

James E Trosko

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7831467/publications.pdf>

Version: 2024-02-01

143
papers

6,323
citations

71102

41
h-index

76900

74
g-index

144
all docs

144
docs citations

144
times ranked

5191
citing authors

#	ARTICLE	IF	CITATIONS
1	Oct4 expression in adult human stem cells: evidence in support of the stem cell theory of carcinogenesis. <i>Carcinogenesis</i> , 2004, 26, 495-502.	2.8	522
2	Cell-cell communication in carcinogenesis. <i>Frontiers in Bioscience - Landmark</i> , 1998, 3, d208-236.	3.0	447
3	Use and Application of Stem Cells in Toxicology. <i>Toxicological Sciences</i> , 2004, 79, 214-223.	3.1	257
4	Inhibition of Gap Junctional Intercellular Communication by Perfluorinated Compounds in Rat Liver and Dolphin Kidney Epithelial Cell Lines in Vitro and Sprague-Dawley Rats in Vivo. <i>Toxicological Sciences</i> , 2002, 68, 429-436.	3.1	188
5	Changes in gap-junction permeability, phosphorylation, and number mediated by phorbol ester and non-phorbol-ester tumor promoters in rat liver epithelial cells. <i>Molecular Carcinogenesis</i> , 1994, 10, 226-236.	2.7	160
6	Gap Junctions and the Regulation of Cellular Functions of Stem Cells during Development and Differentiation. <i>Methods</i> , 2000, 20, 245-264.	3.8	154
7	Inhibition of gap junctional intercellular communication by perfluorinated fatty acids is dependent on the chain length of the fluorinated tail. <i>International Journal of Cancer</i> , 1998, 78, 491-495.	5.1	143
8	Methylene Blue Dye Test for Rapid Qualitative Detection of Hydroxyl Radicals Formed in a Fenton's Reaction Aqueous Solution. <i>Environmental Science & Technology</i> , 2007, 41, 2881-2887.	10.0	132
9	Metformin Represses Self-Renewal of the Human Breast Carcinoma Stem Cells via Inhibition of Estrogen Receptor-Mediated OCT4 Expression. <i>PLoS ONE</i> , 2011, 6, e28068.	2.5	128
10	Cell Population Dynamics (Apoptosis, Mitosis, and Cell-Cell Communication) during Disruption of Homeostasis. <i>Experimental Cell Research</i> , 2000, 254, 257-268.	2.6	121
11	The emperor wears no clothes in the field of carcinogen risk assessment: ignored concepts in cancer risk assessment. <i>Mutagenesis</i> , 2005, 20, 81-92.	2.6	114
12	Inhibition of connexin43 gap junctional intercellular communication by TPA requires ERK activation. <i>Journal of Cellular Biochemistry</i> , 2001, 83, 163-169.	2.6	112
13	From Adult Stem Cells to Cancer Stem Cells: Oct-4 Gene, Cell-Cell Communication, and Hormones during Tumor Promotion. <i>Annals of the New York Academy of Sciences</i> , 2006, 1089, 36-58.	3.8	109
14	A Human Breast Epithelial Cell Type with Stem Cell Characteristics as Target Cells for Carcinogenesis. <i>Radiation Research</i> , 2001, 155, 201-207.	1.5	108
15	Mechanism of up-regulated gap junctional intercellular communication during chemoprevention and chemotherapy of cancer. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2001, 480-481, 219-229.	1.0	106
16	The Role of Stem Cells and Gap Junctional Intercellular Communication in Carcinogenesis. <i>BMB Reports</i> , 2003, 36, 43-48.	2.4	100
17	Ignored Hallmarks of Carcinogenesis: Stem Cells and Cell-Cell Communication. <i>Annals of the New York Academy of Sciences</i> , 2004, 1028, 192-201.	3.8	93
18	Intercellular communication may facilitate apoptosis: Implications for tumor promotion. <i>Molecular Carcinogenesis</i> , 1994, 11, 8-12.	2.7	89

