

# Maxine J Mccall

## List of Publications by Year in descending order

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36  
papers

2,373  
citations

304368

22  
h-index

414034

32  
g-index

37  
all docs

37  
docs citations

37  
times ranked

2917  
citing authors

#	ARTICLE	IF	CITATIONS
1	Zinc oxide nanoparticles in modern sunscreens: An analysis of potential exposure and hazard. <i>Nanotoxicology</i> , 2010, 4, 15-41.	1.6	366
2	Small Amounts of Zinc from Zinc Oxide Particles in Sunscreens Applied Outdoors Are Absorbed through Human Skin. <i>Toxicological Sciences</i> , 2010, 118, 140-149.	1.4	280
3	The crystal structure of d(G-C-G-G-C-C-C) a model for poly(dG) $\hat{A}$ poly(dC). <i>Journal of Molecular Biology</i> , 1985, 183, 385-396.	2.0	260
4	Effects of Surface Chemistry on Cytotoxicity, Genotoxicity, and the Generation of Reactive Oxygen Species Induced by ZnO Nanoparticles. <i>Langmuir</i> , 2010, 26, 15399-15408.	1.6	212
5	Highly Efficient Binding of DNA on the Sidewalls and Tips of Carbon Nanotubes Using Photochemistry. <i>Nano Letters</i> , 2004, 4, 89-93.	4.5	209
6	The crystal structure of d(GGATGGGAC) forms an essential part of the binding site for transcription factor IIIA. <i>Nature</i> , 1986, 322, 661-664.	13.7	142
7	Durability and inflammogenic impact of carbon nanotubes compared with asbestos fibres. <i>Particle and Fibre Toxicology</i> , 2011, 8, 15.	2.8	87
8	Comparison of dermal absorption of zinc from different sunscreen formulations and differing UV exposure based on stable isotope tracing. <i>Science of the Total Environment</i> , 2012, 420, 313-318.	3.9	76
9	A ribozyme with DNA in the hybridising arms displays enhanced cleavage ability. <i>Nucleic Acids Research</i> , 1992, 20, 5737-5741.	6.5	66
10	Dermal absorption and short-term biological impact in hairless mice from sunscreens containing zinc oxide nano- or larger particles. <i>Nanotoxicology</i> , 2014, 8, 72-84.	1.6	64
11	Nanoparticles in the real world. <i>Nature Nanotechnology</i> , 2011, 6, 613-614.	15.6	63
12	Surface Modifications of ZnO Nanoparticles and Their Cytotoxicity. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 7565-7570.	0.9	56
13	A review of critical factors for assessing the dermal absorption of metal oxide nanoparticles from sunscreens applied to humans, and a research strategy to address current deficiencies. <i>Archives of Toxicology</i> , 2015, 89, 1909-1930.	1.9	50
14	Structural analysis of a reconstituted DNA containing three histone octamers and histone H5. <i>Journal of Molecular Biology</i> , 1987, 197, 485-511.	2.0	46
15	In vitro activity of minimised hammerhead ribozymes. <i>Nucleic Acids Research</i> , 1995, 23, 3922-3927.	6.5	44
16	A comparison of their vitroactivity of DNA-armed and all-RNA hammerhead ribozymes. <i>Nucleic Acids Research</i> , 1995, 23, 3928-3936.	6.5	40
17	Surface coatings of ZnO nanoparticles mitigate differentially a host of transcriptional, protein and signalling responses in primary human olfactory cells. <i>Particle and Fibre Toxicology</i> , 2013, 10, 54.	2.8	33
18	Crystal structure of a zinc-(9-methyladenine) complex with N1 as the preferred binding site. <i>Nucleic Acids and Protein Synthesis</i> , 1975, 390, 137-139.	1.7	31

#	ARTICLE	IF	CITATIONS
19	Two Mutant Forms of Human Insulin. Structural Consequences of the Substitution of Invariant B24- or B25-Phenylalanine by Leucine. Hoppe-Seyler's Zeitschrift Für Physiologische Chemie, 1981, 362, 581-592.	1.7	30
20	Size-dependent cytotoxicity and genotoxicity of ZnO particles to human lymphoblastoid (WIL2RS) cells. Environmental and Molecular Mutagenesis, 2015, 56, 767-776.	0.9	30
21	Single-walled carbon nanotubes with DNA recognition. Chemical Physics Letters, 2007, 443, 169-172.	1.2	24
22	A comparative study of the physical and chemical properties of nano-sized ZnO particles from multiple batches of three commercial products. Journal of Nanoparticle Research, 2015, 17, 1.	0.8	23
23	Using linkers to investigate the spatial separation of the conserved nucleotides A9 and G12 in the hammerhead ribozyme. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1994, 1219, 405-412.	2.4	20
24	An inter-laboratory comparison of high precision stable isotope ratio measurements for nanoparticle tracing in biological samples. Journal of Analytical Atomic Spectrometry, 2014, 29, 471-477.	1.6	17
25	A Minimised Hammerhead Ribozyme with Activity against Interleukin-2 in Human Cells. Biochemical and Biophysical Research Communications, 1997, 231, 397-402.	1.0	16
26	Small, Efficient Hammerhead Ribozymes. Molecular Biotechnology, 2000, 14, 5-18.	1.3	16
27	Redesigned and chemically-modified hammerhead ribozymes with improved activity and serum stability. BMC Chemical Biology, 2004, 4, 1.	1.6	15
28	Detecting free radicals in sunscreens exposed to UVA radiation using chemiluminescence. Journal of Photochemistry and Photobiology B: Biology, 2014, 133, 27-38.	1.7	15
29	A tiered approach. Nature Nanotechnology, 2013, 8, 307-308.	15.6	12
30	Azide photochemistry for facile modification of graphitic surfaces: preparation of DNA-coated carbon nanotubes for biosensing. Nanotechnology, 2012, 23, 425503.	1.3	9
31	Design of Hybridizing Arms in Hammerhead Ribozymes. , 1997, 74, 253-264.		5
32	Minimized Hammerhead Ribozymes. , 1997, 74, 151-160.		3
33	Small Efficient Hammerhead Ribozymes. , 1998, , 1-16.		2
34	Consumer Use of Sunscreens Containing Nanoparticles. , 2018, , 389-423.		2
35	Defining Optimum Reaction Conditions for Hammerhead Ribozymes. , 1997, 74, 231-240.		1
36	Influence of Helix Length on Cleavage Efficiency of Hammerhead Ribozymes. Australian Journal of Chemistry, 2005, 58, 851.	0.5	1