Emmanuel A Theodorakis

List of Publications by Year
in descending order

43 papers	1,922 citations	279798 23 h-index	254184 43 g-index
47 all docs	47 docs citations	47 times ranked	2681 citing authors

#	Article	IF	Citations
1	Exploring the Effect of Aliphatic Substituents on Aryl Cyano Amides on Enhancement of Fluorescence upon Binding to Amyloid-Î² Aggregates. ACS Chemical Neuroscience, 2021, 12, 2946-2952.	3.5	2
2	Chiral resolution of a caged xanthone and evaluation across a broad spectrum of breast cancer subtypes. Bioorganic Chemistry, 2019, 93, 103303.	4.1	7
3	Marine Spirotetronates: Biosynthetic Edifices That Inspire Drug Discovery. Marine Drugs, 2019, 17, 232.	4.6	19
4	Synthesis, structure-activity relationship and inÂvitro pharmacodynamics of A-ring modified caged xanthones in a preclinical model of inflammatory breast cancer. European Journal of Medicinal Chemistry, 2019, 168, 405-413.	5.5	11
5	Caged Garcinia Xanthones: Synthetic Studies and Pharmacophore Evaluation. Studies in Natural Products Chemistry, 2018, , 93-131.	1.8	5
6	Solvation-Guided Design of Fluorescent Probes for Discrimination of Amyloids. Scientific Reports, 2018, 8, 6950.	3.3	21
7	Caged Garcinia Xanthones, a Novel Chemical Scaffold with Potent Antimalarial Activity. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	15
8	Gambogic acid identifies an isoform-specific druggable pocket in the middle domain of Hsp90Î². Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4801-9.	7.1	52
9	Ratiometric mechanosensitive fluorescent dyes: design and applications. Journal of Materials Chemistry C, 2016, 4, 2707-2718.	5.5	114
10	Total Synthesis and Structural Revision of Antibiotic CJâ€16,264. Angewandte Chemie - International Edition, 2015, 54, 9203-9208.	13.8	39
11	Spontaneously-forming spheroids as an in vitro cancer cell model for anticancer drug screening. Oncotarget, 2015, 6, 21255-21267.	1.8	50
12	Real-Time Monitoring of Alzheimerâ€™s-Related Amyloid Aggregation via Probe Enhancementâ€“Fluorescence Correlation Spectroscopy. ACS Chemical Neuroscience, 2015, 6, 1503-1508.	3.5	21
13	The Fe-S cluster-containing NEET proteins mitoNEET and NAF-1 as chemotherapeutic targets in breast cancer. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3698-3703.	7.1	64
14	Synthetic strategies toward the decalin motif of maklamicin and related spirotetronates. Organic Chemistry Frontiers, 2015, 2, 388-393.	4.5	5
15	Spirotetronate Polyketides as Leads in Drug Discovery. Journal of Natural Products, 2015, 78, 562-575.	3.0	74
16	Anti-inflammatory Actions of Acanthoic Acid-Related Diterpenes Involve Activation of the PI3K p110Î³/Î´ Subunits and Inhibition of NF-ÎºB. Chemistry and Biology, 2014, 21, 955-966.	6.0	19
17	A-ring oxygenation modulates the chemistry and bioactivity of caged Garcinia xanthones. Organic and Biomolecular Chemistry, 2013, 11, 3341.	2.8	18
18	Cluvenone induces apoptosis via a direct target in mitochondria: a possible mechanism to circumvent chemo-resistance?. Investigational New Drugs, 2012, 30, 1841-1848.	2.6	17