#	ARTICLE	IF	CITATIONS
19	Prevention of the down-regulation of gap junctional intercellular communication by green tea in the liver of mice fed pentachlorophenol. <i>Carcinogenesis</i> , 2000, 21, 1671-1676.	2.8	89
20	Commentary: Is the concept of "tumor promotion" a useful paradigm?. <i>Molecular Carcinogenesis</i> , 2001, 30, 131-137.	2.7	89
21	Oxidative-Dependent Integration of Signal Transduction with Intercellular Gap Junctional Communication in the Control of Gene Expression. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 297-307.	5.4	79
22	Stem Cells in Toxicology: Fundamental Biology and Practical Considerations. <i>Toxicological Sciences</i> , 2011, 120, S269-S289.	3.1	79
23	Gap Junctional Intercellular Communication as a Biological "Rosetta Stone" in Understanding, in a Systems Biological Manner, Stem Cell Behavior, Mechanisms of Epigenetic Toxicology, Chemoprevention and Chemotherapy. <i>Journal of Membrane Biology</i> , 2007, 218, 93-100.	2.1	75
24	Localization and function of the connexin 43 gap-junction protein in normal and various oncogene-expressing rat liver epithelial cells. <i>Molecular Carcinogenesis</i> , 1996, 16, 203-212.	2.7	74
25	Inhibition of Gap Junctional Intercellular Communication by Noncoplanar Polychlorinated Biphenyls: Inhibitory Potencies and Screening for Potential Mode(s) of Action. <i>Toxicological Sciences</i> , 2003, 76, 102-111.	3.1	71
26	Adult Stem Cell Theory of the Multi-Stage, Multi-Mechanism Theory of Carcinogenesis: Role of Inflammation on the Promotion of Initiated Stem Cells. , 2006, 13, 45-65.		71
27	Inhibition of metabolic cooperation in Chinese hamster V79 cells in culture by various polybrominated biphenyl (PBB) congeners. <i>Carcinogenesis</i> , 1982, 3, 181-185.	2.8	69
28	Isolation and characterization of a UV-sensitive hypermutable aphidicolin-resistant Chinese hamster cell line. <i>Somatic Cell Genetics</i> , 1982, 7, 235-253.	2.7	69
29	The role of inhibited cell-cell communication in teratogenesis. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1982, 2, 31-45.	0.8	66
30	Polybrominated biphenyls as promoters in experimental hepatocarcinogenesis in rats. <i>Carcinogenesis</i> , 1982, 3, 1183-1186.	2.8	64
31	Epigenetics and cancer: implications for drug discovery and safety assessment. <i>Toxicology and Applied Pharmacology</i> , 2004, 196, 422-430.	2.8	64
32	Structure-Activity-Dependent Regulation of Cell Communication by Perfluorinated Fatty Acids using <i>in Vivo</i> and <i>in Vitro</i> Model Systems. <i>Environmental Health Perspectives</i> , 2009, 117, 545-551.	6.0	59
33	Reversal of frax-induced inhibition of gap-junctional intercellular communication, transformation, and tumorigenesis by lovastatin. <i>Molecular Carcinogenesis</i> , 1993, 7, 50-59.	2.7	54
34	Modulation of cell-cell communication in the cause and chemoprevention/chemotherapy of cancer. <i>BioFactors</i> , 2000, 12, 259-263.	5.4	53
35	Augmentation of differentiation and gap junction function by kaempferol in partially differentiated colon cancer cells. <i>Carcinogenesis</i> , 2004, 26, 665-671.	2.8	53
36	Tumor promoting properties of a cigarette smoke prevalent polycyclic aromatic hydrocarbon as indicated by the inhibition of gap junctional intercellular communication via phosphatidylcholine-specific phospholipase C. <i>Cancer Science</i> , 2008, 99, 696-705.	3.9	49

