Shanmugam Manoharan

List of Publications by Year in Descending Order

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	Chemopreventive potential of esculetin in 7,12-dimethylbenz(a)anthracene-induced hamster buccal pouch carcinogenesis. *Molecular and Cellular Biochemistry*, **2018**, 448, 145-153	4.2	9
78	Tumor Preventive Efficacy of Emodin in 7,12-Dimethylbenz[a]Anthracene-Induced Oral Carcinogenesis: a Histopathological and Biochemical Approach. *Pathology and Oncology Research*, **2018**, 24, 19-29	2.6	5
77	EMODIN DOWNREGULATES CELL PROLIFERATION MARKERS DURING DMBA INDUCED ORAL CARCINOGENESIS IN GOLDEN SYRIAN HAMSTERS. *Tropical Journal of Obstetrics and Gynaecology*, **2017**, 14, 83-91	0.3	3
76	Diosmin reduces cell viability of A431 skin cancer cells through apoptotic induction. *Journal of Cancer Research and Therapeutics*, **2017**, 13, 471-476	1.2	4
75	An overview of oral carcinogenesis. *International Journal of Nutrition, Pharmacology, Neurological Diseases*, **2016**, 6, 51	0.8	4
74	The Role of Reactive Oxygen Species in the Pathogenesis of Alzheimer's Disease, Parkinson's Disease, and Huntington's Disease: A Mini Review. *Oxidative Medicine and Cellular Longevity*, **2016**, 2016, 8590578	6.7	248
73	EMODIN EFFICACY ON THE AKT, MAPK, ERK AND DNMT EXPRESSION PATTERN DURING DMBA-INDUCED ORAL CARCINOMA IN GOLDEN SYRIAN HAMSTERS. *Tropical Journal of Obstetrics and Gynaecology*, **2016**, 13, 186-193	0.3	5
72	Enicostemma littorale prevents tumor formation in 7,12-dimethylbenz(a)anthracene-induced hamster buccal pouch carcinogenesis. *Human and Experimental Toxicology*, **2015**, 34, 911-21	3.4	5
71	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. *Toxicology International*, **2015**, 22, 130-40		6
70	Screening of chemopreventive effect of naringenin-loaded nanoparticles in DMBA-induced hamster buccal pouch carcinogenesis by FT-IR spectroscopy. *Molecular and Cellular Biochemistry*, **2013**, 382, 27-36	4.2	12
69	Chemopreventive efficacy of naringenin-loaded nanoparticles in 7,12-dimethylbenz(a)anthracene induced experimental oral carcinogenesis. *Pathology and Oncology Research*, **2013**, 19, 287-96	2.6	52
68	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. *Archives of Oral Biology*, **2013**, 58, 94-101	2.8	24
67	Raman spectroscopic investigation of the chemopreventive response of naringenin and its nanoparticles in DMBA-induced oral carcinogenesis. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2013**, 115, 648-53	4.4	21
66	Chemopreventive potential of chrysin in 7,12-dimethylbenz(a)anthracene-induced hamster buccal pouch carcinogenesis. *International Journal of Nutrition, Pharmacology, Neurological Diseases*, **2013**, 3, 46	0.8	15
65	Anti-cell proliferative and anti-angiogenic potential of andrographolide during 7,12-dimethylbenz(a)anthracene induced hamster buccal pouch carcinogenesis. *Asian Pacific Journal of Cancer Prevention*, **2013**, 14, 6001-5	1.7	5
64	Saffron reduction of 7,12-dimethylbenz[a]anthracene-induced hamster buccal pouch carcinogenesis. *Asian Pacific Journal of Cancer Prevention*, **2013**, 14, 951-7	1.7	9
63	Molecular structure and vibrational spectroscopic studies of Chrysin using HF and Density Functional Theory. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2012**, 87, 67-76	4.4	26

62	The spectroscopic properties of anticancer drug Apigenin investigated by using DFT calculations, FT-IR, FT-Raman and NMR analysis. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2012**, 95, 86-99	4.4	26
61	Geraniol modulates cell proliferation, apoptosis, inflammation, and angiogenesis during 7,12-dimethylbenz[a]anthracene-induced hamster buccal pouch carcinogenesis. *Molecular and Cellular Biochemistry*, **2012**, 369, 17-25	4.2	41
