

Shanmugam Manoharan

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79
papers

1,852
citations

23
h-index

39
g-index

79
ext. papers

2,070
ext. citations

2.6
avg, IF

4.77
L-index

#	Paper	IF	Citations
79	The Role of Reactive Oxygen Species in the Pathogenesis of Alzheimer's Disease, Parkinson's Disease, and Huntington's Disease: A Mini Review. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 8590578	6.7	248
78	Measurement of erythrocyte lipids, lipid peroxidation, antioxidants and osmotic fragility in cervical cancer patients. <i>Clinica Chimica Acta</i> , 2002 , 326, 143-9	6.2	143
77	Biochemical changes in tumor tissues of oral cancer patients. <i>Clinical Biochemistry</i> , 2003 , 36, 61-5	3.5	92
76	Molecular structure, spectroscopic studies and first-order molecular hyperpolarizabilities of ferulic acid by density functional study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009 , 74, 312-23	4.4	77
75	Molecular structure, vibrational spectroscopic, first-order hyperpolarizability and HOMO, LUMO studies of 3-hydroxy-2-naphthoic acid hydrazide. <i>Journal of Raman Spectroscopy</i> , 2010 , 41, 53-62	2.3	63
74	Antihyperglycemic and antilipidperoxidative effects of Pongamia pinnata (Linn.) Pierre flowers in alloxan induced diabetic rats. <i>Journal of Ethnopharmacology</i> , 2006 , 105, 39-46	5	62
73	Chemopreventive potential of ferulic acid in 7,12-dimethylbenz[a]anthracene-induced mammary carcinogenesis in Sprague-Dawley rats. <i>European Journal of Pharmacology</i> , 2010 , 637, 22-9	5.3	59
72	Chemopreventive efficacy of naringenin-loaded nanoparticles in 7,12-dimethylbenz(a)anthracene induced experimental oral carcinogenesis. <i>Pathology and Oncology Research</i> , 2013 , 19, 287-96	2.6	52
71	Protective effect of ferulic acid on 7,12-dimethylbenz[a]anthracene-induced skin carcinogenesis in Swiss albino mice. <i>Experimental and Toxicologic Pathology</i> , 2009 , 61, 205-14		50
70	Carnosic acid: a potent chemopreventive agent against oral carcinogenesis. <i>Chemico-Biological Interactions</i> , 2010 , 188, 616-22	5	46
69	Geraniol modulates cell proliferation, apoptosis, inflammation, and angiogenesis during 7,12-dimethylbenz[a]anthracene-induced hamster buccal pouch carcinogenesis. <i>Molecular and Cellular Biochemistry</i> , 2012 , 369, 17-25	4.2	41
68	Lipid peroxidation, vitamins C, E and reduced glutathione levels in patients with pulmonary tuberculosis. <i>Cell Biochemistry and Function</i> , 2004 , 22, 19-22	4.2	36
67	Antitumor initiating potential of rosmarinic acid in 7,12-dimethylbenz(a)anthracene-induced hamster buccal pouch carcinogenesis. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2011 , 30, 199-211	2.1	32
66	Chemopreventive potential of apigenin in 7,12-dimethylbenz(a)anthracene induced experimental oral carcinogenesis. <i>European Journal of Pharmacology</i> , 2011 , 670, 571-7	5.3	32
65	Protective role of Withaferin-A on immunoexpression of p53 and bcl-2 in 7,12-dimethylbenz(a)anthracene-induced experimental oral carcinogenesis. <i>Investigational New Drugs</i> , 2009 , 27, 447-52	4.3	31
64	Ferulic acid inhibits 7,12-dimethylbenz[a]anthracene-induced hamster buccal pouch carcinogenesis. <i>Journal of Medicinal Food</i> , 2008 , 11, 693-700	2.8	30
63	Chemopreventive efficacy of piperine in 7,12-dimethyl benz [a] anthracene (DMBA)-induced hamster buccal pouch carcinogenesis: an FT-IR study. <i>Food and Chemical Toxicology</i> , 2009 , 47, 2813-20	4.7	28

