

Tomohiro Yano

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

1,730
citations

236925

25
h-index

377865

34
g-index

111
all docs

111
docs citations

111
times ranked

1810
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of tissue-specific interaction between vitamin C and vitamin E <i>in vivo</i> using senescence marker protein-30 knockout mice as a vitamin C synthesis deficiency model. <i>British Journal of Nutrition</i> , 2022, 128, 993-1003.	2.3	6
2	A Redox-Silent Analogue of Tocotrienol May Break the Homeostasis of Proteasomes in Human Malignant Mesothelioma Cells by Inhibiting STAT3 and NRF1. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2655.	4.1	3
3	Dietary variety is associated with sleep efficiency in urban-dwelling older adults: A longitudinal study. <i>Clinical Nutrition ESPEN</i> , 2021, 41, 391-397.	1.2	2
4	Effects of Alpha-Connexin Carboxyl-Terminal Peptide (aCT1) and Bowman-Birk Protease Inhibitor (BBI) on Canine Oral Mucosal Melanoma (OMM) Cells. <i>Frontiers in Veterinary Science</i> , 2021, 8, 670451.	2.2	3
5	NK Cells Can Preferentially Target Prostate Cancer Stem-like Cells via the TRAIL/DR5 Signaling Pathway. <i>Biomolecules</i> , 2021, 11, 1702.	4.0	8
6	Tocotrienol-rich fraction from annatto ameliorates expression of lysyl oxidase in human osteoblastic MG-63 cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 526-535.	1.3	1
7	The Effect of Bowman-Birk Inhibitor from Soybeans on the Sensitivity of Prostate Cancer Stem-like Cells to Anti-androgen Agent. <i>Food Science and Technology Research</i> , 2020, 26, 553-559.	0.6	1
8	Combination Effect of Bowman-Birk Inhibitor and $\hat{\alpha}$ -Tocopheryl Succinate on Prostate Cancer Stem-Like Cells. <i>Journal of Nutritional Science and Vitaminology</i> , 2019, 65, 272-277.	0.6	4
9	A Redox-Inactive Derivative of Tocotrienol Suppresses Tumor Growth of Mesothelioma Cells in a Xenograft Model. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 1034-1037.	1.4	5
10	Inhibition of NF-kappaB transcriptional activity enhances fucoxanthinol-induced apoptosis in colorectal cancer cells. <i>Genes and Environment</i> , 2019, 41, 1.	2.1	15
11	Salt Restriction Affects the Excretions of Minerals (Na, K, Ca, Mg, P and Zn) in the Second Voided Fasting Early Morning Urine. <i>Journal of Nutritional Science and Vitaminology</i> , 2019, 65, 142-147.	0.6	2
12	Preparation and functional analysis of gossypols having two carbohydrate appendages with enaminoxy linkages. <i>Carbohydrate Research</i> , 2018, 458-459, 67-76.	2.3	2
13	Association between Adherence to the Japanese Food Guide Spinning Top and Sleep Quality in College Students. <i>Nutrients</i> , 2018, 10, 1996.	4.1	17
14	A Succinate Ether Derivative of Tocotrienol Enhances Dickkopf-1 Gene Expression through Epigenetic Alterations in Malignant Mesothelioma Cells. <i>Pharmacology</i> , 2018, 102, 26-36.	2.2	8
15	Suppressive Effect of Delta-Tocotrienol on Hypoxia Adaptation of Prostate Cancer Stem-like Cells. <i>Anticancer Research</i> , 2018, 38, 1391-1399.	1.1	19
16	Inhibitory effect of a redox-silent analogue of tocotrienol on hypoxia adaptation in prostate cancer cells. <i>Anti-Cancer Drugs</i> , 2017, 28, 289-297.	1.4	10
17	Combination Effect of $\hat{\gamma}$ -Tocotrienol and $\hat{\beta}$ -Tocopherol on Prostate Cancer Cell Growth. <i>Journal of Nutritional Science and Vitaminology</i> , 2017, 63, 349-354.	0.6	29
18	Cytotoxicity Induced by a Redox-silent Analog of Tocotrienol in Human Mesothelioma H2452 Cell Line via Suppression of Cap-dependent Protein Translation. <i>Anticancer Research</i> , 2016, 36, 1527-33.	1.1	4

