

Michael N Alexis

List of Publications by Year in descending order

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66
papers

2,009
citations

236612

25
h-index

253896

43
g-index

66
all docs

66
docs citations

66
times ranked

2906
citing authors

#	ARTICLE	IF	CITATIONS
1	Coactivation of GR and NFkB alters the repertoire of their binding sites and target genes. <i>Genome Research</i> , 2011, 21, 1404-1416.	2.4	184
2	Pilot phase III immunotherapy study in early-stage breast cancer patients using oxidized mannan-MUC1 [ISRCTN71711835]. <i>Breast Cancer Research</i> , 2006, 8, R27.	2.2	150
3	Gender-dependent alterations in corticosteroid receptor status and spatial performance following 21 days of restraint stress. <i>Neuroscience</i> , 2004, 125, 47-55.	1.1	144
4	Interaction of skeletal myosin light chains with calcium ions. <i>Biochemistry</i> , 1978, 17, 2319-2325.	1.2	98
5	Perinatal exposure to low-dose bisphenol A affects the neuroendocrine stress response in rats. <i>Journal of Endocrinology</i> , 2014, 220, 207-218.	1.2	76
6	5 α ,8 α -Epidioxysterols from the gorgonian <i>Eunicella cavolini</i> and the ascidian <i>Trididemnum inarmatum</i> : Isolation and evaluation of their antiproliferative activity. <i>Steroids</i> , 2009, 74, 73-80.	0.8	74
7	A New Class of Phytoestrogens. <i>Chemistry and Biology</i> , 2004, 11, 397-406.	6.2	71
8	Spatial Performance and Corticosteroid Receptor Status in the 21-Day Restraint Stress Paradigm. <i>Annals of the New York Academy of Sciences</i> , 2004, 1018, 323-327.	1.8	68
9	Novel Dehydroepiandrosterone Derivatives with Antiapoptotic, Neuroprotective Activity. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 6569-6587.	2.9	50
10	Estrogenic Activity of Isoflavonoids from <i>Onobrychis ebenoides</i> . <i>Planta Medica</i> , 2006, 72, 488-493.	0.7	49
11	Design and synthesis of 1,2-dithiolane derivatives and evaluation of their neuroprotective activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 4223-4227.	1.0	47
12	Chroman/Catechol Hybrids: Synthesis and Evaluation of Their Activity against Oxidative Stress Induced Cellular Damage. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 300-306.	2.9	46
13	Glucocorticoid Receptor Gene Expression in the Embryonic Rat Brain. <i>Neuroendocrinology</i> , 1996, 63, 305-317.	1.2	45
14	Design and synthesis of novel neuroprotective 1,2-dithiolane/chroman hybrids. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 6432-6441.	1.4	43
15	Estrogen receptor α and β in uterine fibroids: a basis for altered estrogen responsiveness. <i>Fertility and Sterility</i> , 2008, 90, 1878-1885.	0.5	42
16	Engineered Chimeric Enzymes as Tools for Drug Discovery: Generating Reliable Bacterial Screens for the Detection, Discovery, and Assessment of Estrogen Receptor Modulators. <i>Journal of the American Chemical Society</i> , 2007, 129, 8443-8457.	6.6	40
17	Isoflavonoids from <i>Erythrina poeppigiana</i> : Evaluation of Their Binding Affinity for the Estrogen Receptor. <i>Journal of Natural Products</i> , 2009, 72, 1603-1607.	1.5	38
18	Subunit composition of the untransformed glucocorticoid receptor in the cytosol and in the cell. <i>FEBS Journal</i> , 1992, 204, 75-84.	0.2	36

