

Masa-Aki Shibata

List of Publications by Year in descending order

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102
papers

3,345
citations

126907

33
h-index

168389

53
g-index

104
all docs

104
docs citations

104
times ranked

3353
citing authors

#	ARTICLE	IF	CITATIONS
1	The C3(1)/SV40 T-antigen transgenic mouse model of mammary cancer: ductal epithelial cell targeting with multistage progression to carcinoma. <i>Oncogene</i> , 2000, 19, 1020-1027.	5.9	225
2	Apoptotic detection methods " from morphology to gene. <i>Progress in Histochemistry and Cytochemistry</i> , 2003, 38, 275-339.	5.1	131
3	Novel Therapeutic Strategy for Stroke in Rats by Bone Marrow Stromal Cells and ex vivo HGF Gene Transfer with HSV-1 Vector. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2006, 26, 1176-1188.	4.3	128
4	Haploid loss of bax leads to accelerated mammary tumor development in C3(1)/SV40-TAg transgenic mice: reduction in protective apoptotic response at the preneoplastic stage. <i>EMBO Journal</i> , 1999, 18, 2692-2701.	7.8	116
5	±-Mangostin extracted from the pericarp of the mangosteen (<i>Garcinia mangostana</i> Linn) reduces tumor growth and lymph node metastasis in an immunocompetent xenograft model of metastatic mammary cancer carrying a p53 mutation. <i>BMC Medicine</i> , 2011, 9, 69.	5.5	108
6	Lovastatin inhibits tumor growth and lung metastasis in mouse mammary carcinoma model: a p53-independent mitochondrial-mediated apoptotic mechanism. <i>Carcinogenesis</i> , 2004, 25, 1887-1898.	2.8	98
7	Promotion by ascorbic acid, sodium erythorbate and ethoxyquin of neoplastic lesions in rats initiated with N-butyl-N-(4-hydroxybutyl)nitrosamine. <i>Cancer Letters</i> , 1984, 23, 29-37.	7.2	92
8	Induction of Renal Cell Tumors in Rats and Mice, and Enhancement of Hepatocellular Tumor Development in Mice after Long-term Hydroquinone Treatment. <i>Japanese Journal of Cancer Research</i> , 1991, 82, 1211-1219.	1.7	84
9	Comparative effects of lovastatin on mammary and prostate oncogenesis in transgenic mouse models. <i>Carcinogenesis</i> , 2003, 24, 453-459.	2.8	84
10	Lack of Carcinogenicity of Quercetin in F344/DuCrj Rats. <i>Japanese Journal of Cancer Research</i> , 1989, 80, 317-325.	1.7	74
11	Changes in urine composition, bladder epithelial morphology, and DNA synthesis in male F344 rats in response to ingestion of bladder tumor promoters. <i>Toxicology and Applied Pharmacology</i> , 1989, 99, 37-49.	2.8	65
12	PEGylated Polyplex With Optimized PEG Shielding Enhances Gene Introduction in Lungs by Minimizing Inflammatory Responses. <i>Molecular Therapy</i> , 2012, 20, 1196-1203.	8.2	62
13	Spontaneous Tumors in Aging (C57BL/6N X C3H/HeN) ^{F1} (B6C3F ¹) Mice. <i>Toxicologic Pathology</i> , 1988, 16, 321-326.	1.8	60
14	Involvement of Fas system and active caspases in apoptotic signalling in testicular germ cells of ethanol-treated rats. <i>Journal of Developmental and Physical Disabilities</i> , 2002, 25, 159-167.	3.6	59
15	Alterations in Cell Cycle and Induction of Apoptotic Cell Death in Breast Cancer Cells Treated with ±-Mangostin Extracted from Mangosteen Pericarp. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-9.	3.0	59
16	Suppression of murine mammary carcinoma growth and metastasis by HSVtk/GCV gene therapy using in vivo electroporation. <i>Cancer Gene Therapy</i> , 2002, 9, 16-27.	4.6	57
17	Postischemic Intraventricular Administration of FGF-2 Expressing Adenoviral Vectors Improves Neurologic Outcome and Reduces Infarct Volume after Transient Focal Cerebral Ischemia in Rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2004, 24, 1205-1213.	4.3	57
18	The role of urinary pH and sodium ion concentration in the promotion stage of two-stage carcinogenesis of the rat urinary bladder. <i>Carcinogenesis</i> , 1988, 9, 1203-1206.	2.8	56

