to Antibody Drug Conjugates. <i>Journal of Natural Products</i> , 2017 , 80, 2447-2452	4.9	3
213	Antineoplastic Agents. 585. Isolation of <i>Bridelia ferruginea</i> Anticancer Podophyllotoxins and Synthesis of 4-Aza-podophyllotoxin Structural Modifications. <i>Journal of Natural Products</i> , 2016 , 79, 507-18	4.9	16
212	Isolation and Structure of Cancer Cell Growth Inhibitory Tetracyclic Triterpenoids from the Zimbabwean <i>Monadenium lugardae</i> . <i>Journal of Natural Products</i> , 2016 , 79, 1598-603	4.9	5
211	Neristatin 1 provides critical insight into bryostatin 1 structure-function relationships. <i>Journal of Natural Products</i> , 2015 , 78, 896-900	4.9	16
210	Antineoplastic agents 596. Isolation and structure of chromomycin A5 from a Beaufort Sea microorganism. <i>RSC Advances</i> , 2015 , 5, 9116-9122	3.7	3
209	The Cephalostatins. 24. Isolation, Structure, and Cancer Cell Growth Inhibition of Cephalostatin 20. <i>Journal of Natural Products</i> , 2015 , 78, 1446-50	4.9	13
208	The Cephalostatins. 23. Conversion of Hecogenin to a Steroidal 1,6-Dioxaspiro[5.5]nonane Analogue for Cephalostatin 11. <i>Journal of Natural Products</i> , 2015 , 78, 1067-72	4.9	7
207	Antineoplastic agents. 599. Total synthesis of dolastatin 16. <i>Journal of Natural Products</i> , 2015 , 78, 476-85	4.9	15
206	Antineoplastic agents. 600. From the South Pacific Ocean to the silstatins. <i>Journal of Natural Products</i> , 2015 , 78, 510-23	4.9	2
205	Antineoplastic agents. 595. Structural modifications of betulin and the X-ray crystal structure of an unusual betulin amine dimer. <i>Journal of Natural Products</i> , 2014 , 77, 863-72	4.9	24
204	Synthesis of a 2-aryl-3-aryl indole salt (OXi8007) resembling combretastatin A-4 with application as a vascular disrupting agent. <i>Journal of Natural Products</i> , 2013 , 76, 1668-78	4.9	41
203	Isolation and structures of axistatins 1-3 from the Republic of Palau marine sponge <i>Agelas axifera</i> Hentschel. <i>Journal of Natural Products</i> , 2013 , 76, 420-4	4.9	24
202	Antineoplastic agents. 587. Isolation and structure of 3-epipancreatistatin from <i>Narcissus</i> cv. Ice Follies. <i>Journal of Natural Products</i> , 2012 , 75, 771-3	4.9	13

201	Antineoplastic agents. 548. Synthesis of iodo- and diiodocombstatin phosphate prodrugs. <i>Journal of Natural Products</i> , 2012 , 75, 385-93	4.9	5
200	The cephalostatins. 22. synthesis of bis-steroidal pyrazine pyrones (1). <i>Journal of Natural Products</i> , 2012 , 75, 1063-9	4.9	15
199	Antineoplastic agents. 592. Highly effective cancer cell growth inhibitory structural modifications of dolastatin 10. <i>Journal of Natural Products</i> , 2011 , 74, 962-8	4.9	36
198	Antineoplastic agents. 590. X-ray crystal structure of dolastatin 16 and syntheses of the dolamethylleuine and dolaphenvaline units. <i>Journal of Natural Products</i> , 2011 , 74, 1003-8	4.9	12
197	Regioselective synthesis of water-soluble monophosphate derivatives of combretastatin A-1. <i>Journal of Natural Products</i> , 2011 , 74, 1568-74	4.9	11
196	The Discovery and Development of the Combretastatins 2011 , 27-64		3
195	The cephalostatins. 21. Synthesis of bis-steroidal pyrazine rhamnosides (1). <i>Journal of Natural Products</i> , 2011 , 74, 1922-30	4.9	19
194	Isolation of human cancer cell growth inhibitory, antimicrobial lateritin from a mixed fungal culture. <i>Planta Medica</i> , 2010 , 76, 500-1	3.1	14
193	Antineoplastic agents. 573. isolation and structure of papilistatin from the papilionid butterfly <i>Byasa polyeuctes termessa</i> . <i>Journal of Natural Products</i> , 2010 , 73, 164-6	4.9	9
192	An efficient synthetic strategy for obtaining 4-methoxy carbon isotope labeled combretastatin A-4 phosphate and other Z-combretastatins. <i>Journal of Natural Products</i> , 2010 , 73, 399-403	4.9	10
191	Antineoplastic agents. 556. Isolation and structure of Coprinastatin 1 from <i>Coprinus cinereus</i> . <i>Journal of Natural Products</i> , 2010 , 73, 388-92	4.9	28
190	Cytotoxic lipid esters from <i>Peucedanum ledebourielloides</i> . <i>Medicinal Chemistry Research</i> , 2010 , 19, 337-343		4
189	Antineoplastic agents 582. Part 1: Isolation and structure of a cyclobutane-type sesquiterpene cancer cell growth inhibitor from <i>Coprinus cinereus</i> (Coprinaceae). <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 4879-83	3.4	14
188	Potential of the activity of cisplatin in a human colon tumour xenograft model by auristatin PYE, a structural modification of dolastatin 10. <i>Molecular Medicine Reports</i> , 2010 , 3, 309-13	2.9	9