#	ARTICLE	IF	CITATIONS
37	Inhibition of apoptosis by pentachlorophenol in v-myc-transfected rat liver epithelial cells: relation to down-regulation of gap junctional intercellular communication. <i>Cancer Letters</i> , 2001, 173, 163-174.	7.2	48
38	Determination of the epigenetic effects of ochratoxin in a human kidney and a rat liver epithelial cell line. <i>Toxicol</i> , 2002, 40, 273-282.	1.6	48
39	Suberoylanilide Hydroxamic Acid Enhances Gap Junctional Intercellular Communication via Acetylation of Histone Containing Connexin 43 Gene Locus. <i>Cancer Research</i> , 2005, 65, 9771-9778.	0.9	48
40	Redox-Mediated Enrichment of Self-Renewing Adult Human Pancreatic Cells That Possess Endocrine Differentiation Potential. <i>Pancreas</i> , 2004, 29, e64-e76.	1.1	45
41	Concentrations of methylated naphthalenes, anthracenes, and phenanthrenes occurring in Czech river sediments and their effects on toxic events associated with carcinogenesis in rat liver cell lines. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 2308-2316.	4.3	43
42	Challenge to the simple paradigm that 'carcinogens' are 'mutagens' and to the in vitro and in vivo assays used to test the paradigm. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1997, 373, 245-249.	1.0	42
43	Profiling Cancer Stem Cells in Androgen-Responsive and Refractory Human Prostate Tumor Cell Lines. <i>Annals of the New York Academy of Sciences</i> , 2009, 1155, 257-262.	3.8	42
44	Homologous and heterologous Gap-junctional intercellular communication in v-raf-, v-myc-, and v-raf/v-myc-transduced rat liver epithelial cell lines. <i>Molecular Carcinogenesis</i> , 1992, 5, 301-310.	2.7	40
45	Neoplastic phenotype of gap-junctional intercellular communication-deficient WB rat liver epithelial cells and its reversal by forced expression of connexin 32. <i>Molecular Carcinogenesis</i> , 1998, 22, 120-127.	2.7	40
46	Melatonin decreases estrogen receptor binding to estrogen response elements sites on the OCT4 gene in human breast cancer stem cells. <i>Genes and Cancer</i> , 2016, 7, 209-217.	1.9	40
47	Potential role of the human Ha-ras oncogene in the inhibition of gap junctional intercellular communication. <i>Molecular Carcinogenesis</i> , 1989, 2, 131-135.	2.7	38
48	Reduced gap junctional intercellular communication and altered biological effects in mouse osteoblast and rat liver oval cell lines transfected with dominant-negative connexin 43. <i>Molecular Carcinogenesis</i> , 2003, 37, 192-201.	2.7	38
49	Involvement of tyrosine phosphorylation of p185c-erbB2/neu in tumorigenicity induced by x-rays and the neu oncogene in human breast epithelial cells. <i>Molecular Carcinogenesis</i> , 1998, 21, 225-233.	2.7	37
50	Cannabinoids inhibit gap junctional intercellular communication and activate ERK in a rat liver epithelial cell line. <i>International Journal of Cancer</i> , 2003, 104, 12-18.	5.1	37
51	Inhibition of Gap Junctional Intercellular Communication and Activation of Mitogen-Activated Protein Kinase by Tumor-Promoting Organic Peroxides and Protection by Resveratrol. <i>Nutrition and Cancer</i> , 2007, 57, 38-47.	2.0	37
52	Inhibited Intercellular Communication as a Mechanistic Link Between Teratogenesis and Carcinogenesis. <i>CRC Critical Reviews in Toxicology</i> , 1985, 16, 157-183.	4.9	35
53	GAP-JUNCTION COMMUNICATION IN CHEMICAL CARCINOGENESIS. <i>Drug Metabolism Reviews</i> , 2001, 33, 117-121.	3.6	33
54	Anisomycin downregulates gap-junctional intercellular communication via the p38 MAP-kinase pathway. <i>Journal of Cell Science</i> , 2004, 117, 2087-2096.	2.0	33