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19	Annatto Tocotrienol Induces a Cytotoxic Effect on Human Prostate Cancer PC3 Cells via the Simultaneous Inhibition of Src and Stat3. <i>Journal of Nutritional Science and Vitaminology</i> , 2015, 61, 497-501.	0.6	20
20	Suppression of intestinal carcinogenesis in Δ Apc Δ -mutant mice by limonin. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2015, 57, 39-43.	1.4	33
21	Involvement of NADPH oxidases in suppression of cyclooxygenase-2 promoter-dependent transcriptional activities by sesamol. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2015, 56, 118-122.	1.4	10
22	Sesamol suppresses cyclooxygenase-2 transcriptional activity in colon cancer cells and modifies intestinal polyp development in ApcMin/+ mice. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2014, 54, 95-101.	1.4	37
23	A Redox-Silent Analogue of Tocotrienol Inhibits Cobalt(II) Chloride-Induced VEGF Expression <i>via</i> Yes Signaling in Mesothelioma Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2014, 37, 865-870.	1.4	8
24	Synergistic effect of combined treatment with gamma-tocotrienol and statin on human malignant mesothelioma cells. <i>Cancer Letters</i> , 2013, 339, 116-127.	7.2	15
25	Induction of the Connexin 32 Gene by Epigallocatechin-3-Gallate Potentiates Vinblastine-Induced Cytotoxicity in Human Renal Carcinoma Cells. <i>Chemotherapy</i> , 2013, 59, 192-199.	1.6	12
26	Redox-inactive Analogue of Tocotrienol as a Potential Anti-cancer Agent. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013, 13, 496-501.	1.7	5
27	Redox-inactive Analogue of Tocotrienol as a Potential Anti-cancer Agent. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013, 13, 496-501.	1.7	2
28	Redox-inactive analogue of tocotrienol as a potential anti-cancer agent. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013, 13, 496-501.	1.7	4
29	New 2-Aryl-1,4-naphthoquinone-1-oxime Methyl Ether Compound Induces Microtubule Depolymerization and Subsequent Apoptosis. <i>Journal of Pharmacological Sciences</i> , 2012, 118, 467-478.	2.5	7
30	Yes is a central mediator of cell growth in malignant mesothelioma cells. <i>Oncology Reports</i> , 2012, 28, 1889-1893.	2.6	25
31	Bowman-Birk protease inhibitor from soybeans enhances cisplatin-induced cytotoxicity in human mesothelioma cells. <i>Experimental and Therapeutic Medicine</i> , 2011, 2, 719-724.	1.8	5
32	The enhancement of the oral bioavailability of β -tocotrienol in mice by β -cyclodextrin inclusion. <i>Journal of Nutritional Biochemistry</i> , 2011, 22, 1121-1126.	4.2	25
33	A demethylating agent enhances chemosensitivity to vinblastine in a xenograft model of renal cell carcinoma. <i>International Journal of Oncology</i> , 2011, 38, 1653-61.	3.3	12
34	Sensitive quantitative assay for point mutations in the rat H-ras gene based on single nucleotide primer extension. <i>Experimental and Therapeutic Medicine</i> , 2010, 1, 657-661.	1.8	5
35	The tocotrienol-rich fraction from rice bran enhances cisplatin-induced cytotoxicity in human mesothelioma H28 cells. <i>Phytotherapy Research</i> , 2010, 24, 1317-1321.	5.8	25
36	Complexation of Tocotrienol with β -Cyclodextrin Enhances Intestinal Absorption of Tocotrienol in Rats. <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 1452-1457.	1.3	24

