

Stephen J Ralph

List of Publications by Year in descending order

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71
papers

6,347
citations

61857

43
h-index

82410

72
g-index

74
all docs

74
docs citations

74
times ranked

8026
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting the redox imbalance in mitochondria: A novel mode for cancer therapy. <i>Mitochondrion</i> , 2022, 62, 50-73.	1.6	24
2	Tea tree oil extract causes mitochondrial superoxide production and apoptosis as an anticancer agent, promoting tumor infiltrating neutrophils cytotoxic for breast cancer to induce tumor regression. <i>Biomedicine and Pharmacotherapy</i> , 2021, 140, 111790.	2.5	7
3	Phase I/II parallel double-blind randomized controlled clinical trial of perispinal etanercept for chronic stroke: improved mobility and pain alleviation. <i>Expert Opinion on Investigational Drugs</i> , 2020, 29, 311-326.	1.9	23
4	Repurposing drugs as pro-oxidant redox modifiers to eliminate cancer stem cells and improve the treatment of advanced stage cancers. <i>Medicinal Research Reviews</i> , 2019, 39, 2397-2426.	5.0	26
5	Use of antipsychotics and benzodiazepines for dementia: Time for action? What will be required before global de-prescribing?. <i>Dementia</i> , 2019, 18, 2322-2339.	1.0	13
6	Increased All-Cause Mortality by Antipsychotic Drugs: Updated Review and Meta-Analysis in Dementia and General Mental Health Care. <i>Journal of Alzheimer's Disease Reports</i> , 2018, 2, 1-26.	1.2	104
7	Celecoxib inhibits mitochondrial O ₂ consumption, promoting ROS dependent death of murine and human metastatic cancer cells via the apoptotic signalling pathway. <i>Biochemical Pharmacology</i> , 2018, 154, 318-334.	2.0	51
8	Novel STAT binding elements mediate IL-6 regulation of MMP-1 and MMP-3. <i>Scientific Reports</i> , 2017, 7, 8526.	1.6	23
9	The in vitro and in vivo antiviral properties of combined monoterpene alcohols against West Nile virus infection. <i>Virology</i> , 2016, 495, 18-32.	1.1	24
10	Development of a potent melanoma vaccine capable of stimulating CD8+ T-cells independently of dendritic cells in a mouse model. <i>Cancer Immunology, Immunotherapy</i> , 2015, 64, 861-872.	2.0	5
11	Redox state influence on human galectin-1 function. <i>Biochimie</i> , 2015, 116, 8-16.	1.3	14
12	Hitting the Bull's-Eye in Metastatic Cancers—NSAIDs Elevate ROS in Mitochondria, Inducing Malignant Cell Death. <i>Pharmaceuticals</i> , 2015, 8, 62-106.	1.7	37
13	Immunomodulatory activity of <i>Melaleuca alternifolia</i> concentrate (MAC): Inhibition of LPS-induced NF- κ B activation and cytokine production in myeloid cell lines. <i>International Immunopharmacology</i> , 2015, 26, 257-264.	1.7	19
14	Who controls the ATP supply in cancer cells? Biochemistry lessons to understand cancer energy metabolism. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 50, 10-23.	1.2	158
15	Indoleamine-2,3-dioxygenase elevated in tumor-initiating cells is suppressed by mitocans. <i>Free Radical Biology and Medicine</i> , 2014, 67, 41-50.	1.3	27
16	HIF expression and the role of hypoxic microenvironments within primary tumours as protective sites driving cancer stem cell renewal and metastatic progression. <i>Carcinogenesis</i> , 2013, 34, 1699-1707.	1.3	153
17	Reactive oxygen species are generated by the respiratory complex—evidence for lack of contribution of the reverse electron flow in complex I. <i>FEBS Journal</i> , 2013, 280, 927-938.	2.2	60
18	Classification of mitocans, anti-cancer drugs acting on mitochondria. <i>Mitochondrion</i> , 2013, 13, 199-208.	1.6	199

