John A Porco Jr

List of Publications by Year in descending order

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144 papers	10,309 citations	34105 52 h-index	37204 96 g-index
156 all docs	156 docs citations	156 times ranked	9829 citing authors

#	Article	IF	Citations
1	Dearomatization Strategies in the Synthesis of Complex Natural Products. Angewandte Chemie - International Edition, 2011, 50, 4068-4093.	13.8	1,082
2	Photochemical Approaches to Complex Chemotypes: Applications in Natural Product Synthesis. Chemical Reviews, 2016, 116, 9683-9747.	47.7	792
3	RNA G-quadruplexes cause eIF4A-dependent oncogene translation in cancer. Nature, 2014, 513, 65-70.	27.8	506
4	How proteins bind macrocycles. Nature Chemical Biology, 2014, 10, 723-731.	8.0	329
5	Therapeutic suppression of translation initiation modulates chemosensitivity in a mouse lymphoma model. Journal of Clinical Investigation, 2008, 118, 2651-60.	8.2	272
6	Antitumor Activity and Mechanism of Action of the Cyclopenta[b]benzofuran, Silvestrol. PLoS ONE, 2009, 4, e5223.	2.5	255
7	Tight Coordination of Protein Translation and HSF1 Activation Supports the Anabolic Malignant State. Science, 2013, 341, 1238303.	12.6	234
8	Synthesis of Enamides Related to the Salicylate Antitumor Macrolides Using Copper-Mediated Vinylic Substitution. Organic Letters, 2000, 2, 1333-1336.	4.6	213
9	Catalytic Esterâ˜'Amide Exchange Using Group (IV) Metal Alkoxideâ˜'Activator Complexes. Journal of the American Chemical Society, 2005, 127, 10039-10044.	13.7	164
10	Synthesis of the Azaphilones Using Copper-Mediated Enantioselective Oxidative Dearomatization. Journal of the American Chemical Society, 2005, 127, 9342-9343.	13.7	151
11	Total Synthesis of the Quinone Epoxide Dimer (+)-Torreyanic Acid:Â Application of a Biomimetic Oxidation/Electrocyclization/Dielsâ˜'Alder Dimerization Cascade1. Journal of the American Chemical Society, 2003, 125, 5095-5106.	13.7	146
12	An Approach to Skeletal Diversity Using Functional Group Pairing of Multifunctional Scaffolds. Organic Letters, 2007, 9, 2123-2126.	4.6	145
13	Enantioselective Synthesis of Bicyclo[2.2.2]octenones Using a Copper-Mediated Oxidative Dearomatization/[4 + 2] Dimerization Cascade. Journal of the American Chemical Society, 2008, 130, 2738-2739.	13.7	141
14	Enantioselective Photocycloaddition Mediated by Chiral BrÃ¸nsted Acids:Â Asymmetric Synthesis of the Rocaglamides. Journal of the American Chemical Society, 2006, 128, 7754-7755.	13.7	133
15	Silver Nanoparticle-Catalyzed Dielsâ˜'Alder Cycloadditions of 2â€²-Hydroxychalcones. Journal of the American Chemical Society, 2010, 132, 7514-7518.	13.7	131
16	Rapid Access to Polyprenylated Phloroglucinols via Alkylative Dearomatizationâ˜'Annulation:â€‰ Total Synthesis of (Â±)-Clusianone. Journal of the American Chemical Society, 2007, 129, 12682-12683.	13.7	120
17	Catalytic Enantioselective Alkylative Dearomatizationâ˜'Annulation: Total Synthesis and Absolute Configuration Assignment of Hyperibone K. Journal of the American Chemical Society, 2010, 132, 13642-13644.	13.7	120
18	A Biomimetic Approach to the Rocaglamides Employing Photogeneration of Oxidopyryliums Derived from 3-Hydroxyflavones. Journal of the American Chemical Society, 2004, 126, 13620-13621.	13.7	118

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19	Chemical Synthesis of Complex Molecules Using Nanoparticle Catalysis. ACS Catalysis, 2012, 2, 65-70.	11.2	117