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19	Synthesis of tropolone derivatives and evaluation of their in vitro neuroprotective activity. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 1107-1112.	2.6	36
20	Estrogen receptor beta 2 is associated with poor prognosis in estrogen receptor alpha-negative breast carcinoma. <i>Journal of Cancer Research and Clinical Oncology</i> , 2013, 139, 1489-1498.	1.2	36
21	Microarray analysis of the differential transformation mediated by Kirsten and Harvey Ras oncogenes in a human colorectal adenocarcinoma cell line. <i>International Journal of Cancer</i> , 2006, 118, 616-627.	2.3	35
22	Biological and computational evaluation of resveratrol inhibitors against Alzheimer's disease. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 67-77.	2.5	32
23	Isoxazole substituted chromans against oxidative stress-induced neuronal damage. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 4841-4850.	1.4	31
24	Cytotoxic effects of 2-arylbenzofuran phytoestrogens on human cancer cells: Modulation by adrenal and gonadal steroids. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007, 104, 228-236.	1.2	30
25	Quantitative Fluorescence Cytometric Measurement of Estrogen and Progesterone Receptors: Correlation with the Hormone Binding Assay. <i>Breast Cancer Research and Treatment</i> , 2003, 80, 1-13.	1.1	29
26	Ebenfurans IV-VIII from <i>Onobrychis ebenoides</i> : Evidence that C-Prenylation is the Key Determinant of the Cytotoxicity of 3-Formyl-2-arylbenzofurans. <i>Journal of Natural Products</i> , 2008, 71, 1934-1937.	1.5	26
27	Overexpressed glucocorticoid receptor negatively regulates gene expression under conditions that favour accumulation of non-hormone-binding forms of the receptor. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2003, 84, 171-180.	1.2	24
28	The estrogen receptor and polyphenols: molecular simulation studies of their interactions, a review. <i>Environmental Chemistry Letters</i> , 2006, 4, 159-174.	8.3	24
29	Natural and Nature-Derived Products Targeting Human Coronaviruses. <i>Molecules</i> , 2021, 26, 448.	1.7	24
30	Ester and carbamate ester derivatives of Biochanin A: Synthesis and in vitro evaluation of estrogenic and antiproliferative activities. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 2962-2970.	1.4	23
31	Phytochemical study and biological evaluation of chemical constituents of <i>Platanus orientalis</i> and <i>Platanus acerifolia</i> buds. <i>Phytochemistry</i> , 2016, 130, 170-181.	1.4	21
32	Glucocorticoid receptors in developing rat brain and liver. <i>The Journal of Steroid Biochemistry</i> , 1984, 20, 263-269.	1.3	20
33	Pregnanes with antiproliferative activity from the gorgonian <i>Eunicella cavolini</i> . <i>Tetrahedron</i> , 2008, 64, 11797-11801.	1.0	20
34	Comparison of thermal effects of stilbenoid analogs in lipid bilayers using differential scanning calorimetry and molecular dynamics: correlation of thermal effects and topographical position with antioxidant activity. <i>European Biophysics Journal</i> , 2011, 40, 865-875.	1.2	20
35	Activation and changes in the sedimentation properties of rat liver glucocorticoid receptor. <i>The Journal of Steroid Biochemistry</i> , 1983, 18, 655-663.	1.3	18
36	9,11-Secosterols with antiproliferative activity from the gorgonian <i>Eunicella cavolini</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 4537-4541.	1.4	18

