

Mehdi Dadashpour

List of Publications by Year in descending order

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106
papers

5,040
citations

61687

45
h-index

124990

64
g-index

110
all docs

110
docs citations

110
times ranked

5244
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased Pro-Apoptotic and Anti-Proliferative Activities of Simvastatin Encapsulated PCL-PEG Nanoparticles on Human Breast Cancer Adenocarcinoma Cells. <i>Journal of Cluster Science</i> , 2023, 34, 211-222.	1.7	11
2	Biomedical Applications of Functionalized Gold Nanoparticles: A Review. <i>Journal of Cluster Science</i> , 2022, 33, 1-16.	1.7	115
3	Stimulus-responsive drug/gene delivery system based on polyethylenimine cyclodextrin nanoparticles for potential cancer therapy. <i>Carbohydrate Polymers</i> , 2022, 276, 118747.	5.1	35
4	Emerging importance of nanotechnology-based approaches to control the COVID-19 pandemic; focus on nanomedicine iterance in diagnosis and treatment of COVID-19 patients. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 67, 102967.	1.4	19
5	Implantable magnetic nanofibers with ON/OFF switchable release of curcumin for possible local hyperthermic chemotherapy of melanoma. <i>Journal of Biomedical Materials Research - Part A</i> , 2022, 110, 851-860.	2.1	41
6	Application of decellularized bone matrix as a bioscaffold in bone tissue engineering. <i>Journal of Biological Engineering</i> , 2022, 16, 1.	2.0	57
7	Development of a Magnetic Nanostructure for Co-delivery of Metformin and Silibinin on Growth of Lung Cancer Cells: Possible Action Through Leptin Gene and its Receptor Regulation. <i>Asian Pacific Journal of Cancer Prevention</i> , 2022, 23, 519-527.	0.5	34
8	Design and Development of Nanostructured Co Delivery of Artemisinin and Chrysin for Targeting hTERT Gene Expression in Breast Cancer Cell Line: Possible Clinical Application in Cancer Treatment. <i>Asian Pacific Journal of Cancer Prevention</i> , 2022, 23, 919-927.	0.5	11
9	Cancer combination therapies by angiogenesis inhibitors; a comprehensive review. <i>Cell Communication and Signaling</i> , 2022, 20, 49.	2.7	71
10	Transcriptome profiling of curcumin-treated T47D human breast cancer cells by a system-based approach. <i>Gene Reports</i> , 2022, 27, 101556.	0.4	3
11	Micro- and nanotechnology in biomedical engineering for cartilage tissue regeneration in osteoarthritis. <i>Beilstein Journal of Nanotechnology</i> , 2022, 13, 363-389.	1.5	12
12	Design and fabrication of a dual-drug loaded nano-platform for synergistic anticancer and cytotoxicity effects on the expression of leptin in lung cancer treatment. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 73, 103389.	1.4	14
13	Recent advances in targeted drug delivery systems for resistant colorectal cancer. <i>Cancer Cell International</i> , 2022, 22, 196.	1.8	10
14	A state-of-the-art review on the recent advances of niosomes as a targeted drug delivery system. <i>International Journal of Pharmaceutics</i> , 2022, 624, 121878.	2.6	74
15	Spotlight on therapeutic efficiency of mesenchymal stem cells in viral infections with a focus on COVID-19. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	25
16	Recent advances in treatment Crimean-Congo hemorrhagic fever virus: A concise overview. <i>Microbial Pathogenesis</i> , 2022, 169, 105657.	1.3	9
17	Osteogenic differentiation of adipose-derived stem cells on dihydroartemisinin electrospun nanofibers. <i>Journal of Biological Engineering</i> , 2022, 16, .	2.0	4
18	The Effect of Dual Bioactive Compounds Artemisinin and Metformin Co-loaded in PLGA-PEG Nano-particles on Breast Cancer Cell lines: Potential Apoptotic and Anti-proliferative Action. <i>Applied Biochemistry and Biotechnology</i> , 2022, 194, 4930-4945.	1.4	21