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37	A redox-silent analogue of tocotrienol acts as a potential cytotoxic agent against human mesothelioma cells. <i>Life Sciences</i> , 2009, 84, 650-656.	4.3	30
38	Enhanced Effect of Connexin 43 on Cisplatin-Induced Cytotoxicity in Mesothelioma Cells. <i>Journal of Pharmacological Sciences</i> , 2009, 110, 466-475.	2.5	28
39	The inhibitory effect of connexin 32 gene on metastasis in renal cell carcinoma. <i>Molecular Carcinogenesis</i> , 2008, 47, 403-409.	2.7	15
40	A redox-silent analogue of tocotrienol inhibits hypoxic adaptation of lung cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 365, 875-881.	2.1	32
41	Connexin 43-dependent tumor-suppressing effect of the Bowman-Birk protease inhibitor on M5076 ovarian sarcoma-bearing mice. <i>Molecular Medicine Reports</i> , 2008, 1, 689-93.	2.4	1
42	Effects of a single-dose administration of Bowman-Birk inhibitor concentrate on anti-proliferation and inhibition of metastasis in M5076 ovarian sarcoma-bearing mice. <i>Molecular Medicine Reports</i> , 2008, 1, 903-7.	2.4	5
43	Anticancer Effects of Tocotrienols and Tocopherols Irrespective of Antioxidative Properties. , 2008, , 171-183.		1
44	Connexin Genes as Promising Therapeutic Targets in Cancers. <i>Current Pharmacogenomics and Personalized Medicine: the International Journal for Expert Reviews in Pharmacogenomics</i> , 2007, 5, 314-318.	0.3	0
45	Negative growth control of osteosarcoma cell by Bowman's Birk protease inhibitor from soybean; involvement of connexin 43. <i>Cancer Letters</i> , 2007, 253, 249-257.	7.2	44
46	Connexin 32 potentiates vinblastine-induced cytotoxicity in renal cell carcinoma cells. <i>Molecular Carcinogenesis</i> , 2007, 46, 215-224.	2.7	27
47	Enhancing effect of connexin 32 gene on vinorelbine-induced cytotoxicity in A549 lung adenocarcinoma cells. <i>Cancer Chemotherapy and Pharmacology</i> , 2007, 60, 449-457.	2.3	27
48	Connexin 32 down-regulates the fibrinolytic factors in metastatic renal cell carcinoma cells. <i>Life Sciences</i> , 2006, 78, 2249-2254.	4.3	16
49	Connexin 32 expression reduces malignant phenotype in human A549 adenocarcinoma cells: Implication of Src involvement. <i>Oncology Reports</i> , 2006, 16, 1149.	2.6	3
50	Inhibition of Src activity enhances the tumor-suppressive effect of the connexin 32 gene in Caki-1 renal cancer cells. <i>Oncology Reports</i> , 2006, 15, 1359.	2.6	1
51	Connexin 32 as an Anti-invasive and Anti-metastatic Gene in Renal Cell Carcinoma. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 1991-1994.	1.4	19
52	Expression patterns of connexin 26 and connexin 43 mRNA in canine benign and malignant mammary tumours. <i>Veterinary Journal</i> , 2006, 172, 178-180.	1.7	5
53	Inhibition of Src activity enhances the tumor-suppressive effect of the connexin 32 gene in Caki-1 renal cancer cells. <i>Oncology Reports</i> , 2006, 15, 1359-65.	2.6	11
54	High Oleic Peanut Oil Modulates Promotion Stage in Lung Tumorigenesis of Mice Treated with Methyl Nitrosourea. <i>Food Science and Technology Research</i> , 2005, 11, 231-235.	0.6	32