187	Intracellular activation and deactivation of tasidotin, an analog of dolastatin 15: correlation with cytotoxicity. <i>Molecular Pharmacology</i> , 2009 , 75, 218-26	4.3	27
186	In vivo activity of anprocide alone, and in vitro activity in combination with conventional antibiotics against <i>Staphylococcus aureus</i> and <i>Staphylococcus epidermidis</i> biofilms. <i>Journal of Medical Microbiology</i> , 2009 , 58, 1203-1206	3.2	8
185	E-Combretastatin and E-resveratrol structural modifications: antimicrobial and cancer cell growth inhibitory beta-E-nitrostyrenes. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 6606-12	3.4	30
184	Antineoplastic agents. 454. Synthesis of the strong cancer cell growth inhibitors trans-dihydronarciclasine and 7-deoxy-trans-dihydronarciclasine (1a). <i>Journal of Natural Products</i> , 2009 , 72, 1279-82	4.9	42

- 183 Antineoplastic agents. 570. Isolation and structure elucidation of bacillistatins 1 and 2 from a marine *Bacillus silvestris*. *Journal of Natural Products*, **2009**, 72, 366-71 4.9 30
- 182 Antineoplastic agents. 571. Total synthesis of bacillistatin 2. *Journal of Natural Products*, **2009**, 72, 372-9 4.9 15
- 181 Antineoplastic agents. 565. Synthesis of combretastatin D-2 phosphate and dihydro-combretastatin D-2. *Journal of Natural Products*, **2009**, 72, 876-83 4.9 19
- 180 Antineoplastic agents. 579. Synthesis and cancer cell growth evaluation of E-stilstatin 3: a resveratrol structural modification. *Journal of Natural Products*, **2009**, 72, 1637-42 4.9 21
- 179 Antineoplastic agents. 578. Synthesis of stilstatins 1 and 2 and their water-soluble prodrugs. *Journal of Natural Products*, **2009**, 72, 380-8 4.9 22
- 178 Antineoplastic agents. 558. Ampelocissus sp. cancer cell growth inhibitory constituents. *Journal of Natural Products*, **2008**, 71, 130-3 4.9 26
- 177 Combretastatin dinitrogen-substituted stilbene analogues as tubulin-binding and vascular-disrupting agents. *Journal of Natural Products*, **2008**, 71, 313-20 4.9 35
- 176 Antineoplastic agents. 552. Oxidation of combretastatin A-1: trapping the o-quinone intermediate considered the metabolic product of the corresponding phosphate prodrug. *Journal of Natural Products*, **2008**, 71, 1561-3 4.9 27
- 175 Stylopeptide 2, a proline-rich cyclodecapeptide from the sponge *Stylorella* sp. *Journal of Natural Products*, **2008**, 71, 453-6 4.9 21
- 174 Synthesis and biological evaluation of phorbazole congeners leading to the discovery and preparative-scale synthesis of (+)-chlorophorbazole a possessing picomolar human solid tumor cell growth inhibitory activity. *Journal of Organic Chemistry*, **2008**, 73, 1201-8 4.2 23
- 173 Design, synthesis, biochemical, and biological evaluation of nitrogen-containing trifluoro structural modifications of combretastatin A-4. *Bioorganic and Medicinal Chemistry Letters*, **2008**, 18, 5146-9 2.9 20
- 172 Antineoplastic agents. 536. New sources of naturally occurring cancer cell growth inhibitors from marine organisms, terrestrial plants, and microorganisms(1a.). *Journal of Natural Products*, **2008**, 71, 438-44 4.9 41
- 171 Antineoplastic agents. 561. Total synthesis of respirantin. *Journal of Natural Products*, **2007**, 70, 1073-83 4.9 25
- 170 Antineoplastic agents. 560. Isolation and structure of kitastatin 1 from an Alaskan *Kitasatospora* sp. *Journal of Natural Products*, **2007**, 70, 1069-72 4.9 14
- 169 Antineoplastic agents. 550. Synthesis of 10b(s)-epipancratistatin from (+)-narciclasine. *Journal of Natural Products*, **2007**, 70, 417-22 4.9 23
- 168 Cyclotrimerization approach to unnatural structural modifications of pancratistatin and other amaryllidaceae constituents [Synthesis and biological evaluation. *Canadian Journal of Chemistry*, **2006**, 84, 1313-1337 0.9 31
- 167 The marine product cephalostatin 1 activates an endoplasmic reticulum stress-specific and apoptosome-independent apoptotic signaling pathway. *Journal of Biological Chemistry*, **2006**, 281, 33078-86 5.4 52
- 166 Antineoplastic agents. 551. Isolation and structures of bauhiniastatins 1-4 from *Bauhinia purpurea*. *Journal of Natural Products*, **2006**, 69, 323-7 4.9 69

165	Antineoplastic Agents. 554. The manitoba bacterium Streptomyces sp. <i>Journal of Natural Products</i> , 2006 , 69, 804-6	4.9	13
164	Isolation and structural modification of 7-deoxynarciclasine and 7-deoxy-trans-dihydronarciclasine. <i>Journal of Natural Products</i> , 2006 , 69, 7-13	4.9	52