#	ARTICLE	IF	CITATIONS
55	The gap junction as a "Biological Rosetta Stone" implications of evolution, stem cells to homeostatic regulation of health and disease in the Barker hypothesis. <i>Journal of Cell Communication and Signaling</i> , 2011, 5, 53-66.	3.4	32
56	Dietary Modulation of the Multistage, Multimechanisms of Human Carcinogenesis: Effects on Initiated Stem Cells and Cell-Cell Communication. <i>Nutrition and Cancer</i> , 2006, 54, 102-110.	2.0	31
57	The chemopreventive role of dietary phytochemicals through gap junctional intercellular communication. <i>Phytochemistry Reviews</i> , 2012, 11, 285-307.	6.5	31
58	Evaluation of the carcinogenic potential of 2,4-dinitrofluorobenzene and its implications regarding mutagenicity testing. <i>Carcinogenesis</i> , 1982, 3, 139-145.	2.8	29
59	Human stem cells as targets for the aging and diseases of aging processes. <i>Medical Hypotheses</i> , 2003, 60, 439-447.	1.5	28
60	Induction of iPS Cells and of Cancer Stem Cells: The Stem Cell or Reprogramming Hypothesis of Cancer?. <i>Anatomical Record</i> , 2014, 297, 161-173.	1.4	28
61	Phosphatidylcholine Specific PLC-Induced Dysregulation of Gap Junctions, a Robust Cellular Response to Environmental Toxicants, and Prevention by Resveratrol in a Rat Liver Cell Model. <i>PLoS ONE</i> , 2015, 10, e0124454.	2.5	28
62	Evolution of Energy Metabolism, Stem Cells and Cancer Stem Cells: How the Warburg and Barker Hypotheses Might Be Linked. <i>International Journal of Stem Cells</i> , 2012, 5, 39-56.	1.8	28
63	Restoration of gap-junctional intercellular communication in a communication-deficient rat liver cell mutant by transfection with connexin 43 cDNA. <i>Molecular Carcinogenesis</i> , 1993, 8, 234-244.	2.7	27
64	Regulation of cell-to-cell communication in non-tumorigenic and malignant human prostate epithelial cells. <i>Prostate</i> , 2002, 50, 73-82.	2.3	27
65	Characterization of Gap Junctional Intercellular Communication in Immortalized Human Pancreatic Ductal Epithelial Cells With Stem Cell Characteristics. <i>Pancreas</i> , 2003, 26, e18-e26.	1.1	27
66	Low-dose ionizing radiation: induction of differential intracellular signalling possibly affecting intercellular communication. <i>Radiation and Environmental Biophysics</i> , 2005, 44, 3-9.	1.4	27
67	Cigarette smoke components inhibited intercellular communication and differentiation in human pancreatic ductal epithelial cells. <i>International Journal of Cancer</i> , 2007, 120, 1855-1862.	5.1	27
68	Pro-Apoptotic Effect of Grape Seed Extract on MCF-7 Involves Transient Increase of Gap Junction Intercellular Communication and Cx43 Up-Regulation: A Mechanism of Chemoprevention. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3244.	4.1	27
69	In situ PYRIMIDINE DIMER DETERMINATION BY LASER CYTOMETRY. <i>Photochemistry and Photobiology</i> , 1989, 49, 523-526.	2.5	26
70	Correlation of increased levels of Ha-ras T24 protein with extent of loss of gap junction function in rat liver epithelial cells. <i>Molecular Carcinogenesis</i> , 1992, 5, 205-212.	2.7	25
71	Effect of selected pesticides and their ozonation by-products on gap junctional intercellular communication using rat liver epithelial cell lines. <i>Chemosphere</i> , 2001, 44, 457-465.	8.2	25
72	Human Adult Stem Cells as the Target Cells for the Initiation of Carcinogenesis and for the Generation of "Cancer Stem Cells". <i>International Journal of Stem Cells</i> , 2008, 1, 8-26.	1.8	25

