

Tyler N Graf

List of Publications by Year in descending order

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59
papers

3,167
citations

136740

32
h-index

149479

56
g-index

61
all docs

61
docs citations

61
times ranked

3990
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of hepatoprotective flavonolignans from silymarin. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 5995-5999.	3.3	262
2	Complete isolation and characterization of silybins and isosilybins from milk thistle (<i>Silybum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 712 extracts. See http://www.rsc.org/suppdata/ob/b3/b300099k/ . Organic and Biomolecular Chemistry, 2003, 1, 1684.	1.5	251
3	Milk Thistle and Prostate Cancer: Differential Effects of Pure Flavonolignans from <i>Silybum marianum</i> on Antiproliferative End Points in Human Prostate Carcinoma Cells. Cancer Research, 2005, 65, 4448-4457.	0.4	194
4	Multiple effects of silymarin on the hepatitis C virus lifecycle. Hepatology, 2010, 51, 1912-1921.	3.6	191
5	Human sulfite oxidase R160Q: Identification of the mutation in a sulfite oxidase-deficient patient and expression and characterization of the mutant enzyme. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 6394-6398.	3.3	126
6	Synergy-Directed Fractionation of Botanical Medicines: A Case Study with Goldenseal (<i>Hydrastis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 712	1.5	124
7	Optimization of Expression of Human Sulfite Oxidase and Its Molybdenum Domain. Archives of Biochemistry and Biophysics, 2000, 383, 281-287.	1.4	109
8	Silymarin Inhibits In Vitro T-Cell Proliferation and Cytokine Production in Hepatitis C Virus Infection. Gastroenterology, 2010, 138, 671-681.e2.	0.6	107
9	Cytotoxic and Antimicrobial Constituents of the Bark of <i>Diospyros maritima</i> Collected in Two Geographical Locations in Indonesia. Journal of Natural Products, 2004, 67, 1156-1161.	1.5	95
10	HiFSA Fingerprinting Applied to Isomers with Near-Identical NMR Spectra: The Silybin/Isosilybin Case. Journal of Organic Chemistry, 2013, 78, 2827-2839.	1.7	84
11	Flavonolignans from <i>Aspergillus iizukae</i> , a Fungal Endophyte of Milk Thistle (<i>Silybum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 712	1.5	83
12	Resorcylic Acid Lactones with Cytotoxic and NF- κ B Inhibitory Activities and Their Structure-Activity Relationships. Journal of Natural Products, 2011, 74, 1126-1131.	1.5	82
13	Structural Insights into Sulfite Oxidase Deficiency. Journal of Biological Chemistry, 2005, 280, 33506-33515.	1.6	73
14	Gram-Scale Purification of Flavonolignan Diastereoisomers from <i>Silybum marianum</i> (Milk Thistle) Extract in Support of Preclinical in vivo Studies for Prostate Cancer Chemoprevention. Planta Medica, 2007, 73, 1495-1501.	0.7	68
15	A Hexacyclicent-Trachylobane Diterpenoid Possessing an Oxetane Ring from <i>Mitrephora glabra</i> . Organic Letters, 2005, 7, 5709-5712.	2.4	67
16	Biosynthetically Distinct Cytotoxic Polyketides from <i>Setophoma terrestris</i> . European Journal of Organic Chemistry, 2015, 2015, 109-121.	1.2	63
17	Differential In Vitro Effects of Intravenous versus Oral Formulations of Silibinin on the HCV Life Cycle and Inflammation. PLoS ONE, 2011, 6, e16464.	1.1	62
18	The Chemistry of Kratom [<i>Mitragyna speciosa</i>]: Updated Characterization Data and Methods to Elucidate Indole and Oxindole Alkaloids. Journal of Natural Products, 2020, 83, 2165-2177.	1.5	61