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19	Cholesterol-lowering Action of BNA-based Antisense Oligonucleotides Targeting PCSK9 in Atherogenic Diet-induced Hypercholesterolemic Mice. <i>Molecular Therapy - Nucleic Acids</i> , 2012, 1, e22.	5.1	55
20	WIDE-SPECTRUM INITIATION MODELS: POSSIBLE APPLICATIONS TO MEDIUM-TERM MULTIPLE ORGAN BIOASSAYS FOR CARCINOGENESIS MODIFIERS. <i>Japanese Journal of Cancer Research</i> , 1988, 79, 413-417.	1.7	54
21	COX-2 inhibitor celecoxib suppresses tumor growth and lung metastasis of a murine mammary cancer. <i>Anticancer Research</i> , 2006, 26, 4245-54.	1.1	54
22	Suppression of mammary carcinoma growth in vitro and in vivo by inducible expression of the Cdk inhibitor p21. <i>Cancer Gene Therapy</i> , 2001, 8, 23-35.	4.6	52
23	Evaluation of cell death and proliferation in psoriatic epidermis. <i>Journal of Dermatological Science</i> , 2004, 35, 207-214.	1.9	52
24	Evaluation of fluoride-labeled boronophenylalanine-PET imaging for the study of radiation effects in patients with glioblastomas. <i>Journal of Neuro-Oncology</i> , 2008, 89, 239-246.	2.9	51
25	Downregulation of TGF β 2 isoforms and their receptors contributes to keratinocyte hyperproliferation in psoriasis vulgaris. <i>Journal of Dermatological Science</i> , 2003, 33, 7-16.	1.9	50
26	Responses of rat urine and urothelium to bladder tumor promoters: possible roles of prostaglandin E2 and ascorbic acid synthesis in bladder carcinogenesis. <i>Carcinogenesis</i> , 1989, 10, 1651-1656.	2.8	46
27	Massive apoptotic cell death of human glioma cells via a mitochondrial pathway following 5-aminolevulinic acid-mediated photodynamic therapy. <i>Journal of Neuro-Oncology</i> , 2007, 83, 223-231.	2.9	46
28	Dose-dependent effects of 2-acetylaminofluorene on hepatic foci development and cell proliferation in rats. <i>Carcinogenesis</i> , 1991, 12, 985-990.	2.8	45
29	The C3(1)/SV40 T Antigen Transgenic Mouse Model of Prostate and Mammary Cancer. <i>Toxicologic Pathology</i> , 1998, 26, 177-182.	1.8	45
30	Amplification of Ki-ras and elevation of MAP kinase activity during mammary tumor progression in C3(1)/SV40 Tag transgenic mice. <i>Oncogene</i> , 1998, 17, 2403-2411.	5.9	41
31	Vaticanol C, a novel resveratrol tetramer, reduces lymph node and lung metastases of mouse mammary carcinoma carrying p53 mutation. <i>Cancer Chemotherapy and Pharmacology</i> , 2007, 60, 681-691.	2.3	37
32	Panaxanthone isolated from pericarp of <i>Garcinia mangostana</i> L. suppresses tumor growth and metastasis of a mouse model of mammary cancer. <i>Anticancer Research</i> , 2009, 29, 2485-95.	1.1	37
33	Early proliferative responses of forestomach and glandular stomach of rats treated with five different phenolic antioxidants. <i>Carcinogenesis</i> , 1990, 11, 425-429.	2.8	35
34	Chemoprevention by indomethacin of tumor promotion in a rat urinary bladder carcinogenesis model. <i>International Journal of Cancer</i> , 1993, 55, 1011-1017.	5.1	33
35	Fas-mediated apoptosis in human lens epithelial cells of cataracts associated with diabetic retinopathy. <i>Medical Electron Microscopy: Official Journal of the Clinical Electron Microscopy Society of Japan</i> , 2002, 35, 234-241.	1.8	33
36	Method of Specific Detection of Apoptosis Using Formamide-induced DNA Denaturation Assay. <i>Journal of Histochemistry and Cytochemistry</i> , 2006, 54, 683-692.	2.5	33