62	Molecular structure and vibrational spectroscopic studies of Chrysin using HF and Density Functional Theory. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 87, 67-76	4.4	26
61	The spectroscopic properties of anticancer drug Apigenin investigated by using DFT calculations, FT-IR, FT-Raman and NMR analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 95, 86-99	4.4	26
60	Antihyperglycemic and antilipidperoxidative effects of Tephrosia purpurea seed extract in streptozotocin induced diabetic rats. <i>Indian Journal of Clinical Biochemistry</i> , 2007 , 22, 77-83	2.2	26
59	Enhanced lipid peroxidation and impaired enzymic antioxidant activities in the erythrocytes of patients with cervical carcinoma. <i>Cellular and Molecular Biology Letters</i> , 2004 , 9, 699-707	8.1	25
58	Apigenin prevents deregulation in the expression pattern of cell-proliferative, apoptotic, inflammatory and angiogenic markers during 7,12-dimethylbenz[a]anthracene-induced hamster buccal pouch carcinogenesis. <i>Archives of Oral Biology</i> , 2013 , 58, 94-101	2.8	24
57	Chemopreventive and antioxidant efficacy of (6)-paradol in 7,12-dimethylbenz(a)anthracene induced hamster buccal pouch carcinogenesis. <i>Pharmacological Reports</i> , 2010 , 62, 1178-85	3.9	24
56	Analysis of glycoconjugates in patients with oral squamous cell carcinoma. <i>Clinica Chimica Acta</i> , 2004 , 339, 91-6	6.2	23
55	Chemopreventive efficacy and anti-lipid peroxidative potential of Jasminum grandiflorum Linn. on 7,12-dimethylbenz(a)anthracene-induced rat mammary carcinogenesis. <i>Fundamental and Clinical Pharmacology</i> , 2005 , 19, 687-93	3.1	23
54	Raman spectroscopic investigation of the chemopreventive response of naringenin and its nanoparticles in DMBA-induced oral carcinogenesis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 115, 648-53	4.4	21
53	Protective role of withaferin-A on 7,12-dimethylbenz(a)anthracene-induced genotoxicity in bone marrow of Syrian golden hamsters. <i>Journal of Biochemical and Molecular Toxicology</i> , 2008 , 22, 251-8	3.4	21
52	Lipid peroxidation and antioxidants in oral squamous cell carcinoma. <i>Clinica Chimica Acta</i> , 1998 , 273, 95-8	6.2	20
51	Antigenotoxic effect of genistein against 7,12-dimethylbenz[a]anthracene induced genotoxicity in bone marrow cells of female Wistar rats. <i>Pharmacological Reports</i> , 2009 , 61, 296-303	3.9	19
50	Chemopreventive potential of piperine in 7,12-dimethylbenz[a]anthracene-induced skin carcinogenesis in Swiss albino mice. <i>Environmental Toxicology and Pharmacology</i> , 2009 , 28, 11-8	5.8	18
49	Chemopreventive efficacy of geraniol against 7,12-dimethylbenz[a]anthracene-induced hamster buccal pouch carcinogenesis. <i>Redox Report</i> , 2011 , 16, 91-100	5.9	18
48	Experimental and theoretical spectroscopic studies of anticancer drug rosmarinic acid using HF and density functional theory. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 97, 340-51	4.4	16
47	Chemopreventive potential of chrysin in 7,12-dimethylbenz(a)anthracene-induced hamster buccal pouch carcinogenesis. <i>International Journal of Nutrition, Pharmacology, Neurological Diseases</i> , 2013 , 3, 46	0.8	15
46	Circadian time-dependent chemopreventive potential of withaferin-A in 7,12-dimethylbenz[a]anthracene-induced oral carcinogenesis. <i>Pharmacological Reports</i> , 2009 , 61, 719-26	3.9	15
45	Chemopreventive potential of genistein and daidzein in combination during 7,12-dimethylbenz[a]anthracene (DMBA) induced mammary carcinogenesis in Sprague-Dawley rats. <i>Pakistan Journal of Biological Sciences</i> , 2010 , 13, 279-86	0.8	15