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55	Cytotoxic Effect of the Her-2/Her-1 Inhibitor PKI-166 on Renal Cancer Cells Expressing the Connexin 32 Gene. <i>Journal of Pharmacological Sciences</i> , 2005, 97, 294-298.	2.5	11
56	Connexin32 as a tumor suppressor gene in a metastatic renal cell carcinoma cell line. <i>Oncogene</i> , 2005, 24, 3684-3690.	5.9	50
57	Induction of cytotoxicity in human lung adenocarcinoma cells by 6-O-carboxypropyl- $\hat{\alpha}$ -tocotrienol, a redox-silent derivative of $\hat{\alpha}$ -tocotrienol. <i>International Journal of Cancer</i> , 2005, 115, 839-846.	5.1	43
58	Contribution of the Src family of kinases to the appearance of malignant phenotypes in renal cancer cells. <i>Molecular Carcinogenesis</i> , 2005, 43, 188-197.	2.7	32
59	A Src family inhibitor (PP1) potentiates tumor-suppressive effect of connexin 32 gene in renal cancer cells. <i>Life Sciences</i> , 2005, 76, 2711-2720.	4.3	18
60	Peroxisome proliferator-activated receptor $\hat{\gamma}$ as a molecular target to regulate lung cancer cell growth. <i>FEBS Letters</i> , 2005, 579, 3829-3836.	2.8	63
61	Restoration of connexin 43 by Bowman-Birk protease inhibitor in M5076 bearing mice. <i>Oncology Reports</i> , 2005, 13, 1247-50.	2.6	14
62	Epigenetic inactivation of connexin 32 in renal cell carcinoma from hemodialytic patients. <i>Kidney International</i> , 2004, 65, 1519.	5.2	4
63	Negative growth control of renal cell carcinoma cell by connexin 32: Possible involvement of Her-2. <i>Molecular Carcinogenesis</i> , 2004, 40, 135-142.	2.7	35
64	Hypermethylation of the CpG island of connexin 32, a candidate tumor suppressor gene in renal cell carcinomas from hemodialysis patients. <i>Cancer Letters</i> , 2004, 208, 137-142.	7.2	35
65	Prostaglandin E2 activates Src signaling in lung adenocarcinoma cell via EP3. <i>Cancer Letters</i> , 2004, 214, 115-120.	7.2	36
66	Tumor-suppressive effect of connexin 32 in renal cell carcinoma from maintenance hemodialysis patients. <i>Kidney International</i> , 2003, 63, 381.	5.2	17
67	$\hat{\alpha}$ -Tocopheryloxybutyric acid enhances necrotic cell death in breast cancer cells treated with chemotherapy agent. <i>Cancer Letters</i> , 2003, 201, 51-56.	7.2	14
68	Down-Regulation of Connexin 32 Gene Expression through DNA Methylation in a Human Renal Cell Carcinoma Cell. <i>American Journal of Nephrology</i> , 2003, 23, 172-177.	3.1	37
69	Induction of Apoptosis in a Human Breast Cancer Cell Overexpressing ErbB-2 Receptor by $\hat{\alpha}$ -Tocopheryloxybutyric Acid. <i>The Japanese Journal of Pharmacology</i> , 2002, 89, 417-421.	1.2	26
70	Effect of Acerola Cherry Extract on Cell Proliferation and Activation of Ras Signal Pathway at the Promotion Stage of Lung Tumorigenesis in Mice.. <i>Journal of Nutritional Science and Vitaminology</i> , 2002, 48, 69-72.	0.6	17
71	Prostaglandin E2 reinforces the activation of Ras signal pathway in lung adenocarcinoma cells via EP3. <i>FEBS Letters</i> , 2002, 518, 154-158.	2.8	58
72	Effect of the unsaturation degree on browning reactions of peanut oil and other edible oils with proteins under storage and frying conditions. <i>International Congress Series</i> , 2002, 1245, 445-446.	0.2	9