163	Design, synthesis, and biological evaluation of combretastatin nitrogen-containing derivatives as inhibitors of tubulin assembly and vascular disrupting agents. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 3231-44	3.4	64
162	Antineoplastic agents. 527. Synthesis of 7-deoxynarcistatin, 7-deoxy-trans-dihydronarcistatin, and trans-dihydronarcistatin 1(1). <i>Journal of Natural Products</i> , 2005 , 68, 207-11	4.9	44
161	Antineoplastic agents. 534. isolation and structure of sansevistatins 1 and 2 from the African Sansevieria ehrenbergii. <i>Journal of Natural Products</i> , 2005 , 68, 729-33	4.9	27
160	Antineoplastic agents. 515. Synthesis of human cancer cell growth inhibitors derived from 3,4-methylenedioxy-5,4-dimethoxy-3-amino-Z-stilbene. <i>Journal of Natural Products</i> , 2005 , 68, 1191-7	4.9	10
159	Antineoplastic agents. 542. Isolation and structure of sesterstatin 6 from the Indian Ocean sponge Hyrtios erecta. <i>Journal of Natural Products</i> , 2005 , 68, 1253-5	4.9	40
158	Isolation and structure of phakellistatin 14 from the Western Pacific marine sponge Phakellia sp. <i>Journal of Natural Products</i> , 2005 , 68, 60-3	4.9	37
157	Antineoplastic agents. 553. The Texas grasshopper Brachystola magna. <i>Journal of Natural Products</i> , 2005 , 68, 1256-8	4.9	34
156	Antineoplastic agents. 445. Synthesis and evaluation of structural modifications of (Z)- and (E)-combretastatin A-41. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 4087-99	8.3	148
155	Antineoplastic agents. 545. Isolation and structure of turbostatins 1-4 from the Asian marine mollusk Turbo stenogyrus. <i>Journal of Natural Products</i> , 2005 , 68, 974-8	4.9	29
154	(+)-Phorboxazole A synthetic studies. Identification of a series of highly cytotoxic C(45-46) analogues. <i>Organic Letters</i> , 2005 , 7, 4403-6	6.2	24
153	Antineoplastic agents. 509: synthesis of fluorcombstatin phosphate and related 3-halostilbenes(1). <i>Journal of Natural Products</i> , 2005 , 68, 1450-8	4.9	39
152	Antineoplastic Agents 540. The Indian Gynandropsis gynandra (Capparidaceae). <i>Oncology Research</i> , 2005 , 15, 59-68	4.8	4
151	Microplate Alamar blue assay for Staphylococcus epidermidis biofilm susceptibility testing. <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 2612-7	5.9	237
150	Cephalostatin 1 inactivates Bcl-2 by hyperphosphorylation independent of M-phase arrest and DNA damage. <i>Molecular Pharmacology</i> , 2005 , 67, 1684-9	4.3	40
149	Antineoplastic agents 470. Absolute configuration of the marine sponge bromopyrrole agelastatin A. <i>Oncology Research</i> , 2005 , 15, 11-20	4.8	34
148	The Discovery and Development of the Combretastatins 2005 ,		1

147	Antineoplastic agents 540. The Indian Gynandropsis gynandra (Capparidaceae). <i>Oncology Research</i> , 2005 , 15, 59-68	4.8	1
146	Differential gene expression in auristatin PHE-treated <i>Cryptococcus neoformans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 561-7	5.9	8
145	Direct photoaffinity labeling by dolastatin 10 of the amino-terminal peptide of beta-tubulin containing cysteine 12. <i>Journal of Biological Chemistry</i> , 2004 , 279, 30731-40	5.4	22
144	Characterization of the hollow fiber assay for the determination of microtubule disruption in vivo. <i>Clinical Cancer Research</i> , 2004 , 10, 6677-85	12.9	23
143	Antibacterial activity of the marine sponge constituent cribrostatin 6. <i>Journal of Medical Microbiology</i> , 2004 , 53, 61-65	3.2	23
142	Synthesis and biological activity of some structural modifications of pancratistatin. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 2911-5	2.9	70
141	Antineoplastic agents. 380. Isolation and X-ray crystal structure determination of isoaptamine from the Republic of Singapore <i>Hymeniacidon</i> sp. and conversion to the phosphate prodrug hystatin 1. <i>Journal of Natural Products</i> , 2004 , 67, 506-9	4.9	34
140	Isolation and structure of gustastatin from the Brazilian nut tree <i>Gustavia hexapetala</i> . <i>Journal of Natural Products</i> , 2004 , 67, 983-5	4.9	20
139	Synthesis and X-ray crystal structure of the dolabellaauricularia peptide dolastatin 18. <i>Journal of Organic Chemistry</i> , 2004 , 69, 4019-22	4.2	15
138	Antineoplastic agents. 511. Direct phosphorylation of phenpanstatin and pancratistatin. <i>Journal of Natural Products</i> , 2004 , 67, 322-7	4.9	30
137	Antineoplastic agents. 529. Isolation and structure of nootkastatins 1 and 2 from the Alaskan yellow cedar <i>Chamaecyparis nootkatensis</i> . <i>Journal of Natural Products</i> , 2004 , 67, 1476-82	4.9	16