44	Effect of curcumin and ferulic acid on modulation of expression pattern of p53 and bcl-2 proteins in 7,12-dimethylbenz[a]anthracene-induced hamster buccal pouch carcinogenesis. <i>Indian Journal of Biochemistry and Biophysics</i> , 2010 , 47, 7-12		15
43	Lupeol, a bioactive triterpene, prevents tumor formation during 7,12-dimethylbenz(a)anthracene induced oral carcinogenesis. <i>Pathology and Oncology Research</i> , 2012 , 18, 1029-37	2.6	14
42	Chemopreventive and Antilipidperoxidative Efficacy of <i>Annona squamosa</i> Bark Extracts in Experimental Oral Carcinogenesis. <i>Pakistan Journal of Biological Sciences</i> , 2006 , 9, 2600-2605	0.8	14
41	Protective effect of berberine on expression pattern of apoptotic, cell proliferative, inflammatory and angiogenic markers during 7,12-dimethylbenz(a)anthracene induced hamster buccal pouch carcinogenesis. <i>Pakistan Journal of Biological Sciences</i> , 2011 , 14, 918-32	0.8	14
40	Anti-tumor initiating potential of andrographolide in 7,12-dimethylbenz[a]anthracene induced hamster buccal pouch carcinogenesis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012 , 13, 5701-8	1.7	14
39	Modulating effect of lupeol on the expression pattern of apoptotic markers in 7, 12-dimethylbenz(a)anthracene induced oral carcinogenesis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012 , 13, 5753-7	1.7	14
38	Berberine prevents 7,12-dimethylbenz[a]anthracene-induced hamster buccal pouch carcinogenesis: a biochemical approach. <i>European Journal of Cancer Prevention</i> , 2012 , 21, 182-92	2	13
37	Screening of chemopreventive effect of naringenin-loaded nanoparticles in DMBA-induced hamster buccal pouch carcinogenesis by FT-IR spectroscopy. <i>Molecular and Cellular Biochemistry</i> , 2013 , 382, 27-36 ^{4.2}		12
36	Proapoptotic, anti-cell proliferative, anti-inflammatory and anti-angiogenic potential of carnosic acid during 7,12 dimethylbenz[a]anthracene-induced hamster buccal pouch carcinogenesis. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2012 , 10, 102-12	0.3	12
35	Anti-cell proliferative efficacy of ferulic acid against 7, 12-dimethylbenz(a) anthracene induced hamster buccal pouch carcinogenesis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012 , 13, 5207-11	1.7	12
34	Lipid peroxidation and antioxidant status in cervical cancer patients. <i>Journal of Biochemistry, Molecular Biology, and Biophysics: JBMBB: the Official Journal of the Federation of Asian and Oceanian Biochemists and Molecular Biologists (FAOBMB)</i> , 2002 , 6, 225-7		12
33	Biomonitoring the Chemopreventive Potential of the Plant Products Neem and Turmeric in 4-Nitroquinoline 1-Oxide-Induced Oral Carcinogenesis.. <i>Journal of Clinical Biochemistry and Nutrition</i> , 1997 , 23, 33-40	3.1	11
32	Altered pattern of lipids in plasma and erythrocyte membranes of rheumatoid arthritis patients. <i>Indian Journal of Clinical Biochemistry</i> , 2005 , 20, 52-5	2.2	11
31	Chemopreventive and antilipidperoxidative potential of <i>Clerodendron inerme</i> (L) Gaertn in 7,12-dimethylbenz(a)anthracene induced skin carcinogenesis in Swiss albino mice. <i>Pakistan Journal of Biological Sciences</i> , 2007 , 10, 1465-70	0.8	11
30	Antigenotoxic Effects of Curcumin and Piperine Alone or in Combination Against 7,12-Dimethylbenz(a)anthracene Induced Genotoxicity in Bone Marrow of Golden Syrian Hamsters. <i>Toxicology Mechanisms and Methods</i> , 2008 , 18, 691-6	3.6	10
29	Antihyperglycemic and Antilipidperoxidative Effects of <i>Piper longum</i> (Linn.) Dried Fruits in Alloxan Induced Diabetic Rat. <i>Journal of Biological Sciences</i> , 2006 , 7, 161-168	0.4	10
28	Chemopreventive potential of esculetin in 7,12-dimethylbenz(a)anthracene-induced hamster buccal pouch carcinogenesis. <i>Molecular and Cellular Biochemistry</i> , 2018 , 448, 145-153	4.2	9
27	Anti-clastogenic effect of berberine against DMBA-induced clastogenesis. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2010 , 107, 818-24	3.1	9