20	Enantioselective Synthesis of the Complex Rocaglate (â˜')â€šilvestrol. Angewandte Chemie - International Edition, 2007, 46, 7831-7834.	13.8	108
21	Evidence for a Functionally Relevant Rocaglamide Binding Site on the eIF4Aâ€"RNA Complex. ACS Chemical Biology, 2013, 8, 1519-1527.	3.4	102
22	Total Synthesis of (Â±)-Torreyanic Acid. Journal of the American Chemical Society, 2000, 122, 10484-10485.	13.7	101
23	Stereoselective Synthesis of Spirocyclic Oxindoles via Prins Cyclizations. Organic Letters, 2009, 11, 3362-3365.	4.6	92
24	Vinylogous Addition of Siloxyfurans to Benzopyryliums: A Concise Approach to the Tetrahydroxanthone Natural Products. Journal of the American Chemical Society, 2011, 133, 1714-1717.	13.7	90
25	Total Synthesis of the Diazobenzofluorene Antibiotic (â˜')-Kinamycin C1. Journal of the American Chemical Society, 2006, 128, 14790-14791.	13.7	87
26	Polycyclic xanthone natural products: structure, biological activity and chemical synthesis. Natural Product Reports, 2013, 30, 382.	10.3	85
27	Structural basis for species-selective targeting of Hsp90 in a pathogenic fungus. Nature Communications, 2019, 10, 402.	12.8	85
28	Synthesis of Rocaglamide Hydroxamates and Related Compounds as Eukaryotic Translation Inhibitors: Synthetic and Biological Studies. Journal of Medicinal Chemistry, 2012, 55, 558-562.	6.4	83
29	Total Synthesis and Absolute Stereochemical Assignment of Kibdelone C. Journal of the American Chemical Society, 2011, 133, 9952-9955.	13.7	82
30	CRISPR-Mediated Drug-Target Validation Reveals Selective Pharmacological Inhibition of the RNA Helicase, eIF4A. Cell Reports, 2016, 15, 2340-2347.	6.4	81
31	Targeting Synthetic Lethal Interactions between Myc and the eIF4F Complex Impedes Tumorigenesis. Cell Reports, 2012, 1, 325-333.	6.4	79
32	Atropselective syntheses of (â˜') and (+) rugulotrosin A utilizing point-to-axial chirality transfer. Nature Chemistry, 2015, 7, 234-240.	13.6	79
33	Inhibition of transcription factor NF-ÎºB signaling proteins IKKÎ² and p65 through specific cysteine residues by epoxyquinone A monomer: Correlation with its anti-cancer cell growth activity. Biochemical Pharmacology, 2006, 71, 634-645.	4.4	78
34	Total Synthesis and Structure Assignment of (+)-Hexacyclinol. Angewandte Chemie - International Edition, 2006, 45, 5790-5792.	13.8	75
35	Total Synthesis of Plukenetione A. Journal of the American Chemical Society, 2010, 132, 14212-14215.	13.7	73
36	Chemistry and Biology of Rocaglamides (= Flavaglines) and Related Derivatives from Aglaia Species (Meliaceae). Progress in the Chemistry of Organic Natural Products, 2011, 94, 1-58.	1.1	73

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37	Angiogenesis Inhibitor Epoxyquinol A:â€‰ Total Synthesis and Inhibition of Transcription Factor NF-ÎºB. Organic Letters, 2002, 4, 3267-3270.	4.6	72
38	Rapid Synthesis of Polyprenylated Acylphloroglucinol Analogs via Dearomative Conjunctive Allylic Annulation. Journal of the American Chemical Society, 2014, 136, 11799-11804.	13.7	70
39	Asymmetric Syntheses of (â^')-Mitorubrin and Related Azaphilone Natural Products. Organic Letters, 2006, 8, 5169-5171.	4.6	68
40	Thiourea-Catalyzed Enantioselective Addition of Indoles to Pyrones: Alkaloid Cores with Quaternary Carbons. Journal of the American Chemical Society, 2014, 136, 13614-13617.	13.7	67
41	Enantioselective Synthesis of (+)â€Chamaecypanoneâ€…C: A Novel Microtubule Inhibitor. Angewandte Chemie - International Edition, 2009, 48, 1494-1497.	13.8	65