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19	Bioactive Constituents of the Stem Bark of <i>Mitrephora glabra</i> . Journal of Natural Products, 2009, 72, 1949-1953.	1.5	55
20	A Mass Spectrometry-Based Assay for Improved Quantitative Measurements of Efflux Pump Inhibition. PLoS ONE, 2015, 10, e0124814.	1.1	53
21	Comparison of Metabolomics Approaches for Evaluating the Variability of Complex Botanical Preparations: Green Tea (<i>Camellia sinensis</i>) as a Case Study. Journal of Natural Products, 2017, 80, 1457-1466.	1.5	53
22	Ethanollic Echinacea purpurea Extracts Contain a Mixture of Cytokine-Suppressive and Cytokine-Inducing Compounds, Including Some That Originate from Endophytic Bacteria. PLoS ONE, 2015, 10, e0124276.	1.1	53
23	Isolated sulfite oxidase deficiency. Ophthalmology, 1999, 106, 1957-1961.	2.5	50
24	Cytotoxic epipolythiodioxopiperazine alkaloids from filamentous fungi of the Bionectriaceae. Journal of Antibiotics, 2012, 65, 559-564.	1.0	49
25	Identification of Diet-Derived Constituents as Potent Inhibitors of Intestinal Glucuronidation. Drug Metabolism and Disposition, 2014, 42, 1675-1683.	1.7	44
26	Identification of a Cranberry Juice Product that Inhibits Enteric CYP3A-Mediated First-Pass Metabolism in Humans. Drug Metabolism and Disposition, 2009, 37, 514-522.	1.7	42
27	Benzoquinones and Terphenyl Compounds As Phosphodiesterase-4B Inhibitors from a Fungus of the Order Chaetothyriales (MSX 47445). Journal of Natural Products, 2013, 76, 382-387.	1.5	42
28	Isolation and Identification of Intestinal CYP3A Inhibitors from Cranberry (<i>Vaccinium</i>) Tj ETQq0 0 0 rgBT /Overlock_10 Tf 50,382 Td (n	0.7	39
29	Interaction of Arsenate with the Molybdenum Site of Sulfite Oxidase. Journal of the American Chemical Society, 1998, 120, 4522-4523.	6.6	38
30	A Systematic Approach to Evaluate Herb-Drug Interaction Mechanisms: Investigation of Milk Thistle Extracts and Eight Isolated Constituents as CYP3A Inhibitors. Drug Metabolism and Disposition, 2013, 41, 1662-1670.	1.7	38
31	Sarothrin from <i>Alkanna orientalis</i> Is an Antimicrobial Agent and Efflux Pump Inhibitor. Planta Medica, 2013, 79, 327-329.	0.7	36
32	Cytotoxic xanthone-anthraquinone heterodimers from an unidentified fungus of the order Hypocreales (MSX 17022). Journal of Antibiotics, 2012, 65, 3-8.	1.0	34
33	Cyclodepsipeptides, Sesquiterpenoids, and Other Cytotoxic Metabolites from the Filamentous Fungus <i>Trichothecium</i> sp. (MSX 51320). Journal of Natural Products, 2011, 74, 2137-2142.	1.5	33
34	Production and Purification of N-Terminal Half-Transferrin in <i>Pichia pastoris</i> . Protein Expression and Purification, 1995, 6, 619-624.	0.6	31
35	Conventional and accelerated-solvent extractions of green tea (<i>Camellia sinensis</i>) for metabolomics-based chemometrics. Journal of Pharmaceutical and Biomedical Analysis, 2017, 145, 604-610.	1.4	30
36	A validated UHPLC-tandem mass spectrometry method for quantitative analysis of flavonolignans in milk thistle (<i>Silybum marianum</i>) extracts. Journal of Pharmaceutical and Biomedical Analysis, 2016, 126, 26-33.	1.4	29