26	Chemopreventive potential of 18beta-glycyrrhetic acid: an active constituent of liquorice, in 7,12-dimethylbenz(a)anthracene induced hamster buccal pouch carcinogenesis. <i>Pakistan Journal of Biological Sciences</i> , 2011 , 14, 619-26	0.8	9
25	Saffron reduction of 7,12-dimethylbenz[a]anthracene-induced hamster buccal pouch carcinogenesis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013 , 14, 951-7	1.7	9
24	Inhibition of 4-Nitroquinoline-1-Oxide-Induced Oral Carcinogenesis by Plant Products.. <i>Journal of Clinical Biochemistry and Nutrition</i> , 1996 , 21, 141-149	3.1	8
23	Chemopreventive potential of coumarin in 7, 12-dimethylbenz[a] anthracene induced hamster buccal pouch carcinogenesis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012 , 13, 5273-9	1.7	8
22	Anti-clastogenic potential of carnosic acid against 7,12-dimethylbenz(a)anthracene (DMBA)-induced clastogenesis. <i>Pharmacological Reports</i> , 2010 , 62, 1170-7	3.9	7
21	Chemopreventive and Antilipidperoxidative Efficacy of Piper longum (Linn.) on 7,12-dimethylbenz (a) anthracene (DMBA) Induced Hamster Buccal Pouch Carcinogenesis. <i>Journal of Applied Sciences</i> , 2007 , 7, 1036-1042	0.3	7
20	Temporal patterns of lipid peroxidation product formation and antioxidants activity in oral cancer patients. <i>Cellular and Molecular Biology Letters</i> , 2004 , 9, 665-73	8.1	7
19	Genistein and daidzein, in combination, protect cellular integrity during 7,12-dimethylbenz[a]anthracene (DMBA) induced mammary carcinogenesis in Sprague-Dawley rats. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2011 , 8, 91-7	0.3	6
18	Protective Effect of Jasminum grandiflorum Linn. On DMBA-induced Chromosomal Aberrations in Bone Marrow of Wistar Rats. <i>International Journal of Pharmacology</i> , 2006 , 2, 406-410	0.7	6
17	Protective Role of Tephrosia purpurea Ethanolic Seed Extract on Glycoprotein Components in Streptozotocin Induced Diabetic Rats. <i>International Journal of Pharmacology</i> , 2008 , 4, 114-119	0.7	6
16	Modulating Effect of Enicostemma littorale on the Expression Pattern of Apoptotic, Cell Proliferative, Inflammatory and Angiogenic Markers During 7, 12-Dimethylbenz (a) Anthracene Induced Hamster Buccal Pouch Carcinogenesis. <i>Toxicology International</i> , 2015 , 22, 130-40		6
15	Enicostemma littorale prevents tumor formation in 7,12-dimethylbenz(a)anthracene-induced hamster buccal pouch carcinogenesis. <i>Human and Experimental Toxicology</i> , 2015 , 34, 911-21	3.4	5
14	Tumor Preventive Efficacy of Emodin in 7,12-Dimethylbenz[a]Anthracene-Induced Oral Carcinogenesis: a Histopathological and Biochemical Approach. <i>Pathology and Oncology Research</i> , 2018 , 24, 19-29	2.6	5
13	Clerodendron inerme protects cellular integrity during 7,12-dimethylbenz[A]-anthracene induced hamster buccal pouch carcinogenesis. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2008 , 5, 213-22	0.3	5
12	Anti-cell proliferative and anti-angiogenic potential of andrographolide during 7,12-dimethylbenz(a)anthracene induced hamster buccal pouch carcinogenesis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013 , 14, 6001-5	1.7	5
11	EMODIN EFFICACY ON THE AKT, MAPK, ERK AND DNMT EXPRESSION PATTERN DURING DMBA-INDUCED ORAL CARCINOMA IN GOLDEN SYRIAN HAMSTERS. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2016 , 13, 186-193	0.3	5
10	Antigenotoxic effect of ferulic acid in 7,12-dimethyl benz(a)-anthracene (DMBA) induced genotoxicity. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2007 , 5, 32-8	0.3	4
9	Modifying Effects of Annona squamosa on Glycoconjugates Levels in 7,12-dimethylbenz(a)Anthracene Induced Hamster Buccal Pouch Carcinogenesis. <i>Journal of Medical Sciences (Faisalabad, Pakistan)</i> , 2006 , 7, 100-105	0.5	4

8	Antihyperglycemic and Antilipidperoxidative Effects of Ficus racemosa (Linn.) Bark Extracts in Alloxan Induced Diabetic Rats. <i>Journal of Medical Sciences (Faisalabad, Pakistan)</i> , 2007 , 7, 330-338	0.5	4
7	Diosmin reduces cell viability of A431 skin cancer cells through apoptotic induction. <i>Journal of Cancer Research and Therapeutics</i> , 2017 , 13, 471-476	1.2	4
6	An overview of oral carcinogenesis. <i>International Journal of Nutrition, Pharmacology, Neurological Diseases</i> , 2016 , 6, 51	0.8	4
5	EMODIN DOWNREGULATES CELL PROLIFERATION MARKERS DURING DMBA INDUCED ORAL CARCINOGENESIS IN GOLDEN SYRIAN HAMSTERS. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2017 , 14, 83-91	0.3	3
4	Protective effect of Withaferin-A on micronucleus frequency and detoxication agents during experimental oral carcinogenesis. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2008 , 6, 1-8	0.3	3
3	Protective role of Withaferin-A on red blood cell integrity during 7,12-dimethylbenz[a]anthracene induced oral carcinogenesis. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2008 , 6, 94-102	0.3	3
2	Temporal Patterns of Blood Lipidperoxides and Antioxidants in 7,12-dimethylbenz(a)anthracene Induced Hamster Buccal Pouch Carcinogenesis. <i>International Journal of Pharmacology</i> , 2006 , 2, 394-399	0.7	3
1	Modifying Effects of Piper longum on Cell Surface Abnormalities in 7, 12-dimethylbenz(A)Anthracene Induced Hamster Buccal Pouch Carcinogenesis. <i>International Journal of Pharmacology</i> , 2007 , 3, 290-294	0.7	2