136	Antineoplastic Agents. 510. Isolation and structure of dolastatin 19 from the Gulf of California sea hare <i>Dolabella auricularia</i> . <i>Journal of Natural Products</i> , 2004 , 67, 1252-5	4.9	42
135	Antineoplastic agents. 535. Isolation and structure of plakorstatins 1 and 2 from the Indo-Pacific sponge <i>Plakortis nigra</i> . <i>Journal of Natural Products</i> , 2004 , 67, 1611-3	4.9	20
134	Antineoplastic agents. 522. <i>Hernandia peltata</i> (Malaysia) and <i>Hernandia nymphaeifolia</i> (Republic of Maldives). <i>Journal of Natural Products</i> , 2004 , 67, 214-20	4.9	23
133	Antineoplastic agents. 499. Synthesis of hystatin 2 and related 1H-benzo[de][1,6]-naphthyridinium salts from aaptamine. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 1775-82	8.3	19
132	Antineoplastic agents. 520. Isolation and structure of irciniastatins A and B from the Indo-Pacific marine sponge <i>Ircinia ramosa</i> . <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 1149-52	8.3	124
131	Antineoplastic agents 491. Synthetic conversion of aaptamine to isoaptamine, 9-demethylaaptamine, and 4-methylaaptamine. <i>Journal of Organic Chemistry</i> , 2004 , 69, 2251-6	4.2	31
130	Antineoplastic agents 390. Isolation and structure of phakellistatin 12 from a Chuuk archipelago marine sponge. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003 , 13, 685-8	2.9	27

129	Antineoplastic agents. 485. Isolation and structure of cribrostatin 6, a dark blue cancer cell growth inhibitor from the marine sponge <i>Cribrochalina</i> sp. <i>Journal of Natural Products</i> , 2003 , 66, 544-7	4.9	64
128	Antineoplastic agents 500. Narcistatin. <i>Journal of Natural Products</i> , 2003 , 66, 92-6	4.9	14
127	Antineoplastic agents. 488. Isolation and structure of yukonin from a yukon territory fungus. <i>Journal of Natural Products</i> , 2003 , 66, 276-8	4.9	8
126	Antineoplastic agents. 487. Synthesis and biological evaluation of the antineoplastic agent 3,4-methylenedioxy-5,4-dimethoxy-3-amino-Z-stilbene and derived amino acid amides. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 525-31	8.3	54
125	Isolation and structure of palstatin from the Amazon tree <i>Hymenaea palustris</i> (1). <i>Journal of Natural Products</i> , 2003 , 66, 259-62	4.9	40
124	Isolation and structure of ruprechstyryl from <i>Ruprechtia tangarana</i> . <i>Journal of Natural Products</i> , 2003 , 66, 1065-9	4.9	72
123	Cephalostatin 1 selectively triggers the release of Smac/DIABLO and subsequent apoptosis that is characterized by an increased density of the mitochondrial matrix. <i>Cancer Research</i> , 2003 , 63, 8869-76	10.1	51
122	Preclinical study of dolastatin-10 in dogs with spontaneous neoplasia. <i>Cancer Chemotherapy and Pharmacology</i> , 2002 , 49, 251-5	3.5	12
121	Effect of auristatin PHE on microtubule integrity and nuclear localization in <i>Cryptococcus neoformans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2002 , 46, 3802-8	5.9	17
120	Synthesis of 10b(R)-Hydroxypancratistatin, 10b(S)-Hydroxy-1-epipancratistatin, 10b(S)-Hydroxy-1,2-diepipancratistatin and Related Isocarbostryryls. <i>Heterocycles</i> , 2002 , 56, 139	0.8	24
119	Isolation and structure of a 20,21-epoxybufenolide series from "Ch _{Qn} Su". <i>Journal of Natural Products</i> , 2002 , 65, 1001-5	4.9	52
118	QSAR evaluation of the Ch _{Qn} Su and related bufadienolides against the colchicine-resistant primary liver carcinoma cell line PLC/PRF/5(1). <i>Journal of Medicinal Chemistry</i> , 2002 , 45, 5440-7	8.3	84
117	Antineoplastic agents. 465. Structural modification of resveratrol: sodium resverastatin phosphate. <i>Journal of Medicinal Chemistry</i> , 2002 , 45, 2534-42	8.3	158
116	Isolation of labradorins 1 and 2 from <i>Pseudomonas syringae</i> pv. <i>coronafaciens</i> . <i>Journal of Natural Products</i> , 2002 , 65, 1793-7	4.9	56
115	Total synthesis and biological evaluation of Amaryllidaceae alkaloids: narciclasine, ent-7-deoxypancratistatin, regioisomer of 7-deoxypancratistatin, 10b-epi-deoxypancratistatin, and truncated derivatives. <i>Journal of Organic Chemistry</i> , 2002 , 67, 8726-43	4.2	160
114	Preclinical evaluation of the antitumour activity of the novel vascular targeting agent Oxi 4503. <i>Anticancer Research</i> , 2002 , 22, 1453-8	2.3	48
113	Studies directed towards the refinement of the pancratistatin cytotoxic pharmacophore. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001 , 11, 169-72	2.9	69