42	Asymmetric, Stereodivergent Synthesis of (â^')â€Clusianone Utilizing a Biomimetic Cationic Cyclization. Angewandte Chemie - International Edition, 2014, 53, 7832-7837.	13.8	64
43	eIF4A supports an oncogenic translation program in pancreatic ductal adenocarcinoma. Nature Communications, 2019, 10, 5151.	12.8	64
44	Biomimetic Photocycloaddition of 3â€Hydroxyflavones: Synthesis and Evaluation of Rocaglate Derivatives as Inhibitors of Eukaryotic Translation. Angewandte Chemie - International Edition, 2010, 49, 6533-6538.	13.8	62
45	Total Syntheses of Secalonic Acidsâ€…A and D. Angewandte Chemie - International Edition, 2014, 53, 3107-3110.	13.8	62
46	Total Synthesis of the Ubiquitin-Activating Enzyme Inhibitor (+)-Panepophenanthrin. Angewandte Chemie - International Edition, 2003, 42, 3913-3917.	13.8	61
47	Biomimetic Dehydrogenative Dielsâ€“Alder Cycloadditions: Total Syntheses of Brosimonesâ€…A and B. Angewandte Chemie - International Edition, 2013, 52, 8345-8348.	13.8	59
48	Development of a Potent and Selective HDAC8 Inhibitor. ACS Medicinal Chemistry Letters, 2016, 7, 929-932.	2.8	59
49	Stereochemical Diversity through Cyclodimerization:â€‰ Synthesis of Polyketide-like Macrodiolides. Organic Letters, 2003, 5, 2149-2152.	4.6	58
50	Manganese(III)-Mediated Transformations of Phloroglucinols: A Formal Oxidative [4 + 2] Cycloaddition Leading to Bicyclo[2.2.2]octadiones. Organic Letters, 2009, 11, 2285-2288.	4.6	56
51	Synergistic effect of inhibiting translation initiation in combination with cytotoxic agents in acute myelogenous leukemia cells. Leukemia Research, 2010, 34, 535-541.	0.8	55
52	Asymmetric Syntheses of the Flavonoid Dielsâ€“Alder Natural Products Sanggenons C and O. Journal of the American Chemical Society, 2016, 138, 798-801.	13.7	54
53	Synthesis and Biological Evaluation of ABCD Ring Fragments of the Kibdelones. Angewandte Chemie - International Edition, 2011, 50, 2511-2515.	13.8	53
54	Inhibiting the oncogenic translation program is an effective therapeutic strategy in multiple myeloma. Science Translational Medicine, 2017, 9, .	12.4	53

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55	Heat Shock Factor 1-dependent extracellular matrix remodeling mediates the transition from chronic intestinal inflammation to colon cancer. Nature Communications, 2020, 11, 6245.	12.8	51
56	Translation initiation factor eIF4F modifies the dexamethasone response in multiple myeloma. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13421-13426.	7.1	49
57	A Novel Class of Small Molecule Compounds that Inhibit Hepatitis C Virus Infection by Targeting the Prohibitin-CRaf Pathway. EBioMedicine, 2015, 2, 1600-1606.	6.1	49
58	An oxindole efflux inhibitor potentiates azoles and impairs virulence in the fungal pathogen Candida auris. Nature Communications, 2020, 11, 6429.	12.8	49
59	Rocaglates Induce Gain-of-Function Alterations to eIF4A and eIF4F. Cell Reports, 2020, 30, 2481-2488.e5.	6.4	48
60	Enantioselective Total Synthesis and Biological Evaluation of (+)-Kibdelone A and a Tetrahydroxanthone Analogue. Journal of Organic Chemistry, 2013, 78, 7617-7626.	3.2	45
61	Amidino-Rocaglates: A Potent Class of eIF4A Inhibitors. Cell Chemical Biology, 2019, 26, 1586-1593.e3.	5.2	45
62	Isolation and Synthesis of Novel Meroterpenoids from Rhodomyrtus tomentosa: Investigation of a Reactive Enetrione Intermediate. Angewandte Chemie - International Edition, 2019, 58, 4291-4296.	13.8	44
