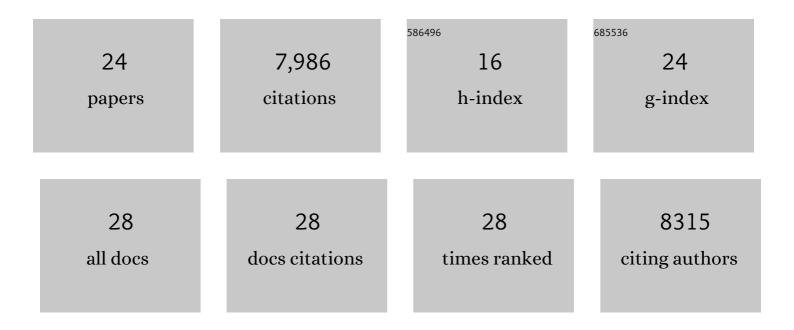
Craig A Behnke

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Development of spirulina for the manufacture and oral delivery of protein therapeutics. Nature Biotechnology, 2022, 40, 956-964.	9.4	50
2	Co-processing of hydrothermal liquefaction algal bio-oil and petroleum feedstock to fuel-like hydrocarbons via fluid catalytic cracking. Fuel Processing Technology, 2019, 188, 164-171.	3.7	48
3	Discovery of benzimidazole derivatives as orally active renin inhibitors: Optimization of 3,5-disubstituted piperidine to improve pharmacokinetic profile. Bioorganic and Medicinal Chemistry, 2018, 26, 3261-3286.	1.4	6
4	Fatty Amide Determination in Neutral Molecular Fractions of Green Crude Hydrothermal Liquefaction Oils From Algal Biomass. Energy & Fuels, 2017, 31, 8275-8282.	2.5	16
5	Discovery of TAK-272: A Novel, Potent, and Orally Active Renin Inhibitor. ACS Medicinal Chemistry Letters, 2016, 7, 933-938.	1.3	22
6	Novel approach of fragment-based lead discovery applied to renin inhibitors. Bioorganic and Medicinal Chemistry, 2016, 24, 6066-6074.	1.4	4
7	Structure-based design of a new series of N-(piperidin-3-yl)pyrimidine-5-carboxamides as renin inhibitors. Bioorganic and Medicinal Chemistry, 2016, 24, 5771-5780.	1.4	13
8	Spectroradiometric monitoring for open outdoor culturing of algae and cyanobacteria. Applied Optics, 2014, 53, F31.	0.9	8
9	The structure of rice weevil pectin methylesterase. Acta Crystallographica Section F, Structural Biology Communications, 2014, 70, 1480-1484.	0.4	15
10	Evolution of acyl-ACP thioesterases and β-ketoacyl-ACP synthases revealed by protein–protein interactions. Journal of Applied Phycology, 2014, 26, 1619-1629.	1.5	21
11	Host cell pigmentation in <i>Scenedesmus dimorphus</i> as a beacon for nascent parasite infection. Biotechnology and Bioengineering, 2014, 111, 1748-1757.	1.7	3
12	Contamination Management in Low Cost Open Algae Ponds for Biofuels Production. Industrial Biotechnology, 2014, 10, 221-227.	0.5	103
13	Synthesis, SAR study, and biological evaluation of a series of piperazine ureas as fatty acid amide hydrolase (FAAH) inhibitors. Bioorganic and Medicinal Chemistry, 2013, 21, 28-41.	1.4	30
14	Characterization of Amoeboaphelidium protococcarum, an Algal Parasite New to the Cryptomycota Isolated from an Outdoor Algal Pond Used for the Production of Biofuel. PLoS ONE, 2013, 8, e56232.	1.1	136
15	Spectroradiometric Monitoring of Open Algal Cultures. , 2013, , .		0
16	Manipulating Fatty Acid Biosynthesis in Microalgae for Biofuel through Protein-Protein Interactions. PLoS ONE, 2012, 7, e42949.	1,1	107
17	Atomic resolution studies of carbonic anhydrase II. Acta Crystallographica Section D: Biological Crystallography, 2010, 66, 616-627.	2.5	51
18	Production of therapeutic proteins in algae, analysis of expression of seven human proteins in the chloroplast of <i>Chlamydomonas reinhardtii</i> . Plant Biotechnology Journal, 2010, 8, 719-733.	4.1	255

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#	Article	IF	CITATIONS
19	Nonlinear partial differential equations and applications: The mechanism of topoisomerase I poisoning by a camptothecin analog. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15387-15392.	3.3	705
20	Theoretical and Experimental Studies of Biotin Analogues That Bind Almost as Tightly to Streptavidin as Biotin. Journal of Organic Chemistry, 2002, 67, 1827-1837.	1.7	25
21	High-throughput crystallization and structure determination in drug discovery. Drug Discovery Today, 2002, 7, 187-196.	3.2	73
22	Advances in Determination of a High-Resolution Three-Dimensional Structure of Rhodopsin, a Model of G-Protein-Coupled Receptors (GPCRs)â€,‡. Biochemistry, 2001, 40, 7761-7772.	1.2	627
23	X-Ray Diffraction Analysis of Three-Dimensional Crystals of Bovine Rhodopsin Obtained from Mixed Micelles. Journal of Structural Biology, 2000, 130, 73-80.	1.3	176
24	Crystal Structure of Rhodopsin: A G Protein-Coupled Receptor. Science, 2000, 289, 739-745.	6.0	5,486