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19	Aminonaphthalene 2-Cyanoacrylate (ANCA) Probes Fluorescently Discriminate between Amyloid-Î² and Prion Plaques in Brain. Journal of the American Chemical Society, 2012, 134, 17338-17341.	13.7	83
20	Subcellular Localization and Activity of Gambogic Acid. ChemBioChem, 2012, 13, 1191-1198.	2.6	22
21	Total Synthesis of Norcembrenolide B and Scabrolide D. Organic Letters, 2011, 13, 5854-5857.	4.6	34
22	ANCA: A Family of Fluorescent Probes that Bind and Stain Amyloid Plaques in Human Tissue. ACS Chemical Neuroscience, 2011, 2, 249-255.	3.5	83
23	Chemical biology studies on norrisolide. Bioorganic and Medicinal Chemistry, 2010, 18, 2115-2122.	3.0	17
24	Rational Design of Amyloid Binding Agents Based on the Molecular Rotor Motif. ChemMedChem, 2010, 5, 56-60.	3.2	58
25	Chemistry and Biology of the Caged Garcinia Xanthones. Chemistry - A European Journal, 2010, 16, 9944-9962.	3.3	119
26	The Synthetic Caged Garcinia Xanthone Cluvenone Induces Cell Stress and Apoptosis and Has Immune Modulatory Activity. Molecular Cancer Therapeutics, 2010, 9, 2869-2878.	4.1	24
27	Environment-sensitive behavior of fluorescent molecular rotors. Journal of Biological Engineering, 2010, 4, 11.	4.7	330
28	Evaluation of the pharmacophoric motif of the caged Garcinia xanthones. Organic and Biomolecular Chemistry, 2009, 7, 4886.	2.8	55
29	Synthesis and evaluation of caged Garcinia xanthones. Organic and Biomolecular Chemistry, 2007, 5, 494-500.	2.8	42
30	Studies on the Synthesis ofSchisandraceae Natural Products: Exploring a Cyclopropylcarbinol Ring Expansion Strategy. European Journal of Organic Chemistry, 2007, 2007, 4193-4196.	2.4	36
31	Unified synthesis of caged Garcinia natural products based on a site-selective Claisen/Diels-Alder/Claisen rearrangement. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 12030-12035.	7.1	74
32	Stereoselective Synthesis of the ABC Ring System of Norzoanthamine. Organic Letters, 2004, 6, 941-944.	4.6	36
33	Synthesis and antitumor activity of phthalimide-based polymers containing camptothecin. Macromolecular Research, 2003, 11, 47-52.	2.4	6
34	Synthesis and antitumour activity of medium molecular weight phthalimide polymers of camptothecin. Polymer International, 2003, 52, 1339-1345.	3.1	7
35	Biomimetic total synthesis of forbesione and desoxymorellin utilizing a tandem Claisen/Dielsâ€“Alder/Claisen rearrangement. Organic and Biomolecular Chemistry, 2003, 1, 4418-4422.	2.8	58
36	Synthesis of (â˜)-Ilimaquinone via a Radical Decarboxylation and Quinone Addition Reaction. Organic Letters, 2002, 4, 819-822.	4.6	49

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37	Regioselective Synthesis of the Bridged Tricyclic Core ofGarciniaNatural Products via Intramolecular Aryl Acrylate Cycloadditions. Organic Letters, 2002, 4, 909-912.	4.6	42
38	Synthesis and biological activity of phthalimide-based polymers containing 5-fluorouracil. Polymer International, 2002, 51, 569-576.	3.1	12
39	Enantioselective Synthesis of the Antiinflammatory Agent (â^')-Acanthoic Acid. Journal of Organic Chemistry, 2001, 66, 8843-8853.	3.2	71
40	Synthesis and biological activity of medium range molecular weight polymers containingexo-3,6-epoxy-1,2,3,6-tetrahydrophthalimidocaproic acid. Polymer International, 2001, 50, 1010-1015.	3.1	9
41	Efficient Synthesis of the C1-C8 Fragment of Reveromycins. Synthetic Communications, 2000, 30, 3617-3628.	2.1	1
42	Stereoselective Synthesis of (â^')-Acanthoic Acid. Organic Letters, 2000, 2, 2073-2076.	4.6	25
43	Enantioselective Total Synthesis of Avarol and Avarone. Angewandte Chemie - International Edition, 1999, 38, 3089-3091.	13.8	57