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37	Prealamethicin F50 and related peptaibols from <i>Trichoderma arundinaceum</i> : validation of their authenticity via in situ chemical analysis. <i>RSC Advances</i> , 2017, 7, 45733-45741.	1.7	29
38	Enhanced bioactivity of silybin B methylation products. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 742-747.	1.4	27
39	Alvaradoins E-N, Antitumor and Cytotoxic Anthracenone C-Glycosides from the Leaves of <i>Alvaradoa haitiensis</i> . <i>Journal of Natural Products</i> , 2007, 70, 954-961.	1.5	25
40	Biosynthesis of Fluorinated Peptaibols Using a Site-Directed Building Block Incorporation Approach. <i>Journal of Natural Products</i> , 2017, 80, 1883-1892.	1.5	24
41	Large-Scale Isolation of Flavonolignans from <i>Silybum marianum</i> Extract Affords New Minor Constituents and Preliminary Structure-Activity Relationships. <i>Planta Medica</i> , 2010, 76, 644-647.	0.7	23
42	Synthesis of poly(1,2-glycerol carbonate)-paclitaxel conjugates and their utility as a single high-dose replacement for multi-dose treatment regimens in peritoneal cancer. <i>Chemical Science</i> , 2017, 8, 8443-8450.	3.7	23
43	Variability in the Yield of Benzophenanthridine Alkaloids in Wildcrafted vs Cultivated Bloodroot (<i>Sanguinaria canadensis</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 1205-1211.	2.4	20
44	Semisynthesis, cytotoxicity, antiviral activity, and drug interaction liability of 7-O-methylated analogues of flavonolignans from milk thistle. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 3919-3926.	1.4	20
45	Silymarin Prevents Memory Impairments, Anxiety, and Depressive-Like Symptoms in a Rat Model of Post-Traumatic Stress Disorder. <i>Planta Medica</i> , 2019, 85, 32-40.	0.7	20
46	Dereplication of macrocyclic trichothecenes from extracts of filamentous fungi through UV and NMR profiles. <i>Journal of Antibiotics</i> , 2010, 63, 539-544.	1.0	16
47	Obionin B: an o-pyranonaphthoquinone decaketide from an unidentified fungus (MSX 63619) from the order Pleosporales. <i>Tetrahedron Letters</i> , 2011, 52, 5128-5130.	0.7	15
48	Delitpyrones: \pm -Pyrone Derivatives from a Freshwater <i>Delitschia</i> sp.. <i>Planta Medica</i> , 2019, 85, 62-71.	0.7	14
49	Comparison of the chemistry and diversity of endophytes isolated from wild-harvested and greenhouse-cultivated yerba mansa (<i>Anemopsis californica</i>). <i>Phytochemistry Letters</i> , 2015, 11, 202-208.	0.6	12
50	Identification of Neuropeptide S Antagonists: Structure-Activity Relationship Studies, X-ray Crystallography, and in Vivo Evaluation. <i>ACS Chemical Neuroscience</i> , 2014, 5, 731-744.	1.7	11
51	Delivery of eupenifeldin via polymer-coated surgical buttresses prevents local lung cancer recurrence. <i>Journal of Controlled Release</i> , 2021, 331, 260-269.	4.8	10
52	Drug Leads from Endophytic Fungi: Lessons Learned via Scaled Production. <i>Planta Medica</i> , 2020, 86, 988-996.	0.7	9
53	Chemoenzymatic Synthesis, Characterization, and Scale-Up of Milk Thistle Flavonolignan Glucuronides. <i>Drug Metabolism and Disposition</i> , 2015, 43, 1734-1743.	1.7	7
54	Hepatic organic anion transporting polypeptides mediate disposition of milk thistle flavonolignans and pharmacokinetic silymarin-drug interactions. <i>Phytotherapy Research</i> , 2021, 35, 3286-3297.	2.8	4

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55	Diterpene Glycosides from <i>Egletes viscosa</i> . <i>Planta Medica</i> , 2005, 71, 792-794.	0.7	3
56	Pheophorbide Derivatives Isolated From Açaí-Berries (<i>Euterpe oleracea</i>) Activate an Antioxidant Response Element In Vitro. <i>Natural Product Communications</i> , 2019, 14, 1934578X1985244.	0.2	3
57	Pharmacological characterization of kratom alkaloids at opiate receptors: binding affinities, <i>in vitro</i> and <i>in vivo</i> functional assessments. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
58	Green Tea Alters Bile Acid Micellar Solubility of Raloxifene. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
59	Silymarin-mediated Natural Product-Drug Interactions involving Enteric Organic Anion Transporting Polypeptides. <i>FASEB Journal</i> , 2022, 36, .	0.2	0