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73	High oleic acid oil suppresses lung tumorigenesis in mice through the modulation of extracellular signal-regulated kinase cascade. <i>Lipids</i> , 2002, 37, 783-788.	1.7	18
74	Inhibition of Expression of Ornithine Decarboxylase by c-myc Antisense Oligonucleotide at the Promotion Stage of Lung Tumorigenesis in Mice. <i>The Japanese Journal of Pharmacology</i> , 2001, 87, 90-92.	1.2	4
75	Regulation of cellular invasion and matrix metalloproteinase activity in HepG2 cell by connexin 26 transfection. <i>Molecular Carcinogenesis</i> , 2001, 31, 101-109.	2.7	30
76	The suppression of ornithine decarboxylase expression and cell proliferation at the promotion stage of lung tumorigenesis in mice by α -tocopheryloxybutyric acid. <i>Biochemical Pharmacology</i> , 2001, 61, 1177-1181.	4.4	13
77	Reduction of malignant phenotype of HEPG2 cell is associated with the expression of connexin 26 but not connexin 32. <i>Carcinogenesis</i> , 2001, 22, 1593-1600.	2.8	74
78	Vitamin E inhibits cell proliferation and the activation of extracellular signal-regulated kinase during the promotion phase of lung tumorigenesis irrespective of antioxidative effect. <i>Carcinogenesis</i> , 2000, 21, 2129-2133.	2.8	34
79	The effect of 6-methylthiohexyl isothiocyanate isolated from <i>Wasabia japonica</i> (wasabi) on 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone-induced lung tumorigenesis in mice. <i>Cancer Letters</i> , 2000, 155, 115-120.	7.2	38
80	Regulation of methionine adenosyltransferase activity by the glutathione level in rat liver during ischemia-reperfusion. <i>Surgery Today</i> , 1999, 29, 1053-1058.	1.5	10
81	Extracellular Signal-Regulated Kinase Mediates Renal Regeneration in Rats with Myoglobinuric Acute Renal Injury. <i>Biochemical and Biophysical Research Communications</i> , 1999, 254, 88-92.	2.1	28
82	Activation of Epidermal Growth Factor Receptor in the Early Phase after Renal Ischemia-Reperfusion in Rat. <i>Nephron</i> , 1999, 81, 230-233.	1.8	25
83	Regenerative response in acute renal failure due to vitamin E deficiency and glutathione depletion in rats. <i>Biochemical Pharmacology</i> , 1998, 56, 543-546.	4.4	5
84	The inhibitory effect of vitamin E on 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone-induced lung tumorigenesis in mice based on the regulation of polyamine metabolism. <i>Cancer Letters</i> , 1998, 126, 173-178.	7.2	14
85	The repetitive activation of extracellular signal-regulated kinase is required for renal regeneration in rat. <i>Life Sciences</i> , 1998, 62, 2341-2347.	4.3	9
86	Activation of extracellular signal-regulated kinase in lung tissues of mice treated with carcinogen. <i>Life Sciences</i> , 1998, 64, 229-236.	4.3	16
87	Induction of heme oxygenase-1 in toxic renal injury: mercuric chloride-induced acute renal failure in rat. <i>Toxicology Letters</i> , 1998, 94, 57-64.	0.8	20
88	The Inhibitory Effect of Vitamin E on Arachidonic Acid Metabolism during the Process of Urethane-Induced Lung Tumorigenesis in Mice. <i>Journal of Nutritional Science and Vitaminology</i> , 1997, 43, 471-477.	0.6	5
89	Effects of Vitamin E Deficiency and Glutathione Depletion on Stress Protein Heme Oxygenase 1 mRNA Expression in Rat Liver and Kidney. <i>Biochemical Pharmacology</i> , 1997, 54, 1081-1086.	4.4	8
90	The inhibitory effect of vitamin E on K-ras mutation at an early stage of lung carcinogenesis in mice. <i>European Journal of Pharmacology</i> , 1997, 323, 99-102.	3.5	7