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19	An update of Nrf2 activators and inhibitors in cancer prevention/promotion. <i>Cell Communication and Signaling</i> , 2022, 20, .	2.7	36
20	An implantable smart hyperthermia nanofiber with switchable, controlled and sustained drug release: Possible application in prevention of cancer local recurrence. <i>Materials Science and Engineering C</i> , 2021, 118, 111384.	3.8	63
21	Metformin and Silibinin co-loaded PLGA-PEG nanoparticles for effective combination therapy against human breast cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102107.	1.4	30
22	Potential activity of free and PLGA/PEG nanoencapsulated nasturtium officinale extract in inducing cytotoxicity and apoptosis in human lung carcinoma A549 cells. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102256.	1.4	32
23	Cyclodextrin based natural nanostructured carbohydrate polymers as effective non-viral siRNA delivery systems for cancer gene therapy. <i>Journal of Controlled Release</i> , 2021, 330, 1046-1070.	4.8	72
24	Anticancer efficiency of curcumin-loaded mesoporous silica nanoparticles/nanofiber composites for potential postsurgical breast cancer treatment. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102170.	1.4	22
25	Pathophysiological Effects of Sulfur Mustard on Skin and its Current Treatments: Possible Application of Phytochemicals. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021, 24, 3-19.	0.6	4
26	In vitro anticancer efficacy of Metformin-loaded PLGA nanofibers towards the post-surgical therapy of lung cancer. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102318.	1.4	29
27	Prolonged proliferation and delayed senescence of the adipose-derived stem cells grown on the electrospun composite nanofiber co-encapsulated with TiO ₂ nanoparticles and metformin-loaded mesoporous silica nanoparticles. <i>International Journal of Pharmaceutics</i> , 2021, 604, 120733.	2.6	34
28	Anticancer Potential of Silibinin Loaded Polymeric Nanoparticles against Breast Cancer Cells: Insight into the Apoptotic Genes Targets. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021, 22, 2587-2596.	0.5	26
29	In vitro expansion of human adipose-derived stem cells with delayed senescence through dual stage release of curcumin from mesoporous silica nanoparticles/electrospun nanofibers. <i>Life Sciences</i> , 2021, 285, 119947.	2.0	25
30	Efficient osteoblastic differentiation of human adipose-derived stem cells on TiO ₂ nanoparticles and metformin co-embedded electrospun composite nanofibers. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 66, 102798.	1.4	12
31	Co-delivery of metformin and silibinin in dual-drug loaded nanoparticles synergistically improves chemotherapy in human non-small cell lung cancer A549 cells. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 66, 102752.	1.4	31
32	Calculation of radium-223 and actinium-225 α -emitter radiopharmaceuticals dose rates in treatment of metastatic castration-resistant prostate cancer. <i>Journal of Cancer Research and Therapeutics</i> , 2021, 17, 348.	0.3	6
33	Let-7d and miR-185 Impede Epithelial-Mesenchymal Transition by Downregulating Rab25 in Breast Cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021, 22, 305-313.	0.5	10
34	Sustained delivery efficiency of curcumin through ZSM-5 nanozeolites/electrospun nanofibers for counteracting senescence of human adipose-derived stem cells. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 66, 102902.	1.4	12
35	Co-Administration of Vadimezan and Recombinant Coagulase-NGR Inhibits Growth of Melanoma Tumor in Mice. <i>Advanced Pharmaceutical Bulletin</i> , 2021, 11, 385-392.	0.6	3
36	Apoptotic Effect of <i>Saccharomyces cerevisiae</i> on Human Colon Cancer SW480 Cells by Regulation of Akt/NF- κ B Signaling Pathway. <i>Probiotics and Antimicrobial Proteins</i> , 2020, 12, 311-319.	1.9	31

