

Emmanuel A Theodorakis

List of Publications by Year in descending order

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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	Environment-sensitive behavior of fluorescent molecular rotors. <i>Journal of Biological Engineering</i> , 2010, 4, 11.	4.7	330
2	Chemistry and Biology of the Caged <i>Garcinia</i> Xanthenes. <i>Chemistry - A European Journal</i> , 2010, 16, 9944-9962.	3.3	119
3	Ratiometric mechanosensitive fluorescent dyes: design and applications. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2707-2718.	5.5	114
4	ANCA: A Family of Fluorescent Probes that Bind and Stain Amyloid Plaques in Human Tissue. <i>ACS Chemical Neuroscience</i> , 2011, 2, 249-255.	3.5	83
5	Aminonaphthalene 2-Cyanoacrylate (ANCA) Probes Fluorescently Discriminate between Amyloid- β^2 and Prion Plaques in Brain. <i>Journal of the American Chemical Society</i> , 2012, 134, 17338-17341.	13.7	83
6	Unified synthesis of caged <i>Garcinia</i> natural products based on a site-selective Claisen/Diels-Alder/Claisen rearrangement. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 12030-12035.	7.1	74
7	Spirotetronate Polyketides as Leads in Drug Discovery. <i>Journal of Natural Products</i> , 2015, 78, 562-575.	3.0	74
8	Enantioselective Synthesis of the Antiinflammatory Agent (β^{\sim})-Acanthoic Acid. <i>Journal of Organic Chemistry</i> , 2001, 66, 8843-8853.	3.2	71
9	The Fe-S cluster-containing NEET proteins mitoNEET and NAF-1 as chemotherapeutic targets in breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3698-3703.	7.1	64
10	Biomimetic total synthesis of forbesione and desoxymorellin utilizing a tandem Claisen/Diels-Alder/Claisen rearrangement. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 4418-4422.	2.8	58
11	Rational Design of Amyloid Binding Agents Based on the Molecular Rotor Motif. <i>ChemMedChem</i> , 2010, 5, 56-60.	3.2	58
12	Enantioselective Total Synthesis of Avarol and Avarone. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 3089-3091.	13.8	57
13	Evaluation of the pharmacophoric motif of the caged <i>Garcinia</i> xanthenes. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4886.	2.8	55
14	Gambogic acid identifies an isoform-specific druggable pocket in the middle domain of Hsp90 β^2 . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4801-9.	7.1	52
15	Spontaneously-forming spheroids as an <i>in vitro</i> cancer cell model for anticancer drug screening. <i>Oncotarget</i> , 2015, 6, 21255-21267.	1.8	50
16	Synthesis of (β^{\sim})-lismaquinone via a Radical Decarboxylation and Quinone Addition Reaction. <i>Organic Letters</i> , 2002, 4, 819-822.	4.6	49
17	Regioselective Synthesis of the Bridged Tricyclic Core of <i>Garcinia</i> Natural Products via Intramolecular Aryl Acrylate Cycloadditions. <i>Organic Letters</i> , 2002, 4, 909-912.	4.6	42
18	Synthesis and evaluation of caged <i>Garcinia</i> xanthenes. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 494-500.	2.8	42

