Michael G Hill

List of Publications by Year
in descending order

26	1,928	567281 15	642732 23
papers	citations	h-index	g-index

29	29	29	1943
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Potential-Driven Electrochemical Clearing of Ex Vivo Alkaline Corneal Injuries. Translational Vision Science and Technology, 2022, 11, 32.	2.2	1
2	DNA Electrochemistry: Charge-Transport Pathways through DNA Films on Gold. Journal of the American Chemical Society, 2021, 143, 11631-11640.	13.7	37
3	Exploring feedbackâ€controlled versus openâ€circuit electrochemical lipolysis in ex vivo and in vivo porcine fat: A feasibility study. Lasers in Surgery and Medicine, 2021, , .	2.1	1
4	Swiss Science Prize Marcel Benoist. , 2021, , 197-206.		1
5	Ten ways to improve academic CVs for fairer research assessment. Humanities and Social Sciences Communications, 2021, 8, .	2.9	9
6	A Cobalt Phosphine Complex in Five Oxidation States. Inorganic Chemistry, 2021, 60, 17445-17449.	4.0	8
7	Electrochemical degradation and saponification of porcine adipose tissue. Scientific Reports, 2020, 10, 20745.	3.3	5
8	The biophysical effects of localized electrochemical therapy on porcine skin. Journal of Dermatological Science, 2020, 97, 179-186.	1.9	9
9	Electrochemical and structural characterization of Azotobacter vinelandii flavodoxin II. Protein Science, 2017, 26, 1984-1993.	7.6	22
10	Controlledâ€Potential Electromechanical Reshaping of Cartilage. Angewandte Chemie - International Edition, 2016, 55, 5497-5500.	13.8	14
11	Helix-Dependent Spin Filtering through the DNA Duplex. Journal of the American Chemical Society, 2016, 138, 15551-15554.	13.7	103
12	Controlledâ€Potential Electromechanical Reshaping of Cartilage. Angewandte Chemie, 2016, 128, 5587-5590.	2.0	2
13	Heterogeneous catalysis for azide-alkyne bioconjugation in solution via spin column: Attachment of dyes and saccharides to peptides and DNA. BioTechniques, 2015, 59, 329-334.	1.8	2
14	Label-free electrochemical detection of human methyltransferase from tumors. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14985-14989.	7.1	70
15	Electron Flow through Iron and Copper Proteins. Bulletin of Japan Society of Coordination Chemistry, 2011, 57, 2-12.	0.2	0
16	Morphology of 15-mer Duplexes Tethered to Au(111) Probed Using Scanning Probe Microscopy. Langmuir, 2001, 17, 5727-5730.	3.5	61
17	Mutation detection by electrocatalysis at DNA-modified electrodes. Nature Biotechnology, 2000, 18, 1096-1100.	17.5	646
18	Integrity of thermus thermophilus cytochrome c₅₅₂ Synthesized by escherichia coli cells expressing the hostâ€specific cytochrome c maturation genes, ccmABCDEFGH: Biochemical, spectral, and structural characterization of the recombinant protein. Protein Science, 2000, 9, 2074-2084.	7.6	53

#	Article	IF	Citations
19	Backbone-Engineered High-Potential Iron Proteins:Â Effects of Active-Site Hydrogen Bonding on Reduction Potential. Journal of the American Chemical Society, 2000, 122, 11039-11040.	13.7	62
20	Long-Range Electron Transfer through DNA Films. Angewandte Chemie - International Edition, 1999, 38, 941-945.	13.8	406
21	Selenomethionine-Substituted Thermus thermophilus Cytochrome ba3:â€‰ Characterization of the CuA Site by Se and Cu K-EXAFS. Biochemistry, 1999, 38, 7075-7084.	2.5	36
22	Reduction potentials of blue and purple copper proteins in their unfolded states: a closer look at rack-induced coordination. Journal of Biological Inorganic Chemistry, 1998, 3, 367-370.	2.6	83
23	Uclacyanins, stellacyanins, and plantacyanins are distinct subfamilies of phytocyanins: Plantâ€specific mononuclear blue copper proteins. Protein Science, 1998, 7, 1915-1929.	7.6	167
24	Rational Fine-Tuning of the Redox Potentials in Chemically Synthesized Rubredoxins. Journal of the American Chemical Society, 1998, 120, 11536-11537.	13.7	39
25	Electrochemistry of the CuA domain of Thermus thermophilus cytochrome ba 3. Journal of Biological Inorganic Chemistry, 1996, 1, 529-531.	2.6	42
26	The jury is out: a new approach to awarding science prizes. F1000Research, 0, 10, 1237.	1.6	2