112	In vitro activities of two antimitotic compounds, pancratistatin and 7-deoxynarciclasine, against <i>Encephalitozoon intestinalis</i> , a microsporidium causing infections in humans. <i>Antimicrobial Agents and Chemotherapy</i> , 2001 , 45, 3409-15	5.9	27

111	In vitro activities and postantifungal effects of the potent dolastatin 10 derivative auristatin PHE. <i>Antimicrobial Agents and Chemotherapy</i> , 2001 , 45, 3580-4	5.9	15
110	Isolation and structure of five new cancer cell growth inhibitory bufadienolides from the Chinese traditional drug Ch $\text{\textcircled{Q}}$ n Su. <i>Journal of Natural Products</i> , 2001 , 64, 1148-52	4.9	98
109	A cobalt-phosphine complex directed Reformatsky approach to a stereospecific synthesis of the dolastatin 10 unit dolaproine (Dap). <i>Journal of Organic Chemistry</i> , 2001 , 66, 8640-2	4.2	29
108	Antineoplastic agents. 450. Synthesis of (+)-pancratistatin from (+)-narciclasine as relay(1a). <i>Journal of Organic Chemistry</i> , 2001 , 66, 2583-7	4.2	79
107	Synthesis of (7S,15S)- and (7R,15S)-dolatrienoic acid. <i>Journal of Natural Products</i> , 2001 , 64, 472-9	4.9	16
106	Synthesis of phakellistatin 11: a micronesia (Chuuk) marine sponge cyclooctapeptide. <i>Journal of Natural Products</i> , 2001 , 64, 883-91	4.9	27
105	Synthesis and biological evaluation of aryl azide derivatives of combretastatin A-4 as molecular probes for tubulin. <i>Bioorganic and Medicinal Chemistry</i> , 2000 , 8, 2417-25	3.4	68
104	Antineoplastic agents. 443. Synthesis of the cancer cell growth inhibitor hydroxyphenstatin and its sodium diphosphate prodrug. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 2731-7	8.3	97
103	SEPARATION OF THE BRYOSTATIN DERIVATIVES BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2000 , 23, 399-409	1.3	1
102	Isolation and structures of schleicherastatins 1-7 and schleicheols 1 and 2 from the teak forest medicinal tree <i>Schleichera oleosa</i> . <i>Journal of Natural Products</i> , 2000 , 63, 72-8	4.9	47
101	Antineoplastic agents 430. Isolation and structure of cribrostatins 3, 4, and 5 from the republic of maldives cribrochalina species. <i>Journal of Natural Products</i> , 2000 , 63, 793-8	4.9	93
100	Synthesis of the marine sponge cycloheptapeptide phakellistatin 5(1). <i>Journal of Natural Products</i> , 2000 , 63, 22-8	4.9	31
99	Antineoplastic agents. Part 409: Isolation and structure of montanastatin from a terrestrial actinomycete. <i>Bioorganic and Medicinal Chemistry</i> , 1999 , 7, 895-9	3.4	22
98	Positron emission tomography of murine liver metastases and the effects of treatment by combretastatin A-4. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1999 , 26, 231-8	8.8	22
97	Antineoplastic agents. 400. Synthesis of the Indian Ocean marine sponge cyclic heptapeptide phakellistatin 2. <i>Journal of Natural Products</i> , 1999 , 62, 409-14	4.9	28
96	Antineoplastic agents. 410. Asymmetric hydroxylation of trans-combretastatin A-4. <i>Journal of Medicinal Chemistry</i> , 1999 , 42, 1459-65	8.3	66
95	Treatment of human prostate cancer cells with dolastatin 10, a peptide isolated from a marine shell-less mollusc. <i>Prostate</i> , 1998 , 34, 175-81	4.2	29
94	Antineoplastic agents. 397: Isolation and structure of sesterstatins 4 and 5 from <i>Hyrtios erecta</i> (the Republic of Maldives). <i>Bioorganic and Medicinal Chemistry Letters</i> , 1998 , 8, 2093-8	2.9	37

93	Antineoplastic agents. 398. Isolation and structure elucidation of cephalostatins 18 and 19. <i>Journal of Natural Products</i> , 1998 , 61, 955-8	4.9	48
92	Antineoplastic agents. 386. Isolation of sesterstatins 1-3 from the marine sponge <i>Hirtios erecta</i> . <i>Journal of Natural Products</i> , 1998 , 61, 13-6	4.9	36
91	Antineoplastic agents. 379. Synthesis of phenstatin phosphate. <i>Journal of Medicinal Chemistry</i> , 1998 , 41, 1688-95	8.3	211
90	Antineoplastic Agents 385. The Isolation and Structure of a Scalarane-Type Sesterterpene from the Indian Ocean Porifera <i>Hirtios erecta</i> . <i>Collection of Czechoslovak Chemical Communications</i> , 1998 , 63, 1671-1677		20
89	Specific activities of dolastatin 10 and peptide derivatives against <i>Cryptococcus neoformans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 1998 , 42, 2961-5	5.9	33
88	Isolation and Structure of Dolastatin 17. <i>Heterocycles</i> , 1998 , 47, 491	0.8	30
87	Crystal Conformation of the Cyclic Decapeptide Phakellistatin 8: Comparison with Antamanide. <i>Journal of the American Chemical Society</i> , 1997 , 119, 6962-6973	16.4	19