63	Enantioselective Photocycloaddition of 3-Hydroxyflavones: Total Syntheses and Absolute Configuration Assignments of (+)-Ponapensin and (+)-Elliptifoline. Journal of the American Chemical Society, 2012, 134, 13108-13113.	13.7	43
64	Biomimetic Kinetic Resolution: Highly Enantio- and Diastereoselective Transfer Hydrogenation of Aglain Ketones To Access Flavagline Natural Products. Journal of the American Chemical Society, 2015, 137, 525-530.	13.7	43
65	Regiodivergent Photocyclization of Dearomatized Acylphloroglucinols: Asymmetric Syntheses of (â^')-Nemorosone and (â^')-6-epi-Garcimultiflorone A. Journal of the American Chemical Society, 2019, 141, 11315-11321.	13.7	43
66	Synthesis of a Library of Complex Macrodiolides Employing Cyclodimerization of Hydroxy Esters. ACS Combinatorial Science, 2005, 7, 673-681.	3.3	42
67	Discovery of new antimalarial chemotypes through chemical methodology and library development. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6775-6780.	7.1	42
68	Studies Toward the Synthesis of (â^')-Zampanolide:â€‰ Preparation ofN-Acyl Hemiaminal Model Systems. Organic Letters, 2002, 4, 991-994.	4.6	41
69	Electron Transfer-Initiated Dielsâ^'Alder Cycloadditions of 2â€²-Hydroxychalcones. Journal of the American Chemical Society, 2008, 130, 9214-9215.	13.7	41
70	Tandem Processes Identified from Reaction Screening: Nucleophilic Addition to Aryl N-Phosphinylimines Employing La(III)-TFAA Activation. Journal of the American Chemical Society, 2010, 132, 6412-6418.	13.7	41
71	Total Synthesis and Stereochemical Assignment of the Spiroisoxazoline Natural Product (+)-Calafianin1. Organic Letters, 2006, 8, 927-930.	4.6	39
72	Total Synthesis and Stereochemical Assignment of (Â±)-Sorbiterrin A. Journal of the American Chemical Society, 2014, 136, 3374-3377.	13.7	39

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73	Syntheses of Dimeric Tetrahydroxanthones with Varied Linkages: Investigation of â€œShapeshiftingâ€• Properties. Journal of the American Chemical Society, 2015, 137, 15225-15233.	13.7	39
74	Eucalyptusdimers Aâ€“C, Dimeric Phloroglucinolâ€“Phellandrene Meroterpenoids from Eucalyptus robusta. Organic Letters, 2018, 20, 5066-5070.	4.6	39
75	Tandem Dienone Photorearrangementâ€“Cycloaddition for the Rapid Generation of Molecular Complexity. Journal of the American Chemical Society, 2013, 135, 17978-17982.	13.7	38
76	Remodeling Natural Products: Chemistry and Serine Hydrolase Activity of a Rocaglate-Derived Î²-Lactone. Journal of the American Chemical Society, 2014, 136, 2659-2664.	13.7	37
77	The Development of a Chromatography-Free Mitsunobu Reaction:â€‰ Synthesis and Applications of an Anthracene-Tagged Phosphine Reagent. ACS Combinatorial Science, 2003, 5, 660-669.	3.3	36
78	Multidimensional Reaction Screening for Photochemical Transformations as a Tool for Discovering New Chemotypes. Journal of Organic Chemistry, 2014, 79, 3838-3846.	3.2	34
79	Divergent Total Syntheses of Rhodomyrtosones A and B. Journal of Organic Chemistry, 2015, 80, 9584-9591.	3.2	34
80	Synthesis of Azaâ€Rocaglates via ESIPTâ€Mediated (3+2) Photocycloaddition. Chemistry - A European Journal, 2016, 22, 12006-12010.	3.3	34
81	Synthesis of Chamaecypanone C Analogues from in Situ-Generated Cyclopentadienones and Their Biological Evaluation. Journal of the American Chemical Society, 2012, 134, 19782-19787.	13.7	33
