

Shanmugam Manoharan

List of Publications by Year in descending order

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79
papers

2,409
citations

218381

26
h-index

233125

45
g-index

80
all docs

80
docs citations

80
times ranked

3191
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 1-15.	1.9	363
2	Measurement of erythrocyte lipids, lipid peroxidation, antioxidants and osmotic fragility in cervical cancer patients. <i>Clinica Chimica Acta</i> , 2002, 326, 143-149.	0.5	173
3	Biochemical changes in tumor tissues of oral cancer patients. <i>Clinical Biochemistry</i> , 2003, 36, 61-65.	0.8	108
4	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, 312-323.	2.0	88
5	Antihyperglycemic and antilipidperoxidative effects of <i>Pongamia pinnata</i> (Linn.) Pierre flowers in alloxan induced diabetic rats. <i>Journal of Ethnopharmacology</i> , 2006, 105, 39-46.	2.0	78
6	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, 22-29.	1.7	72
7	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.	1.2	69
8	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, 205-214.	2.1	64
9	Chemopreventive Efficacy of Naringenin-Loaded Nanoparticles in 7,12-dimethylbenz(a)anthracene Induced Experimental Oral Carcinogenesis. <i>Pathology and Oncology Research</i> , 2013, 19, 287-296.	0.9	64
10	Carnosic acid: A potent chemopreventive agent against oral carcinogenesis. <i>Chemico-Biological Interactions</i> , 2010, 188, 616-622.	1.7	56
11	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.	1.4	54
12	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.	0.6	46
13	Lipid peroxidation, vitamins C, E and reduced glutathione levels in patients with pulmonary tuberculosis. <i>Cell Biochemistry and Function</i> , 2004, 22, 19-22.	1.4	41
14	Chemopreventive potential of apigenin in 7,12-dimethylbenz(a)anthracene induced experimental oral carcinogenesis. <i>European Journal of Pharmacology</i> , 2011, 670, 571-577.	1.7	41
15	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, 447-452.	1.2	38
16	Chemopreventive and antioxidant efficacy of (6)-paradol in 7, 12-dimethylbenz(a)anthracene induced hamster buccal pouch carcinogenesis. <i>Pharmacological Reports</i> , 2010, 62, 1178-1185.	1.5	37
17	Ferulic Acid Inhibits 7,12-Dimethylbenz[a]anthracene-Induced Hamster Buccal Pouch Carcinogenesis. <i>Journal of Medicinal Food</i> , 2008, 11, 693-700.	0.8	36
18	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, 2813-2820.	1.8	34

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19	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.	0.8	34
20	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.	0.9	33
21	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.	2.0	33
22	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.	2.0	30
23	Analysis of glycoconjugates in patients with oral squamous cell carcinoma. <i>Clinica Chimica Acta</i> , 2004, 339, 91-96.	0.5	28
24	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.	2.7	28
25	Chemopreventive efficacy and anti-lipid peroxidative potential of <i>Jasminum grandiflorum</i> Linn. on 7,12-dimethylbenz(a)anthracene-induced rat mammary carcinogenesis. <i>Fundamental and Clinical Pharmacology</i> , 2005, 19, 687-693.	1.0	27
26	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, 648-653.	2.0	27
27	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, 11-18.	2.0	26
28	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, 251-258.	1.4	24
29	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.	1.5	24
30	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, 918-932.	0.2	24
31	Circadian time-dependent chemopreventive potential of withaferin-A in 7,12-dimethyl-benz[a]anthracene-induced oral carcinogenesis. <i>Pharmacological Reports</i> , 2009, 61, 719-726.	1.5	23
32	Correspondence. <i>Clinica Chimica Acta</i> , 1998, 273, 95-98.	0.5	22
33	Chemopreventive efficacy of geraniol against 7,12-dimethylbenz[a]anthracene-induced hamster buccal pouch carcinogenesis. <i>Redox Report</i> , 2011, 16, 91-100.	1.4	22
34	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.	0.6	22
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, 5207-5211.	0.5	20
36	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, 5753-5757.	0.5	20