60	Experimental and theoretical spectroscopic studies of anticancer drug rosmarinic acid using HF and density functional theory. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2012**, 97, 340-51	4.4	16
59	Lupeol, a bioactive triterpene, prevents tumor formation during 7,12-dimethylbenz(a)anthracene induced oral carcinogenesis. *Pathology and Oncology Research*, **2012**, 18, 1029-37	2.6	14
58	Proapoptotic, anti-cell proliferative, anti-inflammatory and anti-angiogenic potential of carnosic acid during 7,12 dimethylbenz[a]anthracene-induced hamster buccal pouch carcinogenesis. *Tropical Journal of Obstetrics and Gynaecology*, **2012**, 10, 102-12	0.3	12
57	Berberine prevents 7,12-dimethylbenz[a]anthracene-induced hamster buccal pouch carcinogenesis: a biochemical approach. *European Journal of Cancer Prevention*, **2012**, 21, 182-92	2	13
56	Anti-cell proliferative efficacy of ferulic acid against 7, 12-dimethylbenz(a) anthracene induced hamster buccal pouch carcinogenesis. *Asian Pacific Journal of Cancer Prevention*, **2012**, 13, 5207-11	1.7	12
55	Chemopreventive potential of coumarin in 7, 12-dimethylbenz[a] anthracene induced hamster buccal pouch carcinogenesis. *Asian Pacific Journal of Cancer Prevention*, **2012**, 13, 5273-9	1.7	8
54	Anti-tumor initiating potential of andrographolide in 7,12-dimethylbenz[a]anthracene induced hamster buccal pouch carcinogenesis. *Asian Pacific Journal of Cancer Prevention*, **2012**, 13, 5701-8	1.7	14
53	Modulating effect of lupeol on the expression pattern of apoptotic markers in 7, 12-dimethylbenz(a)anthracene induced oral carcinogenesis. *Asian Pacific Journal of Cancer Prevention*, **2012**, 13, 5753-7	1.7	14
52	Genistein and daidzein, in combination, protect cellular integrity during 7,12-dimethylbenz[a]anthracene (DMBA) induced mammary carcinogenesis in Sprague-Dawley rats. *Tropical Journal of Obstetrics and Gynaecology*, **2011**, 8, 91-7	0.3	6
51	Antitumor initiating potential of rosmarinic acid in 7,12-dimethylbenz(a)anthracene-induced hamster buccal pouch carcinogenesis. *Journal of Environmental Pathology, Toxicology and Oncology*, **2011**, 30, 199-211	2.1	32
50	Chemopreventive potential of apigenin in 7,12-dimethylbenz(a)anthracene induced experimental oral carcinogenesis. *European Journal of Pharmacology*, **2011**, 670, 571-7	5.3	32
49	Chemopreventive efficacy of geraniol against 7,12-dimethylbenz[a]anthracene-induced hamster buccal pouch carcinogenesis. *Redox Report*, **2011**, 16, 91-100	5.9	18
48	Chemopreventive potential of 18beta-glycyrrhetinic acid: an active constituent of liquorice, in 7,12-dimethylbenz(a)anthracene induced hamster buccal pouch carcinogenesis. *Pakistan Journal of Biological Sciences*, **2011**, 14, 619-26	0.8	9
47	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. *Pakistan Journal of Biological Sciences*, **2011**, 14, 918-32	0.8	14
46	Anti-clastogenic effect of berberine against DMBA-induced clastogenesis. *Basic and Clinical Pharmacology and Toxicology*, **2010**, 107, 818-24	3.1	9
45	Chemopreventive and antioxidant efficacy of (6)-paradol in 7,12-dimethylbenz(a)anthracene induced hamster buccal pouch carcinogenesis. *Pharmacological Reports*, **2010**, 62, 1178-85	3.9	24

44	Anti-clastogenic potential of carnosic acid against 7,12-dimethylbenz(a)anthracene (DMBA)-induced clastogenesis. *Pharmacological Reports*, **2010**, 62, 1170-7	3.9	7
43	Chemopreventive potential of ferulic acid in 7,12-dimethylbenz[a]anthracene-induced mammary carcinogenesis in Sprague-Dawley rats. *European Journal of Pharmacology*, **2010**, 637, 22-9	5.3	59
42	Carnosic acid: a potent chemopreventive agent against oral carcinogenesis. *Chemico-Biological Interactions*, **2010**, 188, 616-22	5	46
41	Molecular structure, vibrational spectroscopic, first-order hyperpolarizability and HOMO, LUMO studies of 3-hydroxy-2-naphthoic acid hydrazide. *Journal of Raman Spectroscopy*, **2010**, 41, 53-62	2.3	63