82	Syntheses of (+)-30-epi-, (â^')-6-epi-, (Â±)-6,30-epi-13,14-Didehydroxyisogarcinol and (Â±)-6,30-epi-Garcimultiflorone A Utilizing Highly Diastereoselective, Lewis Acid-Controlled Cyclizations. Journal of the American Chemical Society, 2016, 138, 14789-14797.	13.7	33
83	High-throughput Screening in Larval Zebrafish Identifies Novel Potent Sedative-hypnotics. Anesthesiology, 2018, 129, 459-476.	2.5	33
84	Total Synthesis of (Â±)-7-epi-Nemorosone. Organic Letters, 2012, 14, 1796-1799.	4.6	32
85	Asymmetric Synthesis of Gonytolide A: Strategic Use of an Aryl Halide Blocking Group for Oxidative Coupling. Journal of the American Chemical Society, 2018, 140, 5969-5975.	13.7	32
86	Canvass: A Crowd-Sourced, Natural-Product Screening Library for Exploring Biological Space. ACS Central Science, 2018, 4, 1727-1741.	11.3	32
87	Convergent Synthesis of Complex Diketopiperazines Derived from Pipecolic Acid Scaffolds and Parallel Screening against GPCR Targets. Journal of Organic Chemistry, 2006, 71, 8934-8945.	3.2	31
88	Studies toward the Synthesis of (â^')â€Zampanolide: Preparation of the Macrocyclic Core. Advanced Synthesis and Catalysis, 2008, 350, 1701-1711.	4.3	31
89	Total Synthesis of (Â±)-Sorocenol B Employing Nanoparticle Catalysis. Organic Letters, 2012, 14, 2516-2519.	4.6	30
90	Microwave-Based Reaction Screening: Tandem Retro-Dielsâ€“Alder/Dielsâ€“Alder Cycloadditions ofo-Quinol Dimers. Journal of Organic Chemistry, 2011, 76, 8944-8954.	3.2	29

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91	Development of an Alkaloidâ€“Pyrone Annulation: Synthesis of Pleiomaltinine. Angewandte Chemie - International Edition, 2012, 51, 9348-9351.	13.8	29
92	Exploiting the Potential of Meroterpenoid Cyclases to Expand the Chemical Space of Fungal Meroterpenoids. Angewandte Chemie - International Edition, 2020, 59, 23772-23781.	13.8	28
93	ESIPT-Mediated Photocycloadditions of 3-Hydroxyquinolinones: Development of a Fluorescence Quenching Assay for Reaction Screening. Organic Letters, 2011, 13, 1346-1349.	4.6	27
94	A photochemical flow reactor for large scale syntheses of aglain and rocaglate natural product analogues. Bioorganic and Medicinal Chemistry, 2017, 25, 6197-6202.	3.0	27
95	Translation Inhibition by Rocaglates Activates a Species-Specific Cell Death Program in the Emerging Fungal Pathogen Candida auris. MBio, 2020, 11, .	4.1	27
96	Total Syntheses of the Isomeric Aglain Natural Products Foveoglinâ€…A and Perviridisinâ€…B: Selective Excitedâ€State Intramolecular Protonâ€Transfer Photocycloaddition. Angewandte Chemie - International Edition, 2017, 56, 14479-14482.	13.8	26
97	Biomimetic Synthesis of Meroterpenoids by Dearomatizationâ€Driven Polycyclization. Angewandte Chemie - International Edition, 2019, 58, 16141-16146.	13.8	26
98	Chemical Synthesis Enables Structural Reengineering of Aglaroxin C Leading to Inhibition Bias for Hepatitis C Viral Infection. Journal of the American Chemical Society, 2019, 141, 1312-1323.	13.7	26
99	Biomimetic Total Synthesis of (Â±)-Griffipavixanthone via a Cationic Cycloadditionâ€“Cyclization Cascade. Journal of the American Chemical Society, 2017, 139, 14053-14056.	13.7	25
100	eIF4A Inhibitors Suppress Cell-Cycle Feedback Response and Acquired Resistance to CDK4/6 Inhibition in Cancer. Molecular Cancer Therapeutics, 2019, 18, 2158-2170.	4.1	25
101	Targeting translation initiation by synthetic rocaglates for treating MYC-driven lymphomas. Leukemia, 2020, 34, 138-150.	7.2	25