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19	Human T Cell Leukemia Virus Type I Tax-Induced $\hat{\text{I}}^{\text{p}}\text{B-}\hat{\text{I}}^{\text{r}}$ Modulates Tax-Dependent and Tax-Independent Gene Expression in T Cells. <i>Neoplasia</i> , 2013, 15, 1110-1124.	2.3	10
20	REST Negatively and ISGF3 Positively Regulate the Human <i>STAT1</i> Gene in Melanoma. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 1288-1298.	1.9	9
21	Use of Anti-Cancer Drugs, Mitocans, to Enhance the Immune Responses against Tumors. <i>Current Pharmaceutical Biotechnology</i> , 2013, 14, 357-376.	0.9	19
22	Molecular mechanism for the selective impairment of cancer mitochondrial function by a mitochondrially targeted vitamin E analogue. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012, 1817, 1597-1607.	0.5	32
23	Galectin-1 as a potent target for cancer therapy: role in the tumor microenvironment. <i>Cancer and Metastasis Reviews</i> , 2012, 31, 763-778.	2.7	104
24	Inhibiting galectin-1 reduces murine lung metastasis with increased CD4+ and CD8+ T cells and reduced cancer cell adherence. <i>Clinical and Experimental Metastasis</i> , 2012, 29, 561-572.	1.7	66
25	Hippo/Mst1 Stimulates Transcription of the Proapoptotic Mediator <i>NOXA</i> in a FoxO1-Dependent Manner. <i>Cancer Research</i> , 2011, 71, 946-954.	0.4	91
26	Anticancer Drugs Targeting the Mitochondrial Electron Transport Chain. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 2951-2974.	2.5	79
27	The Potential Role of CD133 in Immune Surveillance and Apoptosis: A Mitochondrial Connection?. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 2989-3002.	2.5	8
28	Mitochondrial targeting of $\hat{\text{I}}^{\pm}$ -tocopheryl succinate enhances its pro-apoptotic efficacy: A new paradigm for effective cancer therapy. <i>Free Radical Biology and Medicine</i> , 2011, 50, 1546-1555.	1.3	100
29	Inhibitors of Succinate: Quinone Reductase/Complex II Regulate Production of Mitochondrial Reactive Oxygen Species and Protect Normal Cells from Ischemic Damage but Induce Specific Cancer Cell Death. <i>Pharmaceutical Research</i> , 2011, 28, 2695-2730.	1.7	108
30	Thiodigalactoside inhibits murine cancers by concurrently blocking effects of galectin-1 on immune dysregulation, angiogenesis and protection against oxidative stress. <i>Angiogenesis</i> , 2011, 14, 293-307.	3.7	84
31	Affinity of vitamin E analogues for the ubiquinone complex II site correlates with their toxicity to cancer cells. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 1543-1551.	1.5	9
32	Mitochondrial Targeting of Vitamin E Succinate Enhances Its Pro-apoptotic and Anti-cancer Activity via Mitochondrial Complex II. <i>Journal of Biological Chemistry</i> , 2011, 286, 3717-3728.	1.6	171
33	$\hat{\text{I}}^{\pm}$ -Tocopheryl succinate causes mitochondrial permeabilization by preferential formation of Bak channels. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010, 15, 782-794.	2.2	51
34	The determination of zinc, copper and iron oxidation state in invasive ductal carcinoma of breast tissue and normal surrounding tissue using XANES. <i>X-Ray Spectrometry</i> , 2010, 39, 332-337.	0.9	37
35	The Effect of Laser Irradiation on Proliferation of Human Breast Carcinoma, Melanoma, and Immortalized Mammary Epithelial Cells. <i>Photomedicine and Laser Surgery</i> , 2010, 28, 115-123.	2.1	43
36	Bioenergetic pathways in tumor mitochondria as targets for cancer therapy and the importance of the ROS-induced apoptotic trigger. <i>Molecular Aspects of Medicine</i> , 2010, 31, 29-59.	2.7	146

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37	The causes of cancer revisited: "Mitochondrial malignancy" and ROS-induced oncogenic transformation " Why mitochondria are targets for cancer therapy. <i>Molecular Aspects of Medicine</i> , 2010, 31, 145-170.	2.7	299
38	Galectin inhibitory disaccharides promote tumour immunity in a breast cancer model. <i>Cancer Letters</i> , 2010, 299, 95-110.	3.2	91
39	HIF-1α Modulates Energy Metabolism in Cancer Cells by Inducing Over-Expression of Specific Glycolytic Isoforms. <i>Mini-Reviews in Medicinal Chemistry</i> , 2009, 9, 1084-1101.	1.1	391
40	Suppression of Tumor Growth <i>In vivo</i> by the Mitocan Î±-tocopheryl Succinate Requires Respiratory Complex II. <i>Clinical Cancer Research</i> , 2009, 15, 1593-1600.	3.2	125
41	Mitochondria as targets for cancer therapy. <i>Molecular Nutrition and Food Research</i> , 2009, 53, 9-28.	1.5	83
42	Future use of mitocans against tumour-initiating cells?. <i>Molecular Nutrition and Food Research</i> , 2009, 53, 147-153.	1.5	7
43	Mitocans, a class of emerging anti-cancer drugs. <i>Molecular Nutrition and Food Research</i> , 2009, 53, 7-8.	1.5	81
44	Mitochondria as Targets for Cancer Therapy. , 2009, , 211-249.		1
45	Î±-Tocopheryl succinate induces apoptosis by targeting ubiquinone-binding sites in mitochondrial respiratory complex II. <i>Oncogene</i> , 2008, 27, 4324-4335.	2.6	266
46	Arsenic-Based Antineoplastic Drugs and Their Mechanisms of Action. <i>Metal-Based Drugs</i> , 2008, 2008, 1-13.	3.8	62
47	A Peptide Conjugate of Vitamin E Succinate Targets Breast Cancer Cells with High ErbB2 Expression. <i>Cancer Research</i> , 2007, 67, 3337-3344.	0.4	84
48	Vitamin E Analogs, a Novel Group of "Mitocans," as Anticancer Agents: The Importance of Being Redox-Silent. <i>Molecular Pharmacology</i> , 2007, 71, 1185-1199.	1.0	131
49	Vitamin E Analogues Inhibit Angiogenesis by Selective Induction of Apoptosis in Proliferating Endothelial Cells: The Role of Oxidative Stress. <i>Cancer Research</i> , 2007, 67, 11906-11913.	0.4	99
50	Tumour-initiating cells vs. cancer "stem" cells and CD133: What's in the name?. <i>Biochemical and Biophysical Research Communications</i> , 2007, 355, 855-859.	1.0	176
51	Vitamin E analogues as a novel group of mitocans: Anti-cancer agents that act by targeting mitochondria. <i>Molecular Aspects of Medicine</i> , 2007, 28, 607-645.	2.7	96
52	An Update on Malignant Melanoma Vaccine Research. <i>American Journal of Clinical Dermatology</i> , 2007, 8, 123-141.	3.3	20
53	Mitocans as anti-cancer agents targeting mitochondria: lessons from studies with vitamin E analogues, inhibitors of complex II. <i>Journal of Bioenergetics and Biomembranes</i> , 2007, 39, 65-72.	1.0	116
54	Molecular mechanism of "mitocan"-induced apoptosis in cancer cells epitomizes the multiple roles of reactive oxygen species and Bcl-2 family proteins. <i>FEBS Letters</i> , 2006, 580, 5125-5129.	1.3	166