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19	Total Synthesis and Structural Revision of Antibiotic CJâ€16,264. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9203-9208.	13.8	39
20	Stereoselective Synthesis of the ABC Ring System of Norzoanthamine. <i>Organic Letters</i> , 2004, 6, 941-944.	4.6	36
21	Studies on the Synthesis of Schisandraceae Natural Products: Exploring a Cyclopropylcarbinol Ring Expansion Strategy. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 4193-4196.	2.4	36
22	Total Synthesis of Norcembrenolide B and Scabrolide D. <i>Organic Letters</i> , 2011, 13, 5854-5857.	4.6	34
23	Stereoselective Synthesis of (âˆ“) -Acanthoic Acid. <i>Organic Letters</i> , 2000, 2, 2073-2076.	4.6	25
24	The Synthetic Caged Garcinia Xanthone Cluvenone Induces Cell Stress and Apoptosis and Has Immune Modulatory Activity. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 2869-2878.	4.1	24
25	Subcellular Localization and Activity of Gambogic Acid. <i>ChemBioChem</i> , 2012, 13, 1191-1198.	2.6	22
26	Real-Time Monitoring of Alzheimerâ€™s-Related Amyloid Aggregation via Probe Enhancementâ€Fluorescence Correlation Spectroscopy. <i>ACS Chemical Neuroscience</i> , 2015, 6, 1503-1508.	3.5	21
27	Solvation-Guided Design of Fluorescent Probes for Discrimination of Amyloids. <i>Scientific Reports</i> , 2018, 8, 6950.	3.3	21
28	Anti-inflammatory Actions of Acanthoic Acid-Related Diterpenes Involve Activation of the PI3K p110Î³/Î´ Subunits and Inhibition of NF-ÎºB. <i>Chemistry and Biology</i> , 2014, 21, 955-966.	6.0	19
29	Marine Spirotetronates: Biosynthetic Edifices That Inspire Drug Discovery. <i>Marine Drugs</i> , 2019, 17, 232.	4.6	19
30	A-ring oxygenation modulates the chemistry and bioactivity of caged Garcinia xanthones. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 3341.	2.8	18
31	Chemical biology studies on norrisolide. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 2115-2122.	3.0	17
32	Cluvenone induces apoptosis via a direct target in mitochondria: a possible mechanism to circumvent chemo-resistance?. <i>Investigational New Drugs</i> , 2012, 30, 1841-1848.	2.6	17
33	Caged Garcinia Xanthones, a Novel Chemical Scaffold with Potent Antimalarial Activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	15
34	Synthesis and biological activity of phthalimide-based polymers containing 5-fluorouracil. <i>Polymer International</i> , 2002, 51, 569-576.	3.1	12
35	Synthesis, structure-activity relationship and inâ€vitro pharmacodynamics of A-ring modified caged xanthones in a preclinical model of inflammatory breast cancer. <i>European Journal of Medicinal Chemistry</i> , 2019, 168, 405-413.	5.5	11
36	Synthesis and biological activity of medium range molecular weight polymers containing exo-3,6-epoxy-1,2,3,6-tetrahydrophthalimidocaproic acid. <i>Polymer International</i> , 2001, 50, 1010-1015.	3.1	9

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37	Synthesis and antitumour activity of medium molecular weight phthalimide polymers of camptothecin. <i>Polymer International</i> , 2003, 52, 1339-1345.	3.1	7
38	Chiral resolution of a caged xanthone and evaluation across a broad spectrum of breast cancer subtypes. <i>Bioorganic Chemistry</i> , 2019, 93, 103303.	4.1	7
39	Synthesis and antitumor activity of phthalimide-based polymers containing camptothecin. <i>Macromolecular Research</i> , 2003, 11, 47-52.	2.4	6
40	Synthetic strategies toward the decalin motif of maklamicin and related spirotetronates. <i>Organic Chemistry Frontiers</i> , 2015, 2, 388-393.	4.5	5
41	Caged Garcinia Xanthenes: Synthetic Studies and Pharmacophore Evaluation. <i>Studies in Natural Products Chemistry</i> , 2018, , 93-131.	1.8	5
42	Exploring the Effect of Aliphatic Substituents on Aryl Cyano Amides on Enhancement of Fluorescence upon Binding to Amyloid- β Aggregates. <i>ACS Chemical Neuroscience</i> , 2021, 12, 2946-2952.	3.5	2
43	Efficient Synthesis of the C1-C8 Fragment of Reveromycins. <i>Synthetic Communications</i> , 2000, 30, 3617-3628.	2.1	1