102	Reaction Discovery Employing Macrocycles: Transannular Cyclizations of Macrocyclic Bis-lactams. Organic Letters, 2009, 11, 413-416.	4.6	24
103	Asymmetric Total Synthesis of the Epoxykinamycin FLâ€120â€‰Bâ€². Angewandte Chemie - International Edition, 2011, 50, 9722-9726.	13.8	24
104	Rocaglates as dual-targeting agents for experimental cerebral malaria. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2366-E2375.	7.1	24
105	Total Synthesis of Aurofusarin: Studies on the Atropisomeric Stability of Bisâ€Naphthoquinones. Angewandte Chemie - International Edition, 2018, 57, 2101-2104.	13.8	23
106	Intercepted Retro-Nazarov Reaction: Syntheses of Amidino-Rocaglate Derivatives and Their Biological Evaluation as eIF4A Inhibitors. Journal of the American Chemical Society, 2019, 141, 12891-12900.	13.7	23
107	Sensitization of renal carcinoma cells to TRAIL-induced apoptosis by rocaglamide and analogs. Scientific Reports, 2018, 8, 17519.	3.3	21
108	Drug-induced Stress Granule Formation Protects Sensory Hair Cells in Mouse Cochlear Explants During Ototoxicity. Scientific Reports, 2019, 9, 12501.	3.3	20

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109	The synthetic epoxyquinoids jesterone dimer and epoxyquinone A monomer induce apoptosis and inhibit REL (human c-Rel) DNA binding in an IÎºBÎ±-deficient diffuse large B-cell lymphoma cell line. Cancer Letters, 2006, 241, 69-78.	7.2	19
110	Nucleophilic Addition to Nâ€Phosphinylimines by Rareâ€Earthâ€Metal Triflate/Trifluoroacetic Anhydride Activation. Angewandte Chemie - International Edition, 2007, 46, 7470-7472.	13.8	17
111	Studies toward the Synthesis of the Epoxykinamycin FL-120Bâ€²: Discovery of a Decarbonylative Photocyclization. Organic Letters, 2012, 14, 2646-2649.	4.6	17
112	Translation Inhibition by Rocaglates Is Independent of eIF4E Phosphorylation Status. Molecular Cancer Therapeutics, 2016, 15, 136-141.	4.1	17
113	Inhibition of translation initiation factor eIF4a inactivates heat shock factor 1 (HSF1) and exerts anti-leukemia activity in AML. Leukemia, 2021, 35, 2469-2481.	7.2	17
114	Bcl-XL, but not Bcl-2, can protect human B-lymphoma cell lines from parthenolide-induced apoptosis. Cancer Letters, 2012, 318, 53-60.	7.2	15
115	Acylphloroglucinols with acetylcholinesterase inhibitory effects from the fruits of Eucalyptus robusta. Bioorganic Chemistry, 2020, 103, 104127.	4.1	15
116	Fine-tuning of macrophage activation using synthetic rocaglate derivatives. Scientific Reports, 2016, 6, 24409.	3.3	14
117	Asymmetric Synthesis of Griffipavixanthone Employing a Chiral Phosphoric Acid-Catalyzed Cycloaddition. Journal of the American Chemical Society, 2019, 141, 148-153.	13.7	14
118	Channeling macrophage polarization by rocaglates increases macrophage resistance to Mycobacterium tuberculosis. IScience, 2021, 24, 102845.	4.1	14
119	Identification of a novel polyprenylated acylphloroglucinol-derived SIRT1 inhibitor with cancer-specific anti-proliferative and invasion-suppressing activities. International Journal of Oncology, 2014, 45, 2128-2136.	3.3	13
120	Discovery of Macrocyclic Inhibitors of Apurinic/Apyrimidinic Endonuclease 1. Journal of Medicinal Chemistry, 2019, 62, 1971-1988.	6.4	12
121	Synthesis and Multiplexed Activity Profiling of Synthetic Acylphloroglucinol Scaffolds. Angewandte Chemie - International Edition, 2021, 60, 1263-1272.	13.8	11
122	Eukaryotic Translation Initiation Factor 4AI: A Potential Novel Target in Neuroblastoma. Cells, 2021, 10, 301.	4.1	10