40	Chemopreventive potential of genistein and daidzein in combination during 7,12-dimethylbenz[a]anthracene (DMBA) induced mammary carcinogenesis in Sprague-Dawley rats. *Pakistan Journal of Biological Sciences*, **2010**, 13, 279-86	0.8	15
39	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. *Indian Journal of Biochemistry and Biophysics*, **2010**, 47, 7-12		15
38	Protective effect of ferulic acid on 7,12-dimethylbenz[a]anthracene-induced skin carcinogenesis in Swiss albino mice. *Experimental and Toxicologic Pathology*, **2009**, 61, 205-14		50
37	Protective role of Withaferin-A on immunoexpression of p53 and bcl-2 in 7,12-dimethylbenz(a)anthracene-induced experimental oral carcinogenesis. *Investigational New Drugs*, **2009**, 27, 447-52	4.3	31
36	Molecular structure, spectroscopic studies and first-order molecular hyperpolarizabilities of ferulic acid by density functional study. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2009**, 74, 312-23	4.4	77
35	Chemopreventive potential of piperine in 7,12-dimethylbenz[a]anthracene-induced skin carcinogenesis in Swiss albino mice. *Environmental Toxicology and Pharmacology*, **2009**, 28, 11-8	5.8	18
34	Chemopreventive efficacy of piperine in 7,12-dimethyl benz [a] anthracene (DMBA)-induced hamster buccal pouch carcinogenesis: an FT-IR study. *Food and Chemical Toxicology*, **2009**, 47, 2813-20	4.7	28
33	Circadian time-dependent chemopreventive potential of withaferin-A in 7,12-dimethylbenz[a]anthracene-induced oral carcinogenesis. *Pharmacological Reports*, **2009**, 61, 719-26	3.9	15
32	Antigenotoxic effect of genistein against 7,12-dimethylbenz[a]anthracene induced genotoxicity in bone marrow cells of female Wistar rats. *Pharmacological Reports*, **2009**, 61, 296-303	3.9	19
31	Protective effect of Withaferin-A on micronucleus frequency and detoxication agents during experimental oral carcinogenesis. *Tropical Journal of Obstetrics and Gynaecology*, **2008**, 6, 1-8	0.3	3
30	Protective role of Withaferin-A on red blood cell integrity during 7,12-dimethylbenz[a]anthracene induced oral carcinogenesis. *Tropical Journal of Obstetrics and Gynaecology*, **2008**, 6, 94-102	0.3	3
29	Ferulic acid inhibits 7,12-dimethylbenz[a]anthracene-induced hamster buccal pouch carcinogenesis. *Journal of Medicinal Food*, **2008**, 11, 693-700	2.8	30
28	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. *Toxicology Mechanisms and Methods*, **2008**, 18, 691-6	3.6	10
27	Clerodendron inerme protects cellular integrity during 7,12-dimethylbenz[A]-anthracene induced hamster buccal pouch carcinogenesis. *Tropical Journal of Obstetrics and Gynaecology*, **2008**, 5, 213-22	0.3	5

26	Protective role of withaferin-A on 7,12-dimethylbenz(a)anthracene-induced genotoxicity in bone marrow of Syrian golden hamsters. *Journal of Biochemical and Molecular Toxicology*, **2008**, 22, 251-8	3.4	21
25	Protective Role of Tephrosia purpurea Ethanolic Seed Extract on Glycoprotein Components in Streptozotocin Induced Diabetic Rats. *International Journal of Pharmacology*, **2008**, 4, 114-119	0.7	6
24	Antigenotoxic effect of ferulic acid in 7,12-dimethyl benz(a)-anthracene (DMBA) induced genotoxicity. *Tropical Journal of Obstetrics and Gynaecology*, **2007**, 5, 32-8	0.3	4
23	Antihyperglycemic and antilipidperoxidative effects ofTephrosia purpurea seed extract in streptozotocin induced diabetic rats. *Indian Journal of Clinical Biochemistry*, **2007**, 22, 77-83	2.2	26
22	Modifying Effects of Piper longum on Cell Surface Abnormalities in 7, 12-dimethylbenz(A)Anthracene Induced Hamster Buccal Pouch Carcinogenesis. *International Journal of Pharmacology*, **2007**, 3, 290-294	0.7	2
21	Chemopreventive and Antilipidperoxidative Efficacy of Piper longum (Linn.) on 7,12-dimethylbenz (a) anthracene (DMBA) Induced Hamster Buccal Pouch Carcinogenesis. *Journal of Applied Sciences*, **2007**, 7, 1036-1042	0.3	7