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37	Co-carcinogenic effects of NaHCO ₃ on o-phenylphenol-induced rat bladder carcinogenesis. <i>Carcinogenesis</i> , 1989, 10, 1635-1640.	2.8	31
38	The Modifying Effects of Indomethacin or Ascorbic Acid on Cell Proliferation Induced by Different Types of Bladder Tumor Promoters in Rat Urinary Bladder and Forestomach Mucosal Epithelium. <i>Japanese Journal of Cancer Research</i> , 1992, 83, 31-39.	1.7	30
39	In vivo electrogene transfer of interleukin-12 inhibits tumor growth and lymph node and lung metastases in mouse mammary carcinomas. <i>Journal of Gene Medicine</i> , 2006, 8, 335-352.	2.8	30
40	Epithelial cell proliferation in rat forestomach and glandular stomach mucosa induced by catechol and analogous dihydroxybenzenes. <i>Carcinogenesis</i> , 1990, 11, 997-1000.	2.8	28
41	Caspase cascade of Fas-mediated apoptosis in human normal endometrium and endometrial carcinoma cells. <i>Molecular Human Reproduction</i> , 2006, 12, 535-541.	2.8	28
42	Structure-Activity Relations in Promotion of Rat Urinary Bladder Carcinogenesis by Phenolic Antioxidants. <i>Japanese Journal of Cancer Research</i> , 1990, 81, 754-759.	1.7	26
43	Raloxifene, a selective estrogen receptor modulator, induces mitochondria-mediated apoptosis in human endometrial carcinoma cells. <i>Medical Molecular Morphology</i> , 2008, 41, 132-138.	1.0	26
44	Enhancing effects of sodium phenobarbital and N,N-dibutyl nitrosamine on tumor development in a rat wide-spectrum organ carcinogenesis model. <i>Carcinogenesis</i> , 1990, 11, 1027-1031.	2.8	25
45	Massive apoptotic cell death in chemically induced rat urinary bladder carcinomas following in situ HSVtk electrogene transfer. <i>Journal of Gene Medicine</i> , 2003, 5, 219-231.	2.8	24
46	The endogenous soluble VEGF receptor-2 isoform suppresses lymph node metastasis in a mouse immunocompetent mammary cancer model. <i>BMC Medicine</i> , 2010, 8, 69.	5.5	22
47	Organ-specific Modification of Tumor Development by Low-dose Combinations of Agents in a Rat Wide-spectrum Carcinogenesis Model. <i>Japanese Journal of Cancer Research</i> , 1991, 82, 784-792.	1.7	21
48	Enhancing effect of concomitant L-ascorbic acid administration on BHA-induced forestomach carcinogenesis in rats. <i>Carcinogenesis</i> , 1993, 14, 275-280.	2.8	21
49	Absence of promotion potential for calcium l-ascorbate, l-ascorbic dipalmitate, l-ascorbic stearate and erythorbic acid on rat urinary bladder carcinogenesis. <i>Cancer Letters</i> , 1987, 35, 17-25.	7.2	20
50	Selective induction of rat urinary bladder tumors by simultaneous administration of 3,2'-dimethyl-4-aminobiphenyl (DMAB) and butylated hydroxyanisole or butylated hydroxytoluene is associated with increased DMAB-DNA adduct formation. <i>Carcinogenesis</i> , 1991, 12, 1335-1339.	2.8	20
51	Sex Differences in o-Phenylphenol and Sodium o-Phenylphenate Rat Urinary Bladder Carcinogenesis: Urinary Metabolites and Electrolytes under Conditions of Aciduria and Alkalinuria. <i>Japanese Journal of Cancer Research</i> , 1991, 82, 657-664.	1.7	19
52	Spermidine/Spermine N-Acetyltransferase, a New Biochemical Marker for Epithelial Proliferation in Rat Bladder. <i>Japanese Journal of Cancer Research</i> , 1992, 83, 1037-1040.	1.7	19
53	Modification of BHA forestomach carcinogenesis in rats: inhibition by diethylmaleate or indomethacin and enhancement by a retinoid. <i>Carcinogenesis</i> , 1993, 14, 1265-1269.	2.8	19
54	Enhancing effects of an organic arsenic compound, dimethylarsinic acid (cacodylic acid), in a multi-organ carcinogenesis bioassay. <i>Applied Organometallic Chemistry</i> , 1994, 8, 197-199.	3.5	19