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37	Proapoptotic, Anti-Cell Proliferative, Anti-Inflammatory And Antiangiogenic 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	19
38	Chemopreventive and Antilipidperoxidative Potential of Clerodendron inerme (L) Gaertn in 7,12-dimethylbenz(a)anthracene Induced Skin Carcinogenesis in Swiss Albino Mic. <i>Pakistan Journal of Biological Sciences</i> , 2007, 10, 1465-1470.	0.2	19
39	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, 340-351.	2.0	18
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, 5701-5708.	0.5	18
41	Lupeol, A Bioactive Triterpene, Prevents Tumor Formation During 7,12-Dimethylbenz(a)anthracene Induced Oral Carcinogenesis. <i>Pathology and Oncology Research</i> , 2012, 18, 1029-1037.	0.9	17
42	Chemopreventive and Antilipidperoxidative Efficacy of Annona squamosa Bark Extracts in Experimental Oral Carcinogenesis. <i>Pakistan Journal of Biological Sciences</i> , 2006, 9, 2600-2605.	0.2	17
43	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.	0.2	17
44	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, 279-286.	0.2	16
45	Berberine prevents 7,12-dimethylbenz[a]anthracene-induced hamster buccal pouch carcinogenesis. <i>European Journal of Cancer Prevention</i> , 2012, 21, 182-192.	0.6	15
46	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, 225-227.	0.4	15
47	An overview of oral carcinogenesis. <i>International Journal of Nutrition, Pharmacology, Neurological Diseases</i> , 2016, 6, 51.	0.6	15
48	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.	0.6	14
49	Altered pattern of lipids in plasma and erythrocyte membranes of rheumatoid arthritis patients. <i>Indian Journal of Clinical Biochemistry</i> , 2005, 20, 52-55.	0.9	14
50	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, 691-696.	1.3	14
51	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.	1.4	14
52	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.	0.9	14
53	Saffron Reduction of 7,12-Dimethylbenz[a]anthracene-induced Hamster Buccal Pouch Carcinogenesis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 951-957.	0.5	14
54	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.	1.4	13

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55	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.	0.1	12
56	Antihyperglycemic and Antilipidperoxidative Effects of Piper longum (Linn.) Dried Fruits in Alloxan Induced Diabetic Rat. Journal of Biological Sciences, 2006, 7, 161-168.	0.1	12
57	Inhibition of 4-Nitroquinoline-1-Oxide-Induced Oral Carcinogenesis by Plant Products.. Journal of Clinical Biochemistry and Nutrition, 1996, 21, 141-149.	0.6	11
58	Chemopreventive Potential of 18 ^β -glycyrrhetic Acid: An Active Constituent of Liquorice, in 7,12-dimethylbenz(a)anthracene Induced Hamster Buccal Pouch Carcinogenesis. Pakistan Journal of Biological Sciences, 2011, 14, 619-626.	0.2	11
59	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.	0.1	11
60	Anti-clastogenic Effect of Berberine against DMBA-Induced Clastogenesis. Basic and Clinical Pharmacology and Toxicology, 2010, 107, 818-824.	1.2	10
61	Enicostemma littorale prevents tumor formation in 7,12-dimethylbenz(a)anthracene-induced hamster buccal pouch carcinogenesis. Human and Experimental Toxicology, 2015, 34, 911-921.	1.1	10
62	Chemopreventive Potential of Coumarin in 7,12-dimethylbenz[a] anthracene Induced Hamster Buccal Pouch Carcinogenesis. Asian Pacific Journal of Cancer Prevention, 2012, 13, 5273-5279.	0.5	10
63	<i>Clerodendron inerme</i> 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	8
64	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	8
65	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	8
66	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.	0.0	8
67	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, 6001-6005.	0.5	8
68	Temporal patterns of lipid peroxidation product formation and antioxidants activity in oral cancer patients. Cellular and Molecular Biology Letters, 2004, 9, 665-73.	2.7	8
69	Anti-clastogenic potential of carnosic acid against 7,12-dimethylbenz(a) anthracene (DMBA)-induced clastogenesis. Pharmacological Reports, 2010, 62, 1170-1177.	1.5	7
70	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	7
71	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.	0.1	7
72	Protective Role of Tephrosia purpurea Ethanolic Seed Extract on Glycoprotein Components in Streptozotocin Induced Diabetic Rats. International Journal of Pharmacology, 2008, 4, 114-119.	0.1	7

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73	Diosmin reduces cell viability of A431 skin cancer cells through apoptotic induction. Journal of Cancer Research and Therapeutics, 2017, 13, 471-476.	0.3	7
74	Antigenotoxic Effect Of Ferulic Acid In 7,12-Dimethyl Benz(A)- Anthracene (Dmba) Induced Genotoxicity. Tropical Journal of Obstetrics and Gynaecology, 2008, 5, 32-8.	0.3	6
75	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, 2010, 6, 94-102.	0.3	5
76	Protective effect of Withaferin-A on micronucleus frequency and detoxication agents during experimental oral carcinogenesis. Tropical Journal of Obstetrics and Gynaecology, 2010, 6, 1-8.	0.3	4
77	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.	0.1	4
78	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.	0.0	4
79	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.	0.1	3