86	Isolation and structure of the human cancer cell growth inhibitory cyclodepsipeptide dolastatin 16. <i>Journal of Natural Products</i> , 1997 , 60, 752-4	4.9	50
85	Dolastatins. 26. Synthesis and Stereochemistry of Dolastatin 111a. <i>Journal of the American Chemical Society</i> , 1997 , 119, 2111-2113	16.4	41
84	Antineoplastic agents 370. Isolation and structure of dolastatin 18. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1997 , 7, 827-832	2.9	24
83	The Dolastatins; 18: Stereospecific Synthesis of Dolaproine. <i>Synthesis</i> , 1996 , 1996, 719-725	2.9	20
82	Synthesis of the Marine Sponge Cycloheptapeptide Stylopeptide 11. <i>Journal of Organic Chemistry</i> , 1996 , 61, 2322-2325	4.2	30
81	Isolation and structure of hemibastadinols 1-3 from the Papua New Guinea marine sponge <i>Ianthella basta</i> . <i>Journal of Natural Products</i> , 1996 , 59, 927-34	4.9	35
80	Progress in the discovery of biosynthetic anticancer drugs. <i>Journal of Natural Products</i> , 1996 , 59, 812-21	4.9	128
79	Antineoplastic agents 338. The cancer cell growth inhibitory. Constituents of <i>Terminalia arjuna</i> (Combretaceae). <i>Journal of Ethnopharmacology</i> , 1996 , 53, 57-63	5	100
78	Dolastatins 24: synthesis of (±)dolastatin 10. X-Ray molecular structure of N,N-dimethylvalyl-valyl-dolaisoleuine tert-butyl ester. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1996 , 859-863		22
77	Antitumour evaluation of dolastatins 10 and 15 and their measurement in plasma by radioimmunoassay. <i>Cancer Chemotherapy and Pharmacology</i> , 1996 , 38, 225-32	3.5	51
76	Isolation and structure of the human cancer cell growth inhibitory cyclic decapeptides phakellistatins 7, 8 and 91,2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1995 , 5, 1339-1344	2.9	25

75	Isolation and Crystal Structure of Stylopeptide 1, A New Marine Porifera Cycloheptapeptide. <i>Journal of Organic Chemistry</i> , 1995 , 60, 8257-8261	4.2	45
74	Antineoplastic agents, 325. Isolation and structure of the human cancer cell growth inhibitory cyclic octapeptides phakellistatin 10 and 11 from <i>Phakellia</i> sp. <i>Journal of Natural Products</i> , 1995 , 58, 961-5	4.9	51
73	Antineoplastic agents. 291. Isolation and synthesis of combretastatins A-4, A-5, and A-6(1a). <i>Journal of Medicinal Chemistry</i> , 1995 , 38, 1666-72	8.3	329
72	The Isolation and Structure Elucidation of Debromoaxinohydantoin. <i>Liebigs Annalen</i> , 1995 , 1995, 715-716		11
71	Interaction of three sponge-derived macrocyclic lactone polyethers (spongistatin 3, halistatins 1 and 2) with tubulin. <i>Drug Development Research</i> , 1995 , 35, 40-48	5.1	17
70	Isolation and structure of the exceptional Pterobranchia human cancer inhibitors cephalostatins 16 and 171. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1995 , 5, 2027-2032	2.9	39
69	Isolation and structure of the symmetrical disteroidal alkaloids cephalostatin 12 and cephalostatin 13. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1994 , 4, 1507-1512	2.9	25
68	Antineoplastic agents 323. Isolation and structure of phakellistatin 6 from a Chuuk archipelago marine sponge. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1994 , 4, 2677-2682	2.9	20
67	Isolation and structure of axinastatin 5 from a republic of comoros marine sponge. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1994 , 4, 2935-2940	2.9	27
66	The Dolastatins. 17. Synthesis of Dolaproine and Related Diastereoisomers. <i>Journal of Organic Chemistry</i> , 1994 , 59, 6287-6295	4.2	59
65	Antineoplastic agents 285. Isolation and structures of cephalostatins 14 and 15. <i>Canadian Journal of Chemistry</i> , 1994 , 72, 2260-2267	0.9	34
64	Antineoplastic Agents. 277. Isolation and Structure of Phakellistatin 3 and Isophakellistatin 3 from a Republic of Comoros Marine Sponge. <i>Journal of Organic Chemistry</i> , 1994 , 59, 1593-1595	4.2	55
63	Antineoplastic agents. 278. Isolation and structure of axinastatins 2 and 3 from a western Caroline Island marine sponge. <i>Journal of Medicinal Chemistry</i> , 1994 , 37, 1165-8	8.3	51
62	The Dolastatins. 21. Synthesis, X-ray Crystal Structure, and Molecular Modeling of (6R)-Isodolastatin 10. <i>Journal of Organic Chemistry</i> , 1994 , 59, 6127-6130	4.2	16
61	Isolation and structure of cephalostatins 10 and 11. <i>Journal of Natural Products</i> , 1994 , 57, 52-63	4.9	40
60	Antineoplastic agents. 257. Isolation and structure of spongistatin 1. <i>Journal of Organic Chemistry</i> , 1993 , 58, 1302-1304	4.2	261
