

Michael Stacey

List of Publications by Year in descending order

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41
papers

2,354
citations

430874
18
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315739
38
g-index

42
all docs

42
docs citations

42
times ranked

2484
citing authors

#	ARTICLE	IF	CITATIONS
1	Cold atmospheric pressure air plasma jet for medical applications. Applied Physics Letters, 2008, 92, .	3.3	374
2	Accelerated telomere shortening in ataxia telangiectasia. Nature Genetics, 1996, 13, 350-353.	21.4	314
3	Bioelectric Effects of Intense Nanosecond Pulses. IEEE Transactions on Dielectrics and Electrical Insulation, 2007, 14, 1088-1109.	2.9	277
4	Differential effects in cells exposed to ultra-short, high intensity electric fields: cell survival, DNA damage, and cell cycle analysis. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2003, 542, 65-75.	1.7	180
5	Emerging Roles of the Membrane Potential: Action Beyond the Action Potential. Frontiers in Physiology, 2018, 9, 1661.	2.8	152
6	Family study of the inheritance of pectus excavatum. Journal of Pediatric Surgery, 2006, 41, 1699-1703.	1.6	136
7	Aneuploidy frequencies in semen fractions from ten oligoasthenoteratozoospermic patients donating sperm for intracytoplasmic sperm injection. Fertility and Sterility, 1999, 72, 472-478.	1.0	112
8	Nanosecond pulsed electric field induced cytoskeleton, nuclear membrane and telomere damage adversely impact cell survival. Bioelectrochemistry, 2011, 82, 131-134.	4.6	98
9	Probing nanoparticle interactions in cell culture media. Colloids and Surfaces B: Biointerfaces, 2012, 95, 96-102.	5.0	95
10	Epidermal mosaicism and Blaschko's lines.. Journal of Medical Genetics, 1993, 30, 752-755.	3.2	87
11	Variant forms of ataxia telangiectasia.. Journal of Medical Genetics, 1987, 24, 669-677.	3.2	80
12	Mapping AAC1, AAC2 and AACP, the genes for arylamine N-acetyltransferases, carcinogen metabolising enzymes on human chromosome 8p22, a region frequently deleted in tumours. Cytogenetic and Genome Research, 1997, 77, 290-295.	1.1	76
13	A family showing no evidence of linkage between the ataxia telangiectasia gene and chromosome 11q22-23.. Journal of Medical Genetics, 1993, 30, 135-140.	3.2	64
14	FISH analysis on spontaneously arising micronuclei in the ICF syndrome.. Journal of Medical Genetics, 1995, 32, 502-508.	3.2	25
15	Cultured Skin Keratinocytes from Both Normal Individuals and Basal Cell Naevus Syndrome Patients are More Resistant to β -rays and UV Light Compared with Cultured Skin Fibroblasts. International Journal of Radiation Biology, 1989, 56, 45-58.	1.8	24
16	Nanosecond pulse electrical fields used in conjunction with multi-wall carbon nanotubes as a potential tumor treatment. Biomedical Materials (Bristol), 2011, 6, 011002.	3.3	23
17	Compact, Nanosecond, High Repetition Rate, Pulse Generator for Bioelectric Studies. IEEE Transactions on Dielectrics and Electrical Insulation, 2007, 14, 863-870.	2.9	22
18	Effects of nanosecond pulse electric fields on cellular elasticity. Micron, 2015, 72, 15-20.	2.2	20

#	ARTICLE	IF	CITATIONS
19	Increased risk for aplastic anemia and myelodysplastic syndrome in individuals lacking glutathione Sâ€transferase genes. <i>Pediatric Blood and Cancer</i> , 2004, 42, 122-126.	1.5	18
20	Differential dielectric responses of chondrocyte and Jurkat cells in electromanipulation buffers. <i>Electrophoresis</i> , 2015, 36, 1499-1506.	2.4	18
21	Membrane channel gene expression in human costal and articular chondrocytes. <i>Organogenesis</i> , 2016, 12, 94-107.	1.2	18
22	Decorin Expression, Straw-like Structure, and Differentiation of Human Costal Cartilage. <i>Connective Tissue Research</i> , 2012, 53, 415-421.	2.3	17
23	Dielectric characterization of costal cartilage chondrocytes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 146-152.	2.4	17
24	Arylamine N-acetyltransferase type 2 (NAT2), chromosome 8 aneuploidy, and identification of a novelNAT1 cosmid clone: An investigation in bladder cancer by interphase FISH. , 1999, 25, 376-383.		16
25	Dispersion state and toxicity of mwCNTs in cell culture medium with different T80 concentrations. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 78, 36-43.	5.0	16
26	Atomic force microscopy characterization of collagen â€nanostrawsâ€™™ in human costal cartilage. <i>Micron</i> , 2013, 44, 483-487.	2.2	11
27	Advancing our understanding of the inheritance and transmission of pectus excavatum. <i>Journal of Pediatric Genetics</i> , 2015, 01, 161-173.	0.7	10
28	Genetic Aberrations of <i>NAT2</i> and Chromosome 8: Their Association with Progression in Transitional Cell Carcinoma of the Urinary Bladder. <i>Urologia Internationalis</i> , 2001, 67, 235-239.	1.3	9
29	Nuclear receptor co-repressor gene localizes to 17p11.2, a frequently deleted band in malignant disorders. <i>Genes Chromosomes and Cancer</i> , 1999, 25, 191-193.	2.8	7
30	Variable number of tandem repeat polymorphisms (VNTRs) in the <i>ACAN</i> gene associated with pectus excavatum. <i>Clinical Genetics</i> , 2010, 78, 502-504.	2.0	7
31	Arylarnine N-acetyltransferase as a potential biornarker in bladder cancer: fluorescent in situ hybridization and irmunohistochernistry studies. <i>Biomarkers</i> , 1996, 1, 55-61.	1.9	6
32	Enhanced Killing Effect of Nanosecond Pulse Electric Fields on PANC1 and Jurkat Cell Lines in the Presence of Tween 80. <i>Journal of Membrane Biology</i> , 2012, 245, 611-616.	2.1	5
33	Rapid interphase FISH diagnosis of trisomy 18 on blood smears. <i>Lancet, The</i> , 1992, 340, 495.	13.7	4
34	Molecular Cytogenetic Analysis of Sperm from Infertile Males Undergoing Intracytoplasmic Sperm Injection. , 2000, 123, 307-322.		4
35	Nanosecond pulsed electric field induced changes in cell surface charge density. <i>Micron</i> , 2017, 100, 45-49.	2.2	3
36	Energy dissipation mapping of cancer cells. <i>Micron</i> , 2018, 105, 24-29.	2.2	3

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37	A Modified Nick Translation Method Used with FISH that Produces Reliable Results with Archival Tissue Sections. Molecular Biotechnology, 2002, 20, 257-260.	2.4	2
38	Fluorescence In Situ Hybridization on Sperm Using Alkaline Denaturation. BioTechniques, 2002, 33, 266-267.	1.8	1
39	A Distributed-Deflection Sensor With a Built-In Probe for Conformal Mechanical Measurements of Costal Cartilage at Its Exterior Surface. IEEE Sensors Journal, 2018, 18, 822-829.	4.7	1
40	Abnormal response of costal chondrocytes to acidosis in patients with chest wall deformity. Experimental and Molecular Pathology, 2019, 106, 27-33.	2.1	1
41	Stress Relaxation Measurement of Agar Using a Polymer-Based Microfluidic Device. , 2013,, .		0