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37	New insight into the engineering of green carbon dots: Possible applications in emerging cancer theranostics. <i>Talanta</i> , 2020, 209, 120547.	2.9	34
38	Synergistic anticancer effects of electrospun nanofiber-mediated codelivery of Curcumin and Chrysin: Possible application in prevention of breast cancer local recurrence. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 55, 101402.	1.4	63
39	GDNF gene-engineered adipose-derived stem cells seeded Emu oil-loaded electrospun nanofibers for axonal regeneration following spinal cord injury. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 102095.	1.4	18
40	Changes in Th17 cells frequency and function after ozone therapy used to treat multiple sclerosis patients. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 46, 102466.	0.9	20
41	In vitro evaluation of Zeolite-nHA blended PCL/PLA nanofibers for dental tissue engineering. <i>Materials Chemistry and Physics</i> , 2020, 252, 123152.	2.0	70
42	Biomedical applications of zeolite-based materials: A review. <i>Materials Science and Engineering C</i> , 2020, 116, 111225.	3.8	82
43	Omics Integration Analysis Unravel the Landscape of Driving Mechanisms of Colorectal Cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , 2020, 21, 3539-3549.	0.5	6
44	Recent advances on nanomaterials-based fluorimetric approaches for microRNAs detection. <i>Materials Science and Engineering C</i> , 2019, 104, 110007.	3.8	70
45	Spotlight on 17 α -AAG as an Hsp90 inhibitor for molecular targeted cancer treatment. <i>Chemical Biology and Drug Design</i> , 2019, 93, 760-786.	1.5	66
46	Enhanced anti-proliferative and pro-apoptotic effects of metformin encapsulated PLGA-PEG nanoparticles on SKOV3 human ovarian carcinoma cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 737-746.	1.9	35
47	Synergistic Antiproliferative Effects of Co-nanoencapsulated Curcumin and Chrysin on MDA-MB-231 Breast Cancer Cells Through Upregulating miR-132 and miR-502c. <i>Nutrition and Cancer</i> , 2019, 71, 1201-1213.	0.9	41
48	The relationship between microRNAs and Rab family GTPases in human cancers. <i>Journal of Cellular Physiology</i> , 2019, 234, 12341-12352.	2.0	10
49	Induced pluripotent stem cell-derived extracellular vesicles: A novel approach for cell-free regenerative medicine. <i>Journal of Cellular Physiology</i> , 2019, 234, 8455-8464.	2.0	38
50	17-Allylamino-17-demethoxygeldanamycin loaded PCL/PEG nanofibrous scaffold for effective growth inhibition of T47D breast cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 49, 162-168.	1.4	36
51	Transcribed mRNA Delivery Using PLGA/PEI Nanoparticles into Human Monocyte-derived Dendritic Cells. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 1659-1675.	0.3	15
52	Reduced Levels of miR-28 and miR-200a Act as Predictor Biomarkers of Aggressive Clinicopathological Characteristics in Gastric Cancer Patients. , 2019, 8, 1329.		7
53	Effect of green GO/Au nanocomposite on in vitro amplification of human DNA. <i>IET Nanobiotechnology</i> , 2019, 13, 887-890.	1.9	3
54	Reversion of Multidrug Resistance by Co-Encapsulation of Doxorubicin and Metformin in Poly(lactide-co-glycolide)-d- α -tocopheryl Polyethylene Glycol 1000 Succinate Nanoparticles. <i>Pharmaceutical Research</i> , 2018, 35, 119.	1.7	64