59	Isolation and structure of the marine sponge cell growth inhibitory cyclic peptide phakellistatin 1. <i>Journal of Natural Products</i> , 1993 , 56, 260-7	4.9	64
58	: Isolation and structure of halistatin 1 from the eastern Indian Ocean marine sponge <i>Phakellia carteri</i> . <i>Journal of Organic Chemistry</i> , 1993 , 58, 2538-2543	4.2	97

57	Antineoplastic agents, 256. Cell growth inhibitory isocarbostryrils from <i>Hymenocallis</i> . <i>Journal of Natural Products</i> , 1993 , 56, 1682-7	4.9	113
56	Antineoplastic Agents 293. The Exceptional Human Cancer Cell Growth Inhibitors Spongistatins 6 and 7. <i>Natural Product Research</i> , 1993 , 3, 239-244		49
55	Isolation of dolastatins 1015 from the marine mollusc. <i>Tetrahedron</i> , 1993 , 49, 9151-9170	2.4	132
54	Isolation and structure of phakellistatin 2 from the eastern indian ocean marine sponge phakellia carteri. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1993 , 3, 2869-2874	2.9	38
53	Cytostatic Effects of Dolastatin 10 and Dolastatin 15 on Human Leukemia Cell Lines. <i>Leukemia and Lymphoma</i> , 1992 , 6, 245-250	1.9	14
52	Antiviral (RNA) activity of selected Amaryllidaceae isoquinoline constituents and synthesis of related substances. <i>Journal of Natural Products</i> , 1992 , 55, 1569-81	4.9	202
51	Antineoplastic agents. 214. Isolation and structure of cephalostatins 7-9. <i>Journal of Organic Chemistry</i> , 1992 , 57, 429-431	4.2	42
50	Bistratene A: a novel compound causing changes in protein phosphorylation patterns in human leukemia cells. <i>Journal of Cellular Biochemistry</i> , 1992 , 49, 417-24	4.7	12
49	Activity of Selected Amaryllidaceae Constituents and Related Synthetic Substances Against Medically Important RNA Viruses 1992 , 121-135		13
48	Antineoplastic agents. 224. Isolation and structure of neristatin 1. <i>Journal of the American Chemical Society</i> , 1991 , 113, 6693-6695	16.4	25
47	Optimization of Solvent Mixture Compositions for High Speed Countercurrent Distribution. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1991 , 14, 1149-1160		2
46	Isolation and structure of the cell growth inhibitory constituents from the western Pacific marine sponge <i>Axinella</i> sp. <i>Journal of Medicinal Chemistry</i> , 1991 , 34, 3339-40	8.3	167
45	Analysis of the amino acid sequence of peptides by mass spectrometry. An ion notation proposal. <i>International Journal of Peptide and Protein Research</i> , 1990 , 36, 331-4		10
44	Synergistic action of calcium ionophore A23187 and protein kinase C activator bryostatin 1 on human B cell activation and proliferation. <i>European Journal of Immunology</i> , 1990 , 20, 119-27	6.1	24
43	Conversion of high grade lymphoma tumor cell line to intermediate grade with TPA and bryostatin 1 as determined by polypeptide analysis on 2D gel electrophoresis. <i>Hematological Oncology</i> , 1990 , 8, 81-9	1.3	16
42	Differential expression of TRAP Isoenzyme in B-CLL Cells Treated with Different Inducers. <i>Leukemia and Lymphoma</i> , 1990 , 3, 19-29	1.9	5
41	Efficient Separation of Dolaproine Stereoisomers by Optimization of a Three Component Chromatographic Solvent System. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1990 , 13, 3915-3923		2
40	Antineoplastic agents, 162. <i>Zephyranthes candida</i> . <i>Journal of Natural Products</i> , 1990 , 53, 176-8	4.9	68

39	Antineoplastic agents. 206. Structure of the cytostatic macrocyclic lactone combretastatin D-2. <i>Journal of Organic Chemistry</i> , 1990 , 55, 2797-2800	4.2	57
38	Antineoplastic agents. 168. Isolation and structure of axinohydantoin. <i>Canadian Journal of Chemistry</i> , 1990 , 68, 1621-1624	0.9	41
37	Antimitotic natural products combretastatin A-4 and combretastatin A-2: studies on the mechanism of their inhibition of the binding of colchicine to tubulin. <i>Biochemistry</i> , 1989 , 28, 6984-91	3.2	394
36	Antineoplastic agents. Part 189. The absolute configuration and synthesis of natural (-)-dolastatin 10. <i>Journal of the American Chemical Society</i> , 1989 , 111, 5463-5465	16.4	155
35	Isolation and structure of the cytostatic linear depsipeptide dolastatin 15. <i>Journal of Organic Chemistry</i> , 1989 , 54, 6005-6006	4.2	140
34	Isolation and structure of the unusual Indian Ocean <i>Cephalodiscus gilchristi</i> components, cephalostatins 5 and 6. <i>Canadian Journal of Chemistry</i> , 1989 , 67, 1509-1513	0.9	43
33	Isolation and Structure of Rollinisation 2: A New Cell Growth Inhibitory Acetogenin from <i>Rollinia mucosa</i> . <i>Heterocycles</i> , 1989 , 28, 213	0.8	38