#	ARTICLE	IF	CITATIONS
73	The Role of Modulated Gap Junctional Intercellular Communication in Epigenetic Toxicology. Risk Analysis, 1994, 14, 303-312.	2.7	24
74	Role of Stem Cells and Gap Junctional Intercellular Communication in Human Carcinogenesis. Radiation Research, 2001, 155, 175-180.	1.5	24
75	Assessment of Hepatotoxic Potential of Cyanobacterial Toxins Using 3D In Vitro Model of Adult Human Liver Stem Cells. Environmental Science & Technology, 2018, 52, 10078-10088.	10.0	24
76	RELATIONSHIP BETWEEN MUTAGENESIS AND CARCINOGENESIS*. Photochemistry and Photobiology, 1978, 28, 157-168.	2.5	23
77	Commentary: "Re-Programming or Selecting Adult Stem Cells?" Stem Cell Reviews and Reports, 2008, 4, 81-88.	5.6	23
78	β-Sitosterol From Psyllium Seed Husk (Plantago ovata Forsk) Restores Gap Junctional Intercellular Communication in Ha-ras Transfected Rat Liver Cells. Nutrition and Cancer, 2005, 51, 218-225.	2.0	22
79	Isolation and differentiation of bovine mammary gland progenitor cell populations. American Journal of Veterinary Research, 2003, 64, 396-403.	0.6	21
80	A Paradigm Shift is Required for the Risk Assessment of Potential Human Health After Exposure to Low Level Chemical Exposures. International Journal of Toxicology, 2010, 29, 344-357.	1.2	21
81	Isolation and partial characterization of mutagen-sensitive and DNA repair mutants of chinese hamster fibroblasts. Environmental Mutagenesis, 1981, 3, 53-64.	1.4	20
82	Effects of fatty acids on gap junctional communication: Possible role in tumor promotion by dietary fat. Lipids, 1987, 22, 445-454.	1.7	20
83	Human health consequences of environmentally-modulated gene expression: potential roles of ELF-EMF induced epigenetic versus mutagenic mechanisms of disease. Bioelectromagnetics, 2000, 21, 402-406.	1.6	19
84	On the potential origin and characteristics of cancer stem cells. Carcinogenesis, 2021, 42, 905-912.	2.8	19
85	Mutational approaches to the study of carcinogenesis. Journal of Toxicology and Environmental Health - Part A: Current Issues, 1977, 2, 1317-1334.	2.3	18
86	Synergistic inhibition of metabolic cooperation by oleic acid or 12-O-tetradecanoylphorbol-13-acetate and dichlorodiphenyltrichlorethane (DDT) in Chinese hamster V79 cells: Implication of a role for protein kinase C in the regulation of gap junctional intercellular communication. Cell Biology and Toxicology, 1989, 5, 27-37.	5.3	18
87	Evolution of Microbial Quorum Sensing to Human Global Quorum Sensing: An Insight into How Gap Junctional Intercellular Communication Might Be Linked to the Global Metabolic Disease Crisis. Biology, 2016, 5, 29.	2.8	18
88	The Epigenetic Toxicity of Pyrene and Related Ozonation Byproducts Containing an Aldehyde Functional Group. Environmental Science & Technology, 2001, 35, 3576-3583.	10.0	17
89	Biphasic Lindane-Induced Oxidation of Glutathione and Inhibition of Gap Junctions in Myometrial Cells. Toxicological Sciences, 2005, 86, 417-426.	3.1	17
90	3-Methylthiopropionic Acid Ethyl Ester, Isolated from Katsura-uri (Japanese pickling melon, Cucumis) and Food Chemistry, 2008, 56, 2977-2984.	5.2	17

#	ARTICLE	IF	CITATIONS
91	Cancer Prevention and Therapy of Two Types of Gap Junctional Intercellular Communication—Deficient —Cancer Stem Cell—, <i>Cancers</i> , 2019, 11, 87.	3.7	17
92	Inhibition of metabolic cooperation by the anticonvulsants, diphenylhydantoin and phenobarbital. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1985, 5, 379-391.	0.8	16
93	Membrane Channel Connexin 32 Maintains Lin ⁺ /c-kit+ Hematopoietic Progenitor Cell Compartment: Analysis of the Cell Cycle. <i>Journal of Membrane Biology</i> , 2007, 217, 105-113.	2.1	16
94	Oxidative stress-induced biomarkers for stem cell-based chemical screening. <i>Preventive Medicine</i> , 2012, 54, S42-S49.	3.4	16
95	Inhibition of metabolic coupling by metals. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1991, 32, 33-48.	2.3	15
96	MX, a by-product of water chlorination, lacks in vivo genotoxicity in gpt delta mice but inhibits gap junctional intercellular communication in rat WB cells. <i>Environmental and Molecular Mutagenesis</i> , 2006, 47, 48-55.	2.2	15
97	Commentary on —Toxicity Testing in the 21st Century: A vision and a Strategy—™™; Stem Cells and Cell-Cell Communication as Fundamental Targets in Assessing the Potential Toxicity of Chemicals. <i>Human and Experimental Toxicology</i> , 2010, 29, 21-29.	2.2	15
98	Chemopreventive Agents Attenuate Rapid Inhibition of Gap Junctional Intercellular Communication Induced by Environmental Toxicants. <i>Nutrition and Cancer</i> , 2016, 68, 827-837.	2.0	15
99	Isolation and Characterization of Normal Adult Human Epithelial Pluripotent Stem Cells. <i>Oncology Research</i> , 2003, 13, 353-357.	1.5	14
100	psyllium extracts decreased neoplastic phenotypes induced by the Ha-Ras oncogene transfected into a rat liver oval cell line. <i>Cancer Letters</i> , 2004, 203, 13-24.	7.2	14
101	Oxidative stress, signal transduction, and intercellular communication in radiation carcinogenesis. <i>Stem Cells</i> , 1997, 15, 59-67.	3.2	14
102	Methoxychlor and Vinclozolin Induce Rapid Changes in Intercellular and Intracellular Signaling in Liver Progenitor Cells. <i>Toxicological Sciences</i> , 2016, 153, 174-185.	3.1	14
103	Differential roles of 2, 6, and 8 carbon ceramides on the modulation of gap junctional communication and apoptosis during carcinogenesis. <i>Cancer Letters</i> , 2003, 191, 27-34.	7.2	13
104	The role of human adult stem cells and cell—cell communication in cancer chemoprevention and chemotherapy strategies. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 591, 187-197.	1.0	13
105	Modulation by aspirin and naproxen of nucleotide alterations and tumors in the lung of mice exposed to environmental cigarette smoke since birth. <i>Carcinogenesis</i> , 2015, 36, bgv149.	2.8	13
106	Genes, pollutants and human diseases. <i>Quarterly Reviews of Biophysics</i> , 1978, 11, 603-627.	5.7	11
107	The mutation studies of mutagen-sensitive and dna repair mutants of chinese hamster fibroblasts. <i>Environmental Mutagenesis</i> , 1981, 3, 141-150.	1.4	11
108	Growth suppression of a tumorigenic rat liver cell line by the anticancer agent, ET-18-O-CH ₃ , is mediated by inhibition of cytokinesis. <i>Cancer Chemotherapy and Pharmacology</i> , 2003, 51, 209-215.	2.3	11