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55	Recent Advances in Cell Electrospinning of Natural and Synthetic Nanofibers for Regenerative Medicine. <i>Drug Research</i> , 2018, 68, 425-435.	0.7	35
56	The emu oil emulsified in egg lecithin and butylated hydroxytoluene enhanced the proliferation, stemness gene expression, and in vitro wound healing of adipose-derived stem cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2018, 54, 205-216.	0.7	10
57	Effects of nano-encapsulated curcumin-chrysin on telomerase, <i>MMPs</i> and <i>TIMPs</i> gene expression in mouse B16F10 melanoma tumour model. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 75-86.	1.9	70
58	An <i>in vitro</i> examination of the antioxidant, cytoprotective and anti-inflammatory properties of chrysin-loaded nanofibrous mats for potential wound healing applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 706-716.	1.9	77
59	Nano-encapsulated metformin-curcumin in PLGA/PEG inhibits synergistically growth and hTERT gene expression in human breast cancer cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 917-925.	1.9	90
60	Watercross-based electrospun nanofibrous scaffolds enhance proliferation and stemness preservation of human adipose-derived stem cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 819-830.	1.9	47
61	Curcumin Affects Adipose Tissue-Derived Mesenchymal Stem Cell Aging Through TERT Gene Expression. <i>Drug Research</i> , 2018, 68, 213-221.	0.7	68
62	Macrophage repolarization using emu oil-based electrospun nanofibers: possible application in regenerative medicine. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1258-1265.	1.9	25
63	The inhibitory effects of nano-encapsulated metformin on growth and hTERT expression in breast cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 43, 19-26.	1.4	51
64	17-DMAG-loaded nanofibrous scaffold for effective growth inhibition of lung cancer cells through targeting HSP90 gene expression. <i>Biomedicine and Pharmacotherapy</i> , 2018, 105, 1026-1032.	2.5	49
65	Synergistic Anti-proliferative Effects of Metformin and Silibinin Combination on T47D Breast Cancer Cells via hTERT and Cyclin D1 Inhibition. <i>Drug Research</i> , 2018, 68, 710-716.	0.7	47
66	Biomimetic synthesis of silver nanoparticles using <i>Matricaria chamomilla</i> extract and their potential anticancer activity against human lung cancer cells. <i>Materials Science and Engineering C</i> , 2018, 92, 902-912.	3.8	107
67	Chrysin-nanoencapsulated PLGA-PEG for macrophage repolarization: Possible application in tissue regeneration. <i>Biomedicine and Pharmacotherapy</i> , 2018, 105, 773-780.	2.5	65
68	An Overview on Application of Natural Substances Incorporated with Electrospun Nanofibrous Scaffolds to Development of Innovative Wound Dressings. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018, 18, 414-427.	1.1	140
69	Synergistic Growth Inhibitory Effects of Chrysin and Metformin Combination on Breast Cancer Cells through hTERT and Cyclin D1 Suppression. <i>Asian Pacific Journal of Cancer Prevention</i> , 2018, 19, 977-982.	0.5	24
70	Combination of metformin and phenformin synergistically inhibits proliferation and hTERT expression in human breast cancer cells. <i>Iranian Journal of Basic Medical Sciences</i> , 2018, 21, 1167-1173.	1.0	24
71	Silibinin-loaded magnetic nanoparticles inhibit hTERT gene expression and proliferation of lung cancer cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1649-1656.	1.9	66
72	Cytoprotection, proliferation and epidermal differentiation of adipose tissue-derived stem cells on emu oil based electrospun nanofibrous mat. <i>Experimental Cell Research</i> , 2017, 357, 192-201.	1.2	55

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73	Chrysin Alters microRNAs Expression Levels in Gastric Cancer Cells: Possible Molecular Mechanism. <i>Drug Research</i> , 2017, 67, 509-514.	0.7	48
74	An update on application of nanotechnology and stem cells in spinal cord injury regeneration. <i>Biomedicine and Pharmacotherapy</i> , 2017, 90, 85-92.	2.5	64
75	Anti-bacterial activity of graphene oxide as a new weapon nanomaterial to combat multidrug-resistance bacteria. <i>Materials Science and Engineering C</i> , 2017, 74, 568-581.	3.8	193
76	Co-Delivery of Curcumin and Chrysin by Polymeric Nanoparticles Inhibit Synergistically Growth and hTERT Gene Expression in Human Colorectal Cancer Cells. <i>Nutrition and Cancer</i> , 2017, 69, 1290-1299.	0.9	102
77	Emerging Importance of Phytochemicals in Regulation of Stem Cells Fate via Signaling Pathways. <i>Phytotherapy Research</i> , 2017, 31, 1651-1668.	2.8	40
78	Development of Emu oil-loaded PCL/collagen bioactive nanofibers for proliferation and stemness preservation of human adipose-derived stem cells: possible application in regenerative medicine. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1978-1988.	0.9	46
79	Antioxidant effects of chrysin-loaded electrospun nanofibrous mats on proliferation and stemness preservation of human adipose-derived stem cells. <i>Cell and Tissue Banking</i> , 2017, 18, 475-487.	0.5	49
80	Macrophage repolarization using CD44-targeting hyaluronic acid-poly(lactide) nanoparticles containing curcumin. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 46, 1-9.	1.9	45
81	Development of quantum-dot-encapsulated liposome-based optical nanobiosensor for detection of telomerase activity without target amplification. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 1301-1310.	1.9	51
82	Upregulation of miR-9 and Let-7a by nanoencapsulated chrysin in gastric cancer cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1201-1206.	1.9	54
83	Antiproliferative and Apoptotic Effect of Dendrosomal Curcumin Nanoformulation in P53 Mutant and Wide-Type Cancer Cell Lines. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 662-673.	0.9	43
84	The Effects of Nanoencapsulated Curcumin-Fe ₃ O ₄ on Proliferation and hTERT Gene Expression in Lung Cancer Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 1363-1373.	0.9	56
85	Synergistic Anticancer Effects of Silibinin and Chrysin in T47D Breast Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2017, 18, 1283-1287.	0.5	43
86	A Systems Biology Approach Provides Deeper Insights into Differentially Expressed Genes in Taxane-Anthracycline Chemoresistant and Non-Resistant Breast Cancers. <i>Asian Pacific Journal of Cancer Prevention</i> , 2017, 18, 2629-2636.	0.5	2
87	Intracellular ROS protection efficiency and free radical-scavenging activity of quercetin and quercetin-encapsulated liposomes. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 128-134.	1.9	92
88	The effect of dimethyl sulfoxide on hepatic differentiation of mesenchymal stem cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 157-164.	1.9	42
89	Effects of Chrysin-PLGA-PEG Nanoparticles on Proliferation and Gene Expression of miRNAs in Gastric Cancer Cell Line. <i>Iranian Journal of Cancer Prevention</i> , 2016, 9, e4190.	0.7	62
90	Dendrosomal curcumin nanoformulation modulate apoptosis-related genes and protein expression in hepatocarcinoma cell lines. <i>International Journal of Pharmaceutics</i> , 2016, 509, 244-254.	2.6	62