32	Antineoplastic agents. 147. Isolation and structure of the powerful cell growth inhibitor cephalostatin 1. <i>Journal of the American Chemical Society</i> , 1988 , 110, 2006-2007	16.4	139
31	Antineoplastic agents. 160. Isolation and structure of combretastatin D-1: a cell growth inhibitory macrocyclic lactone from <i>Combretum caffrum</i> . <i>Journal of the American Chemical Society</i> , 1988 , 110, 8539-8540	16.4	40
30	Isolation and structure of the hemichordate cell growth inhibitors cephalostatins 2, 3, and 4. <i>Journal of the Chemical Society Chemical Communications</i> , 1988 , 865		28
29	Synthesis of (±)-Isocombretastatins A-C. <i>Synthetic Communications</i> , 1987 , 17, 877-892	1.7	19
28	Isolation, structure, and synthesis of combretastatins A-1 and B-1, potent new inhibitors of microtubule assembly, derived from <i>Combretum caffrum</i> . <i>Journal of Natural Products</i> , 1987 , 50, 119-31	4.9	276
27	The isolation and structure of a remarkable marine animal antineoplastic constituent: dolastatin 10. <i>Journal of the American Chemical Society</i> , 1987 , 109, 6883-6885	16.4	484
26	Isolation, structure, and synthesis of combretastatin A-2, A-3, and B-2. <i>Canadian Journal of Chemistry</i> , 1987 , 65, 2390-2396	0.9	79
25	Antineoplastic agents, 120. <i>Pancratium littorale</i> . <i>Journal of Natural Products</i> , 1986 , 49, 995-1002	4.9	163
24	Antineoplastic agents. 113. Synthesis of natural (-)-combretastatin. <i>Journal of Organic Chemistry</i> , 1985 , 50, 3404-3406	4.2	47
23	Antineoplastic agents, 105. <i>Zephyranthes grandiflora</i> . <i>Journal of Natural Products</i> , 1984 , 47, 1018-20	4.9	91
22	Antineoplastic agents, 99. <i>Amaryllis belladonna</i> . <i>Journal of Natural Products</i> , 1984 , 47, 796-801	4.9	67

21	Isolation and structure of pancratistatin. <i>Journal of the Chemical Society Chemical Communications</i> , 1984 , 1693		91
20	Isolation and structure of combretastatin. <i>Canadian Journal of Chemistry</i> , 1982 , 60, 1374-1376	0.9	194
19	Antineoplastic agents. 3. Structure of the cyclic peptide dolastatin 3 from <i>Dolabella auricularia</i> . <i>Journal of the American Chemical Society</i> , 1982 , 104, 905-907	16.4	75
18	Isolation and structure of bryostatin 1. <i>Journal of the American Chemical Society</i> , 1982 , 104, 6846-6848	16.4	601
17	Marine animal biosynthetic constituents for cancer chemotherapy. <i>Journal of Natural Products</i> , 1981 , 44, 482-5	4.9	74
16	Synthesis of a Spirovetivane Synthone 1. <i>Synthetic Communications</i> , 1981 , 11, 167-177	1.7	1
15	Synthesis of N-Methylene-N,N-Bis(2-Chloroethyl) Ammonium Hexachlorostannate. <i>Synthetic Communications</i> , 1981 , 11, 179-184	1.7	1
14	Preparation of elastothiomers with a phase transfer catalyst. <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , 1980 , 18, 345-347		3
13	Selective Methylation of Nucleosides 1. <i>Synthetic Communications</i> , 1980 , 10, 25-35	1.7	5
12	Structural biochemistry. 17. Synthesis of tryptophan dipeptides. <i>International Journal of Peptide and Protein Research</i> , 1979 , 14, 193-8		3
11	Structural Biochemistry 14. Permethylation of Nucleosides. <i>Synthetic Communications</i> , 1977 , 7, 449-456	1.7	3
10	High resolution mass spectrometry. Bufadienolides I. <i>Organic Mass Spectrometry</i> , 1972 , 6, 47-74		11
9	High resolution mass spectrometry. Bufadienolides II. <i>Organic Mass Spectrometry</i> , 1972 , 6, 613-646		8
8	6,7-DIMETHOXYCARBOSTYRIL. <i>Organic Preparations and Procedures International</i> , 1971 , 3, 93-95	1.1	2
7	Field ionization mass spectrometry III: Cardenolides. <i>Organic Mass Spectrometry</i> , 1971 , 5, 573-597		56
6	Antineoplastic components of marine animals. <i>Nature</i> , 1970 , 227, 962-3	50.4	149
5	Field ionization mass spectrometry II: Benzylloxycarbonyl and t-butyloxycarbonyl derivatives of some simple peptides. <i>Organic Mass Spectrometry</i> , 1970 , 3, 67-83		11
4	Field ionization mass spectrometry I: Nucleosides. <i>Organic Mass Spectrometry</i> , 1969 , 2, 521-531		41

3	Structural biochemistry. VI. Synthesis of 2 [?] -(l-prolyl-l-prolyl)emetine. <i>Canadian Journal of Chemistry</i> , 1967 , 45, 1600-1604	0.9	16
2	Synthesis of 2 [?] -(N [?] -bis(2-chloroethyl)glycyltryptophyl)emetine and related peptides. <i>Canadian Journal of Chemistry</i> , 1967 , 45, 1561-1566	0.9	8
1	Steroids and Related Natural Products. VI. The Structure of β -Apoallobetulin ^{1,2} . <i>Journal of Organic Chemistry</i> , 1961 , 26, 2879-2883	4.2	17