#	ARTICLE	IF	CITATIONS
109	A Conceptual Integration of Extra-, Intra- and Gap Junctional- Intercellular Communication in the Evolution of Multi-cellularity and Stem Cells: How Disrupted Cell-Cell Communication during Development can Affect Diseases later in Life. <i>International Journal of Stem Cell Research and Therapy</i> , 2016, 3, .	1.0	11
110	EFFECT OF BYPRODUCTS FROM THE OZONATION OF PYRENE: BIPHENYL-2,2,6,6-TETRACARBALDEHYDE AND BIPHENYL-2,2,6,6-TETRACARBOXYLIC ACID ON GAP JUNCTION INTERCELLULAR COMMUNICATION AND NEUTROPHIL FUNCTION. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 733.	4.3	10
111	Divergent Roles for Glutathione in Lindane-Induced Acute and Delayed-Onset Inhibition of Rat Myometrial Gap Junctions. <i>Toxicological Sciences</i> , 2005, 85, 694-702.	3.1	10
112	Induction by 7,12-dimethylbenz(a)anthracene of molecular and biochemical alterations in transformed human mammary epithelial stem cells, and protection by N-acetylcysteine. <i>International Journal of Oncology</i> , 2006, 29, 521.	3.3	9
113	Applicability of Scrape Loading-Dye Transfer Assay for Non-Genotoxic Carcinogen Testing. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8977.	4.1	9
114	Hexamethylene bisacetamide protects peritoneal mesothelial cells from glucose. <i>Kidney International</i> , 2001, 60, 996-1008.	5.2	8
115	Epigenetic Toxicity of Hydroxylated Biphenyls and Hydroxylated Polychlorinated Biphenyls on Normal Rat Liver Epithelial Cells. <i>Environmental Science & Technology</i> , 2003, 37, 2727-2733.	10.0	8
116	What roles do colon stem cells and gap junctions play in the left and right location of origin of colorectal cancers?. <i>Journal of Cell Communication and Signaling</i> , 2017, 11, 79-87.	3.4	8
117	Ready to go 3D? A semi-automated protocol for microwell spheroid arrays to increase scalability and throughput of 3D cell culture testing. <i>Toxicology Mechanisms and Methods</i> , 2020, 30, 590-604.	2.7	8
118	Adult Stem Cells, the Barker Hypothesis, Epigenetic Events, and Low-Level Radiation Effects. , 2009, , 216-226.		7
119	Regulation of Glycoconjugate Metabolism in Normal and Transformed Cells. <i>ACS Symposium Series</i> , 1980, , 241-263.	0.5	6
120	Serum from outdated human platelet concentrates: An alternative supplement for tissue (fibroblast) culture media. <i>American Journal of Hematology</i> , 1984, 17, 23-27.	4.1	6
121	A Historical Perspective for the Development of Mechanistic-Based 3D Models of Toxicology Using Human Adult Stem Cells. <i>Toxicological Sciences</i> , 2018, 165, 6-9.	3.1	6
122	A Novel Variant of Entitled OCT4B3 is Expressed in Human Bladder Cancer and Astrocytoma Cell Lines. <i>Avicenna Journal of Medical Biotechnology</i> , 2017, 9, 142-145.	0.3	6
123	Anchored cell analysis/sorting coupled with the scrape-loading/dye-transfer technique to quantify inhibition of gap-junctional intercellular communication in WB-F344 cells by 2,2',4,4',5,5'-hexabromobiphenyl. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1988, 24, 261-271.	2.3	5
124	Reflections on the use of 10 IARC carcinogenic characteristics for an objective approach to identifying and organizing results from certain mechanistic studies. <i>Toxicology Research and Application</i> , 2017, 1, 239784731771083.	0.6	5
125	Concentration/response effect of 2,2', 4,4', 5,5'-hexabromobiphenyl on cell-cell communication in vitro: assessment by fluorescence redistribution after photobleaching (FRAP). <i>Cell Biology and Toxicology</i> , 1988, 4, 163-171.	5.3	4
126	Concepts needed to understand potential health effects of chronic low-level radiation exposures: Role of adult stem cells and modulated cell-cell communication. <i>International Congress Series</i> , 2007, 1299, 101-113.	0.2	4