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55	Differences in cell proliferation and apoptosis between reversible and irreversible mucosal lesions associated with uracil-induced urolithiasis in N-butyl-N-(4-hydroxybutyl)nitrosamine-pretreated rats. <i>Carcinogenesis</i> , 1995, 16, 501-505.	2.8	19
56	Reduced p53 dosage associated with mammary tumor metastases in C3(1)/TAG transgenic mice. , 1997, 20, 168-174.		19
57	Development and characterization of a mouse prostate adenocarcinoma cell line: Ductal formation determined by extracellular matrix. , 1998, 34, 10-22.		18
58	Mechanism of Inflammation in Murine Eosinophilic Myocarditis Produced by Adoptive Transfer with Ovalbumin Challenge. <i>International Archives of Allergy and Immunology</i> , 2007, 142, 28-39.	2.1	17
59	Development of a 2'-4'-BNA/LNA-based siRNA for Dyslipidemia and Assessment of the Effects of Its Chemical Modifications In Vivo. <i>Molecular Therapy - Nucleic Acids</i> , 2012, 1, e45.	5.1	17
60	An immunocompetent murine model of metastatic mammary cancer accessible to bioluminescence imaging. <i>Anticancer Research</i> , 2009, 29, 4389-95.	1.1	17
61	Modifying effects of simultaneous treatment with butylated hydroxyanisole (BHA) on rat tumor induction by 3,2'-dimethyl-4-aminobiphenyl, 2,2'-dihydroxy-di-n-propylnitrosamine and N-methylnitrosourea. <i>Carcinogenesis</i> , 1989, 10, 2255-2259.	2.8	16
62	DNA methylation adduct formation and H-ras gene mutations in progression of N-butyl-N-(4-hydroxybutyl)nitrosamine-induced bladder tumors caused by a single exposure to N-methyl-N-nitrosourea. <i>Carcinogenesis</i> , 1994, 15, 2965-2968.	2.8	16
63	Enhanced sensitivity to tumor growth and development in multistage skin carcinogenesis by transforming growth factor- β -induced epidermal growth factor receptor activation but not p53 inactivation. , 1997, 18, 160-170.		16
64	Macrophage apoptosis in rat skeletal muscle treated with bupivacaine hydrochloride: Possible role of MCP-1. <i>Muscle and Nerve</i> , 2002, 26, 79-86.	2.2	16
65	Influence of Aging on Multi-organ Carcinogenesis in Rats Induced by N-Methyl-N-nitrosourea. <i>Japanese Journal of Cancer Research</i> , 1993, 84, 139-146.	1.7	15
66	Inorganic Alkalizers and Acidifiers under Conditions of High Urinary Na ⁺ or K ⁺ on Cell Proliferation and Two-stage Carcinogenesis in the Rat Bladder. <i>Japanese Journal of Cancer Research</i> , 1992, 83, 821-829.	1.7	14
67	Development of PIN and Prostate Adenocarcinoma Cell Lines: A Model System for Multistage Tumor Progression. <i>Neoplasia</i> , 2002, 4, 112-120.	5.3	14
68	Raloxifene inhibits tumor growth and lymph node metastasis in a xenograft model of metastatic mammary cancer. <i>BMC Cancer</i> , 2010, 10, 566.	2.6	14
69	Pathological and molecular analyses of atherosclerotic lesions in ApoE-knockout mice. <i>Medical Molecular Morphology</i> , 2017, 50, 130-144.	1.0	14
70	Heterotopic endochondrial ossification with mixed tumor formation in C3(1)/Tag transgenic mice is associated with elevated TGF-beta1 and BMP-2 expression. <i>Oncogene</i> , 1999, 18, 5435-5447.	5.9	13
71	Haploid loss of Ki-ras delays mammary tumor progression in C3 (1)/SV40 Tag transgenic mice. <i>Oncogene</i> , 2001, 20, 2044-2049.	5.9	13
72	Crude β -Mangostin Suppresses the Development of Atherosclerotic Lesions in Apoe-Deficient Mice by a Possible M2 Macrophage-Mediated Mechanism. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1722.	4.1	13