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55	Mitocans: Mitochondrial Targeted Anti-Cancer Drugs as Improved Therapies and Related Patent Documents. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2006, 1, 327-346.	0.8	86
56	Use of Cytokines in Cancer Vaccines/Immunotherapy: Recent Developments Improve Survival Rates for Patients with Metastatic Malignancy. <i>Current Pharmaceutical Design</i> , 2005, 11, 3511-3530.	0.9	16
57	Inhibitory Effects Associated with Use of Modified <i>Photinus pyralis</i> and <i>Renilla reniformis</i> Luciferase Vectors in Dual Reporter Assays and Implications for Analysis of ISGs. <i>Journal of Interferon and Cytokine Research</i> , 2005, 25, 92-102.	0.5	8
58	Enhancing CTL responses to melanoma cell vaccines in vivo : synergistic increases obtained using IFN γ primed and IFN β treated B7-1 + B16-F10 melanoma cells. <i>Immunology and Cell Biology</i> , 2003, 81, 459-471.	1.0	18
59	Isolation and Characterization of a Human STAT1 Gene Regulatory Element. <i>Journal of Biological Chemistry</i> , 2002, 277, 19408-19417.	1.6	84
60	Bcl-2 and Mitochondrial Oxygen Radicals. <i>Journal of Biological Chemistry</i> , 1999, 274, 29831-29837.	1.6	160
61	IFI60/ISG60/IFIT4, a New Member of the Human IFI54/IFIT2 Family of Interferon-Stimulated Genes. <i>Genomics</i> , 1998, 54, 267-277.	1.3	53
62	Interferon-resistant Human Melanoma Cells Are Deficient in ISGF3 Components, STAT1, STAT2, and p48-ISGF3 β . <i>Journal of Biological Chemistry</i> , 1997, 272, 28779-28785.	1.6	215
63	The SH2 domains of Stat1 and Stat2 mediate multiple interactions in the transduction of IFN-alpha signals. <i>EMBO Journal</i> , 1996, 15, 1075-84.	3.5	48
64	Mitochondrial respiratory chain inhibitors induce apoptosis. <i>FEBS Letters</i> , 1994, 339, 40-44.	1.3	371
65	Lipopolysaccharide- and interferon-gamma-induced expression of hck and lyn tyrosine kinases in murine bone marrow-derived macrophages. <i>Oncogene</i> , 1992, 7, 703-10.	2.6	104
66	Two isoforms of murine hck, generated by utilization of alternative translational initiation codons, exhibit different patterns of subcellular localization.. <i>Molecular and Cellular Biology</i> , 1991, 11, 4363-4370.	1.1	115
67	Alternatively spliced murine lyn mRNAs encode distinct proteins.. <i>Molecular and Cellular Biology</i> , 1991, 11, 3399-3406.	1.1	74
68	Two novel protein-tyrosine kinases, each with a second phosphotransferase-related catalytic domain, define a new class of protein kinase.. <i>Molecular and Cellular Biology</i> , 1991, 11, 2057-2065.	1.1	472
69	The application of the polymerase chain reaction to cloning members of the protein tyrosine kinase family. <i>Gene</i> , 1989, 85, 67-74.	1.0	86
70	Structural Studies of T200 Glycoprotein and the Il-2 Receptor. <i>Journal of Receptors and Signal Transduction</i> , 1987, 7, 133-155.	1.2	3
71	Cell-lineage antigens of the stem cell-megakaryocyte-platelet lineage are associated with the platelet IIb-IIIa glycoprotein complex. <i>Blood</i> , 1985, 66, 76-85.	0.6	2