#	ARTICLE	IF	CITATIONS
127	Evolution of energy metabolism, stem cells and cancer stem cells: how the Warburg and Barker hypothesis might be linked. BMC Proceedings, 2013, 7, K8.	1.6	4
128	“Bad Luck Mutations”: DNA Mutations Are not the Whole Answer to Understanding Cancer Risk. Dose-Response, 2017, 15, 155932581771658.	1.6	4
129	Categorizing the characteristics of human carcinogens: a need for specificity. Archives of Toxicology, 2021, 95, 2883-2889.	4.2	4
130	Cancer: A Stem Cell-based Disease?. , 2009, , 185-222.		4
131	The Long Evolutionary Journey of Cancer from Ancestor to Modern Humans. Critical Reviews in Oncogenesis, 2017, 22, 323-352.	0.4	4
132	The Concept of “Cancer Stem Cells” in the Context of Classic Carcinogenesis Hypotheses and Experimental Findings. Life, 2021, 11, 1308.	2.4	4
133	Hallmarks of radiation carcinogenesis: ignored concepts. International Congress Series, 2003, 1258, 31-36.	0.2	3
134	The Role of the Mitochondria in the Evolution of Stem Cells, Including MUSE Stem Cells and Their Biology. Advances in Experimental Medicine and Biology, 2018, 1103, 131-152.	1.6	3
135	What Can Chemical Carcinogenesis Shed Light on the LNT Hypothesis in Radiation Carcinogenesis?. Dose-Response, 2019, 17, 155932581987679.	1.6	3
136	Inhibition of gap junctional intercellular communication in rat liver epithelial cells with transforming RNA. FEBS Letters, 2001, 491, 200-206.	2.8	2
137	From bacteria to humans: Lessons learned from a reductionist's view of ultraviolet light-induced DNA lesions. Environmental and Molecular Mutagenesis, 2001, 38, 118-121.	2.2	2
138	Actin and Vimentin proteins with N-terminal deletion detected in tumor-bearing rat livers induced by intraportal vein injection of Ha-ras transduced rat liver cells. International Journal of Cancer, 2009, 124, 2512-2519.	5.1	2
139	Inhibition of gap junctional intercellular communication by perfluorinated fatty acids is dependent on the chain length of the fluorinated tail. , 1998, 78, 491.		2
140	Scientific Concepts of Human Nature and Their Implications to Bioethics in a Scientific and Technologically-Altered World. Global Bioethics, 2001, 14, 33-36.	1.5	1
141	Commentary: Is the concept of “tumor promotion” a useful paradigm?. Molecular Carcinogenesis, 2001, 30, 131-137.	2.7	1
142	Potential role of mutations and inhibited intercellular communication in the genesis of some chronic diseases. Journal of Environmental Science and Health Part A, Environmental Science and Engineering, 1982, 17, 605-608.	0.1	0
143	Dr. Takashi Sugimura: A giant of chemical carcinogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2021938118.	7.1	0