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73	Indomethacin can induce cell death in rat gastric parietal cells through alteration of some apoptosis-associated molecules. <i>International Journal of Experimental Pathology</i> , 2020, 101, 230-247.	1.3	13
74	Expression of delta-like 3 is downregulated by aberrant DNA methylation and histone modification in hepatocellular carcinoma. <i>Oncology Reports</i> , 2018, 39, 2209-2216.	2.6	12
75	Therapy with siRNA for Vegf-c but not for Vegf-d suppresses wide-spectrum organ metastasis in an immunocompetent xenograft model of metastatic mammary cancer. <i>Anticancer Research</i> , 2013, 33, 4237-47.	1.1	12
76	Decrease of Prostaglandin E2 and 5-Bromo-2-deoxyuridine Labeling but Not Prostate Tumor Development by Indomethacin Treatment of Rats Given 3,2-Dimethyl-4-aminobiphenyl and Testosterone Propionate. <i>Japanese Journal of Cancer Research</i> , 1997, 88, 350-355.	1.7	11
77	Experimental gene therapy in mammary and urinary bladder cancer using electrogene transfer. <i>Medical Electron Microscopy: Official Journal of the Clinical Electron Microscopy Society of Japan</i> , 2004, 37, 216-224.	1.8	11
78	Locked nucleic acid antisense inhibitor targeting apolipoprotein C-III efficiently and preferentially removes triglyceride from large very low-density lipoprotein particles in murine plasma. <i>European Journal of Pharmacology</i> , 2014, 723, 353-359.	3.5	10
79	Metastasis of Breast Cancer Promoted by Circadian Rhythm Disruption due to Light/Dark Shift and its Prevention by Dietary Quercetin in Mice. <i>Journal of Circadian Rhythms</i> , 2021, 19, 2.	1.3	10
80	Subchronic toxicity study of sodium o-phenylphenate in mice. <i>Toxicology Letters</i> , 1985, 25, 239-246.	0.8	9
81	No promotion of urinary bladder carcinogenesis by sodium L-ascorbate in male ODS/Shi-od/od rats lacking L-ascorbic acid-synthesizing ability. <i>Carcinogenesis</i> , 1991, 12, 1869-1873.	2.8	9
82	Modification by Analgesics of Lesion Development in the Urinary Tract and Various Other Organs of Rats Pretreated with Dihydroxy-di-N-propylnitrosamine and Uracil. <i>Japanese Journal of Cancer Research</i> , 1995, 86, 160-167.	1.7	9
83	The relationship between apoptosis and splenocyte depletion in rats following ethanol treatment. <i>Medical Electron Microscopy: Official Journal of the Clinical Electron Microscopy Society of Japan</i> , 2000, 33, 89-95.	1.8	9
84	Inhibition by dehydroepiandrosterone of butylated hydroxyanisole (BHA) promotion of rat-bladder carcinogenesis and enhancement of BHA-induced forestomach hyperplasia. <i>International Journal of Cancer</i> , 1993, 53, 819-823.	5.1	8
85	Lack of tumor promoting effects of KCB-1, a recombinant human basic fibroblast growth factor, on two-stage skin carcinogenesis in female CD-1 (ICR) mice. <i>Cancer Letters</i> , 1996, 105, 195-202.	7.2	8
86	Electrogene transfer of an Epstein-Barr virus-based plasmid replicon vector containing the diphtheria toxin A gene suppresses mammary carcinoma growth in SCID mice. <i>Cancer Science</i> , 2005, 96, 434-440.	3.9	8
87	Easy stable transfection of a human cancer cell line by electrogene transfer with an Epstein-Barr virus-based plasmid vector. <i>Medical Molecular Morphology</i> , 2007, 40, 103-107.	1.0	8
88	Lymphangiogenesis and Axillary Lymph Node Metastases Correlated with VEGF-C Expression in Two Immunocompetent Mouse Mammary Carcinoma Models. <i>International Journal of Breast Cancer</i> , 2011, 2011, 1-10.	1.2	8
89	Mammary cancer gene therapy targeting lymphangiogenesis: VEGF-C siRNA and soluble VEGF receptor-2, a splicing variant. <i>Medical Molecular Morphology</i> , 2012, 45, 179-184.	1.0	8
90	Synthetic mangostin dilaurate strongly suppresses wide-spectrum organ metastasis in a mouse model of mammary cancer. <i>Cancer Science</i> , 2018, 109, 1660-1671.	3.9	8