123	Unified, Asymmetric Total Synthesis of the Asnovolins and Related Spiromeroterpenoids: A Fragment Coupling Approach. Journal of the American Chemical Society, 2022, 144, 12970-12978.	13.7	10
124	Asymmetric Dearomatization/Cyclization Enables Access to Polycyclic Chemotypes. European Journal of Organic Chemistry, 2016, 2016, 4800-4804.	2.4	9
125	Exploiting the Potential of Meroterpenoid Cyclases to Expand the Chemical Space of Fungal Meroterpenoids. Angewandte Chemie, 2020, 132, 23980-23989.	2.0	9
126	Gold(I)-Mediated Cycloisomerization/Cycloaddition Enables Bioinspired Syntheses of Neonectrolides Bâ€“E and Analogues. Journal of the American Chemical Society, 2019, 141, 15135-15144.	13.7	8

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127	Oxo-aglaiastatin-Mediated Inhibition of Translation Initiation. Scientific Reports, 2019, 9, 1265.	3.3	8
128	Biomimetic Synthesis of Meroterpenoids by Dearomatizationâ€Driven Polycyclization. Angewandte Chemie, 2019, 131, 16287-16292.	2.0	7
129	Small Molecule Amyloid-Î² Protein Precursor Processing Modulators Lower Amyloid-Î² Peptide Levels via cKit Signaling. Journal of Alzheimer's Disease, 2019, 67, 1089-1106.	2.6	6
130	Synthesis undressed. Nature, 2007, 446, 383-385.	27.8	5
131	Isolation and Synthesis of Novel Meroterpenoids from Rhodomyrtus tomentos a: Investigation of a Reactive Enetrione Intermediate. Angewandte Chemie, 2019, 131, 4335-4340.	2.0	5
132	Tracing MYC Expression for Small Molecule Discovery. Cell Chemical Biology, 2019, 26, 699-710.e6.	5.2	5
133	Identification of structurally re-engineered rocaglates as inhibitors against hepatitis E virus replication. Antiviral Research, 2022, 204, 105359.	4.1	4
134	Total Synthesis of Aurofusarin: Studies on the Atropisomeric Stability of Bisâ€Naphthoquinones. Angewandte Chemie, 2018, 130, 2123-2126.	2.0	3
135	A forward genetic screen identifies modifiers of rocaglate responsiveness. Scientific Reports, 2021, 11, 18516.	3.3	3
136	Inhibition of Oncogenic Transcription Factor REL by the Natural Product Derivative Calafianin Monomer 101 Induces Proliferation Arrest and Apoptosis in Human B-Lymphoma Cell Lines. Molecules, 2015, 20, 7474-7494.	3.8	2
137	Total Syntheses of the Isomeric Aglain Natural Products Foveoglinâ€…A and Perviridisinâ€…B: Selective Excitedâ€State Intramolecular Protonâ€Transfer Photocycloaddition. Angewandte Chemie, 2017, 129, 14671-14674.	2.0	2
138	Synthesis and Multiplexed Activity Profiling of Synthetic Acylphloroglucinol Scaffolds. Angewandte Chemie, 2021, 133, 1283-1292.	2.0	2
139	Diastereodivergent Synthesis of Chiral Tetrahydropyrrolodiazepinediones via a One-Pot Intramolecular aza-Michael/Lactamization Sequence. Journal of Organic Chemistry, 2018, 83, 15449-15462.	3.2	1
140	Divergent, Câ€“C Bond Forming Macrocyclizations Using Modular Sulfonylhydrazone and Derived Substrates. Journal of Organic Chemistry, 2021, 86, 16485-16510.	3.2	1
141	Inhibition of the Translation Initiation Factor eIF4A Enhances Tumor Cell Radiosensitivity. Molecular Cancer Therapeutics, 2022, 21, 1406-1414.	4.1	1
142	Recent developments in chemical diversity. Beilstein Journal of Organic Chemistry, 2012, 8, 827-828.	2.2	0
143	Inhibiting Translation as a Novel Strategy to Target Multiple Myeloma. Blood, 2010, 116, 2995-2995.	1.4	0
144	Inactivating Heat Shock Factor 1 (HSF1) in Acute Myeloid Leukemia By Pharmacological Inhibition of eIF4a: A Promising Therapeutic Approach. Blood, 2015, 126, 2548-2548.	1.4	0