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91	The modulation effect of vitamin E on prostaglandin E2 level and ornithine decarboxylase activity at the promotion phase of lung tumorigenesis in mice. <i>Biochemical Pharmacology</i> , 1997, 53, 1757-1759.	4.4	13
92	Regulation and Immunohistochemical Analysis of Stress Protein Heme Oxygenase-1 in Rat Kidney with Myoglobinuric Acute Renal Failure. <i>Biochemical and Biophysical Research Communications</i> , 1997, 240, 93-98.	2.1	24
93	The inhibitory effect of vitamin E on pulmonary polyamine biosynthesis, cell proliferation and carcinogenesis in mice. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1997, 1356, 35-42.	4.1	14
94	Immunohistochemical analysis of heme oxygenase-1 in rat liver after ischemia. <i>IUBMB Life</i> , 1997, 43, 551-556.	3.4	3
95	The Detection of Chemically Initiated Cells Having the Mutation of K-ras Gene at an Early Stage of Lung Carcinogenesis in Mice. <i>Analytical Biochemistry</i> , 1997, 244, 187-189.	2.4	11
96	Inhibitory Effect of Vitamin E on Cellular Events Related to Lung Tumorigenesis in Mice. , 1997, , 436-439.		0
97	The activation of K-ras gene at an early stage of lung tumorigenesis in mice. <i>Cancer Letters</i> , 1996, 107, 165-170.	7.2	28
98	The analysis of the process of renal regeneration in rats treated with mercury chloride. <i>The Japanese Journal of Pharmacology</i> , 1996, 71, 288.	1.2	1
99	Is K-ras Point Mutation an Early Event in Lung Tumorigenesis of Mice?. <i>Japanese Journal of Toxicology and Environmental Health</i> , 1996, 42, 178-181.	0.1	0
100	Oxidative Stress on the Nuclei as a Factor Regulating the Susceptibility of Spontaneous Lung Tumorigenesis in Mice.. <i>Japanese Journal of Toxicology and Environmental Health</i> , 1996, 42, 87-91.	0.1	0
101	The inhibitory effect of vitamin E feeding on polyamine synthesis and cell proliferation in lung tumorigenesis of mice. <i>The Japanese Journal of Pharmacology</i> , 1995, 67, 315.	1.2	1
102	Modulating effect of vitamin e on certain functions of alveolar macrophage. <i>Nutrition Research</i> , 1994, 14, 1387-1395.	2.9	2
103	Vitamin E acts as a useful chemopreventive agent to reduce spontaneous lung tumorigenesis in mice. <i>Cancer Letters</i> , 1994, 87, 205-210.	7.2	8
104	Enhancing effect of high dietary iron on lung tumorigenesis in mice. <i>Cancer Letters</i> , 1994, 76, 57-62.	7.2	7
105	Vitamin E Acts as a Useful Antioxidant to Protect Pulmonary Nuclei.. <i>Japanese Journal of Toxicology and Environmental Health</i> , 1994, 40, 193-196.	0.1	2
106	Is vitamin E a useful agent to protect against oxy radical-promoted lung tumorigenesis in ddY mice?. <i>Carcinogenesis</i> , 1993, 14, 1133-1136.	2.8	15
107	Active oxygen generation by alveolar macrophage in mice treated with carcinogen and promoter.. <i>Journal of Toxicological Sciences</i> , 1993, 18, 125-128.	1.5	1
108	The Modulating Effect of Vitamin E on Active Oxygen Generation by Alveolar Macrophage Challenged with Different Stimuli.. <i>Japanese Journal of Toxicology and Environmental Health</i> , 1993, 39, 76-79.	0.1	4

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109	BROMOBENZENE-INDUCED CLARA CELL DAMAGE: THE CONTRIBUTION OF CYTOCHROME P-450 SYSTEM LOCALIZED IN THE CLARA CELL. Journal of Toxicologic Pathology, 1990, 3, 223-230.	0.7	0
110	Restoration of connexin 43 by Bowman-Birk protease inhibitor in M5076 bearing mice. Oncology Reports, 0, , .	2.6	8