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91	Soluble Vegfr3 gene therapy suppresses multi-organ metastasis in a mouse mammary cancer model. <i>Cancer Science</i> , 2020, 111, 2837-2849.	3.9	8
92	Natural Products for Medicine. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-1.	3.0	7
93	Comparative promoting activities of phosphate salts on rat two-stage bladder carcinogenesis under conditions of equivalent urinary Na ⁺ or K ⁺ Levels. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1991, 11, 305-316.	0.8	6
94	Progressive growth of rat bladder carcinomas after exposure to prolonged uracil-induced urolithiasis. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1994, 14, 157-168.	0.8	6
95	Antimetastatic effect of suicide gene therapy for mouse mammary cancers requires T-cell-mediated immune responses. <i>Medical Molecular Morphology</i> , 2008, 41, 34-43.	1.0	5
96	Phagocytosis mechanism of apoptotic granulosa cells regulated by milk-fat globule-EGF factor 8. <i>Medical Molecular Morphology</i> , 2009, 42, 143-149.	1.0	5
97	Timing Effects of Uracil-induced Urolithiasis on Amplification of Second-stage Promotion in Rat Bladder Carcinogenesis. <i>Japanese Journal of Cancer Research</i> , 1991, 82, 1077-1084.	1.7	4
98	Evaluation of lymphatic flow pattern using indocyanine green fluorescence imaging in a highly metastatic mouse model. <i>Cancer Science</i> , 2021, 112, 774-780.	3.9	4
99	Spontaneous Endometrial Hyperplasia in the Uteri of IL-2 Receptor Beta-Chain Transgenic Mice. <i>Journal of Reproduction and Development</i> , 2009, 55, 273-277.	1.4	2
100	Urethane-induced Mammary Carcinogenesis Susceptibility in Transgenic Mice Expressing a Dominant-negative TGF- β 2 Type II Receptor. <i>Anticancer Research</i> , 2020, 40, 2687-2694.	1.1	1
101	Suppression of murine mammary carcinoma growth and metastasis by HSVtk/GCV gene therapy using in vivo electroporation. <i>Cancer Gene Therapy</i> , 2002, 9, 16-27.	4.6	1
102	Lack of Tumorigenic Effects on Rat Renal Pelvic Transitional Epithelium of Life-Span Exposure to Low Doses of a Bladder Carcinogen. <i>Journal of Toxicologic Pathology</i> , 1993, 6, 47S-53S.	0.7	1