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37	Phosphorylation and the Binding of Calcium and Magnesium to Skeletal Myosin. FEBS Journal, 1980, 110, 153-160.	0.2	15
38	Mechanisms of the Action of Zoledronic Acid on Human MG-63 Osteosarcoma Cells. Hormone and Metabolic Research, 2008, 40, 737-745.	0.7	15
39	Differential estrogen receptor subtype modulators: Assessment of estrogen receptor subtype-binding selectivity and transcription-regulating properties of new cycloalkyl pyrazoles. Journal of Steroid Biochemistry and Molecular Biology, 2009, 117, 159-167.	1.2	15
40	Discovery of New non-steroidal selective glucocorticoid receptor agonists. Journal of Steroid Biochemistry and Molecular Biology, 2019, 186, 142-153.	1.2	15
41	Synthesis of a second generation chroman/catechol hybrids and evaluation of their activity in protecting neuronal cells from oxidative stress-induced cell death. Bioorganic and Medicinal Chemistry, 2010, 18, 3898-3909.	1.4	14
42	Insights into ectopic estrogen receptor expression, nucleocytoplasmic distribution and interaction with chromatin obtained with new antibodies to estrogen receptors $\hat{1}\alpha$ and $\hat{1}\beta$. Steroids, 2011, 76, 974-985.	0.8	11
43	New hydroxystilbenoid derivatives endowed with neuroprotective activity and devoid of interference with estrogen and aryl hydrocarbon receptor-mediated transcription. Bioorganic and Medicinal Chemistry, 2011, 19, 339-351.	1.4	11
44	Estrogen receptor $\hat{1}\beta$ is inversely correlated with Ki-67 in hyperplastic and noninvasive neoplastic breast lesions. Journal of Cancer Research and Clinical Oncology, 2014, 140, 1057-1066.	1.2	11
45	Erymildbraedin A and B, two novel cytotoxic dimethylpyrano-isoflavones from the stem bark of <i>Erythrina mildbraedii</i> : evaluation of their activity toward endocrine cancer cells. Journal of Enzyme Inhibition and Medicinal Chemistry, 2010, 25, 228-233.	2.5	10
46	Pharmacoproteomic Study of the Natural Product Ebenfuran III in DU-145 Prostate Cancer Cells: The Quantitative and Temporal Interrogation of Chemically Induced Cell Death at the Protein Level. Journal of Proteome Research, 2013, 12, 1591-1603.	1.8	10
47	Peltogynoids and 2-Phenoxychromones from <i>Peltophorum pterocarpum</i> and Evaluation of Their Estrogenic Activity. Planta Medica, 2013, 79, 480-486.	0.7	10
48	Biological evaluation of isoflavonoids from <i>Genista halacsyi</i> using estrogen-target cells: Activities of glucosides compared to aglycones. PLoS ONE, 2019, 14, e0210247.	1.1	10
49	Temporary loss of glucocorticoid receptor-mediated regulation of gene expression in heat-shocked cells. FEBS Letters, 1995, 362, 309-315.	1.3	9
50	Heat-induced degradation of overexpressed glucocorticoid receptor. Journal of Steroid Biochemistry and Molecular Biology, 2005, 94, 93-101.	1.2	9
51	High affinity $17\hat{1}\alpha$ -substituted estradiol derivatives: Synthesis and evaluation of estrogen receptor agonist activity. Steroids, 2006, 71, 249-255.	0.8	8
52	Estrogenic activity of isoflavonoids from the stem bark of the tropical tree <i>Amphimas pterocarpoides</i> , a source of traditional medicines. Journal of Steroid Biochemistry and Molecular Biology, 2016, 158, 138-148.	1.2	8
53	Homo-dimers in rabbit skeletal myosin. FEBS Letters, 1976, 67, 119-121.	1.3	7
54	Regulation of tyrosine aminotransferase gene expression by glucocorticoids in quiescent and regenerating liver. Biochemical Journal, 1996, 320, 745-753.	1.7	7

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55	Estrogen receptors $\hat{1}^21$ and $\hat{1}^22$ are associated with distinct responses of estrogen receptor $\hat{1}\pm$ -positive breast carcinoma to adjuvant endocrine therapy. <i>Cancer Letters</i> , 2015, 358, 37-42.	3.2	7
56	Maintenance of glucocorticoid receptor function following severe heat-shock of heat-conditioned cells. <i>Molecular and Cellular Endocrinology</i> , 2003, 201, 97-108.	1.6	6
57	The Efficiency of Nuclear Processing of the Tyrosine Aminotransferase mRNA Transcript Increases after Partial Hepatectomy. <i>FEBS Journal</i> , 1994, 225, 797-803.	0.2	5
58	Glucocorticoid regulation of glycerolphosphate dehydrogenase expression in the developing rat brain. <i>Neurochemical Research</i> , 1995, 20, 285-290.	1.6	5
59	A novel quantitative flow cytometric method for measuring glucocorticoid receptor (GR) in cell lines: Correlation with the biochemical determination of GR. <i>Journal of Immunological Methods</i> , 2007, 324, 110-119.	0.6	5
60	The brominated flame retardants TBECH and DPTE alter prostate growth, histology and gene expression patterns in the mouse. <i>Reproductive Toxicology</i> , 2021, 102, 43-55.	1.3	4
61	Glucocorticoids: new insights into their molecular mechanisms. <i>Trends in Pharmacological Sciences</i> , 1987, 8, 10-11.	4.0	3
62	Glucocorticoid receptor structure as probed by endogenous proteases. <i>The Journal of Steroid Biochemistry</i> , 1988, 30, 225-231.	1.3	3
63	Elucidation of the binding mechanism of renin using a wide array of computational techniques and biological assays. <i>Journal of Molecular Graphics and Modelling</i> , 2015, 62, 138-149.	1.3	3
64	Design, synthesis, and biological evaluation of new raloxifene analogues of improved antagonist activity and endometrial safety. <i>Bioorganic Chemistry</i> , 2021, 106, 104482.	2.0	3
65	Pronounced enhancement of glucocorticoid-induced gene expression following severe heat shock of heat-conditioned cells hints to intricate cell survival tactics. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2005, 94, 209-217.	1.2	1
66	Isoflavonoid Profiling and Estrogen-Like Activity of Four Genista Species from the Greek Flora. <i>Molecules</i> , 2020, 25, 5507.	1.7	1