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91	Synthesis and Characterization of Chrysin-loaded PCL-PEG-PCL nanoparticle and its effect on breast cancer cell line. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 1915-1922.	2.5	67
92	An update on sputum MicroRNA's in lung cancer diagnosis. <i>Diagnostic Cytopathology</i> , 2016, 44, 442-449.	0.5	41
93	A Comparison between the cytotoxic effects of pure curcumin and curcumin-loaded PLGA-PEG nanoparticles on the MCF-7 human breast cancer cell line. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 423-430.	1.9	90
94	Down regulation of miR-18a, miR-21 and miR-221 genes in gastric cancer cell line by chrysin-loaded PLGA-PEG nanoparticles. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1972-1978.	1.9	57
95	MiR-221-inhibited adipose tissue-derived mesenchymal stem cells bioengineered in a nano-hydroxy apatite scaffold. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016, 52, 479-487.	0.7	27
96	PNIPAAm-MAA nanoparticles as delivery vehicles for curcumin against MCF-7 breast cancer cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 735-742.	1.9	35
97	An update on clinical applications of electrospun nanofibers for skin bioengineering. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1350-1364.	1.9	71
98	An Update on Phytochemicals in Molecular Target Therapy of Cancer: Potential Inhibitory Effect on Telomerase Activity. <i>Current Medicinal Chemistry</i> , 2016, 23, 2380-2393.	1.2	55
99	Upregulation of Mir-34a in AGS Gastric Cancer Cells by a PLGA-PEG-PLGA Chrysin Nano Formulation. <i>Asian Pacific Journal of Cancer Prevention</i> , 2016, 16, 8259-8263.	0.5	55
100	Chaperone-Assisted Soluble Expression of a Humanized Anti-EGFR ScFv Antibody in E. Coli. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 621-627.	0.6	12
101	Preparation and Evaluation of Chrysin Encapsulated in PLGA-PEG Nanoparticles in the T47-D Breast Cancer Cell Line. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 3753-3758.	0.5	32
102	Watercress-based gold nanoparticles: biosynthesis, mechanism of formation and study of their biocompatibility in vitro. <i>Micro and Nano Letters</i> , 2014, 9, 345-350.	0.6	31
103	PLGA-Based Nanoparticles as Cancer Drug Delivery Systems. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 517-535.	0.5	358
104	Comparison between Effects of Free Curcumin and Curcumin Loaded NIPAAm-MAA Nanoparticles on Telomerase and PinX1 Gene Expression in Lung Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 8931-8936.	0.5	53
105	Curcumin and Silibinin Inhibit Telomerase Expression in T47D Human Breast Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 3449-3453.	0.5	64
106	Inhibition of leptin gene expression and secretion by silibinin: possible role of estrogen receptors. <i>Cytotechnology</i> , 2012, 64, 719-726.	0.7	37