20	Antihyperglycemic and Antilipidperoxidative Effects of Ficus racemosa (Linn.) Bark Extracts in Alloxan Induced Diabetic Rats. *Journal of Medical Sciences (Faisalabad, Pakistan)*, **2007**, 7, 330-338	0.5	4
19	Chemopreventive and antilipidperoxidative potential of Clerodendron inerme (L) Gaertn in 7,12-dimethylbenz(a)anthracene induced skin carcinogenesis in Swiss albino mice. *Pakistan Journal of Biological Sciences*, **2007**, 10, 1465-70	0.8	11
18	Antihyperglycemic and antilipidperoxidative effects of Pongamia pinnata (Linn.) Pierre flowers in alloxan induced diabetic rats. *Journal of Ethnopharmacology*, **2006**, 105, 39-46	5	62
17	Temporal Patterns of Blood Lipidperoxides and Antioxidants in 7,12-dimethylbenz(a)anthracene Induced Hamster Buccal Pouch Carcinogenesis. *International Journal of Pharmacology*, **2006**, 2, 394-399	0.7	3
16	Protective Effect of Jasminum grandiflorum Linn. On DMBA-induced Chromosomal Aberrations in Bone Marrow of Wistar Rats. *International Journal of Pharmacology*, **2006**, 2, 406-410	0.7	6
15	Antihyperglycemic and Antilipidperoxidative Effects of Piper longum (Linn.)Dried Fruits in Alloxan Induced Diabetic Rat. *Journal of Biological Sciences*, **2006**, 7, 161-168	0.4	10
14	Modifying Effects of Annona squamosa on Glycoconjugates Levels in 7,12-dimethylbenz(a)Anthracene Induced Hamster Buccal Pouch Carcinogenesis. *Journal of Medical Sciences (Faisalabad, Pakistan)*, **2006**, 7, 100-105	0.5	4
13	Chemopreventive and Antilipidperoxidative Efficacy of Annona squamosa Bark Extracts in Experimental Oral Carcinogenesis. *Pakistan Journal of Biological Sciences*, **2006**, 9, 2600-2605	0.8	14
12	Chemopreventive efficacy and anti-lipid peroxidative potential of Jasminum grandiflorum Linn. on 7,12-dimethylbenz(a)anthracene-induced rat mammary carcinogenesis. *Fundamental and Clinical Pharmacology*, **2005**, 19, 687-93	3.1	23
11	Altered pattern of lipids in plasma and erythrocyte membranes of rheumatoid arthritis patients. *Indian Journal of Clinical Biochemistry*, **2005**, 20, 52-5	2.2	11
10	Lipid peroxidation, vitamins C, E and reduced glutathione levels in patients with pulmonary tuberculosis. *Cell Biochemistry and Function*, **2004**, 22, 19-22	4.2	36
9	Analysis of glycoconjugates in patients with oral squamous cell carcinoma. *Clinica Chimica Acta*, **2004**, 339, 91-6	6.2	23

8	Temporal patterns of lipid peroxidation product formation and antioxidants activity in oral cancer patients. *Cellular and Molecular Biology Letters*, **2004**, 9, 665-73	8.1	7
7	Enhanced lipid peroxidation and impaired enzymic antioxidant activities in the erythrocytes of patients with cervical carcinoma. *Cellular and Molecular Biology Letters*, **2004**, 9, 699-707	8.1	25
6	Biochemical changes in tumor tissues of oral cancer patients. *Clinical Biochemistry*, **2003**, 36, 61-5	3.5	92
5	Measurement of erythrocyte lipids, lipid peroxidation, antioxidants and osmotic fragility in cervical cancer patients. *Clinica Chimica Acta*, **2002**, 326, 143-9	6.2	143
4	Lipid peroxidation and antioxidant status in cervical cancer patients. *Journal of Biochemistry, Molecular Biology, and Biophysics: JBMBB: the Official Journal of the Federation of Asian and Oceanian Biochemists and Molecular Biologists (FAOBMB)*, **2002**, 6, 225-7		12
3	Lipid peroxidation and antioxidants in oral squamous cell carcinoma. *Clinica Chimica Acta*, **1998**, 273, 95-8	6.2	20
2	Biomonitoring the Chemopreventive Potential of the Plant Products Neem and Turmeric in 4-Nitroquinoline 1-Oxide-Induced Oral Carcinogenesis.. *Journal of Clinical Biochemistry and Nutrition*, **1997**, 23, 33-40	3.1	11
1	Inhibition of 4-Nitroquinoline-1-Oxide-Induced Oral Carcinogenesis by Plant Products.. *Journal of Clinical Biochemistry and Nutrition*, **1996**, 21, 141-149	3.1	8