Hung-Yun Lin

List of Publications by Year
in descending order

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129	6,717	76326	71685
papers	citations	40 h-index	76 g-index

132	132	132	5137
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Integrin Î±VÎ²3 Contains a Cell Surface Receptor Site for Thyroid Hormone that Is Linked to Activation of Mitogen-Activated Protein Kinase and Induction of Angiogenesis. Endocrinology, 2005, 146, 2864-2871.	2.8	537
2	What Is New for an Old Molecule? Systematic Review and Recommendations on the Use of Resveratrol. PLoS ONE, 2011, 6, e19881.	2.5	375
3	<scp>l</scp>-Thyroxine vs. 3,5,3â€²-triiodo-<scp>l</scp>-thyronine and cell proliferation: activation of mitogen-activated protein kinase and phosphatidylinositol 3-kinase. American Journal of Physiology - Cell Physiology, 2009, 296, C980-C991.	4.6	221
4	Proangiogenic Action of Thyroid Hormone Is Fibroblast Growth Factorâ€“Dependent and Is Initiated at the Cell Surface. Circulation Research, 2004, 94, 1500-1506.	4.5	215
5	Thyroid hormone induces activation of mitogen-activated protein kinase in cultured cells. American Journal of Physiology - Cell Physiology, 1999, 276, C1014-C1024.	4.6	199
6	Thyroid Hormone Causes Mitogen-Activated Protein Kinase-Dependent Phosphorylation of the Nuclear Estrogen Receptor. Endocrinology, 2004, 145, 3265-3272.	2.8	191
7	Membrane Receptor for Thyroid Hormone: Physiologic and Pharmacologic Implications. Annual Review of Pharmacology and Toxicology, 2011, 51, 99-115.	9.4	187
8	Thyroxine Promotes Association of Mitogen-activated Protein Kinase and Nuclear Thyroid Hormone Receptor (TR) and Causes Serine Phosphorylation of TR. Journal of Biological Chemistry, 2000, 275, 38032-38039.	3.4	184
9	Acting via a Cell Surface Receptor, Thyroid Hormone Is a Growth Factor for Glioma Cells. Cancer Research, 2006, 66, 7270-7275.	0.9	163
10	Integrin Î±VÎ²3 contains a receptor site for resveratrol. FASEB Journal, 2006, 20, 1742-1744.	0.5	145
11	Resveratrol Induced Serine Phosphorylation Of p53 Causes Apoptosis In A Mutant p53 Prostate Cancer Cell Line. Journal of Urology, 2002, 168, 748-755.	0.4	139
12	Thyroid hormone is a MAPK-dependent growth factor for thyroid cancer cells and is anti-apoptotic. Steroids, 2007, 72, 180-187.	1.8	130
13	Thyroid Hormone Promotes Serine Phosphorylation of p53 by Mitogen-Activated Protein Kinaseâ€. Biochemistry, 2001, 40, 2870-2878.	2.5	116
14	Resveratrol-induced cyclooxygenase-2 facilitates p53-dependent apoptosis in human breast cancer cells. Molecular Cancer Therapeutics, 2006, 5, 2034-2042.	4.1	116
15	Thyroid hormone and angiogenesis. Vascular Pharmacology, 2010, 52, 142-145.	2.1	112
16	Resveratrol is pro-apoptotic and thyroid hormone is anti-apoptotic in glioma cells: both actions are integrin and ERK mediated. Carcinogenesis, 2007, 29, 62-69.	2.8	109
17	Modification of survival pathway gene expression in human breast cancer cells by tetraiodothyroacetic acid (tetrac). Cell Cycle, 2009, 8, 3562-3570.	2.6	109
18	Cancer Cell Gene Expression Modulated from Plasma Membrane Integrin ÃŽÂ±vÃŽÂ²3 by Thyroid Hormone and Nanoparticulate Tetrac. Frontiers in Endocrinology, 2014, 5, 240.	3.5	91

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19	Crosstalk between Integrin Î±vÎ²3 and Estrogen Receptor-Î± Is Involved in Thyroid Hormone-Induced Proliferation in Human Lung Carcinoma Cells. PLoS ONE, 2011, 6, e27547.	2.5	88
20	Resveratrol and apoptosis. Annals of the New York Academy of Sciences, 2011, 1215, 79-88.	3.8	87
21	Thyroid hormone promotes the phosphorylation of STAT3 and potentiates the action of epidermal growth factor in cultured cells. Biochemical Journal, 1999, 338, 427-432.	3.7	86
22	Thyroid Hormone, Cancer, and Apoptosis. , 2016, 6, 1221-1237.		82
23	Androgen-induced human breast cancer cell proliferation is mediated by discrete mechanisms in estrogen receptor-Î±-positive and -negative breast cancer cells. Journal of Steroid Biochemistry and Molecular Biology, 2009, 113, 182-188.	2.5	75
24	Tetraiodothyroacetic acid and its nanoformulation inhibit thyroid hormone stimulation of non-small cell lung cancer cells in vitro and its growth in xenografts. Lung Cancer, 2012, 76, 39-45.	2.0	75
25	Translational implications of nongenomic actions of thyroid hormone initiated at its integrin receptor. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E1238-E1246.	3.5	74
26	Nongenomic Actions of Thyroid Hormone: The Integrin Component. Physiological Reviews, 2021, 101, 319-352.	28.8	73
27	Resveratrol causes COXâ€2â€•and p53â€dependent apoptosis in head and neck squamous cell cancer cells. Journal of Cellular Biochemistry, 2008, 104, 2131-2142.	2.6	69
28	Nuclear monomeric integrin Î±v in cancer cells is a coactivator regulated by thyroid hormone. FASEB Journal, 2013, 27, 3209-3216.	0.5	69
29	Modulation of angiogenesis by thyroid hormone and hormone analogues: implications for cancer management. Angiogenesis, 2014, 17, 463-469.	7.2	67
30	Anti-proliferative and gene expression actions of resveratrol in breast cancer cells in vitro. Oncotarget, 2014, 5, 12891-12907.	1.8	66
31	Actions of l-thyroxine and Nano-diamino-tetrac (Nanotetrac) on PD-L1 in cancer cells. Steroids, 2016, 114, 59-67.	1.8	63
32	Thyroid Hormones Interaction With Immune Response, Inflammation and Non-thyroidal Illness Syndrome. Frontiers in Cell and Developmental Biology, 2020, 8, 614030.	3.7	62
33	Disparate Effects of Thyroid Hormone on Actions of Epidermal Growth Factor and Transforming Growth Factor-Î± Are Mediated by 3â€²,5â€²-Cyclic Adenosine 5â€²-Monophosphate-Dependent Protein Kinase II. Endocrinology, 2004, 145, 1708-1717.	2.8	60
34	Thyroid Hormone, Hormone Analogs, and Angiogenesis. , 2015, 6, 353-362.		54
35	Pharmacodynamic Modeling of Anti-Cancer Activity of Tetraiodothyroacetic Acid in a Perfused Cell Culture System. PLoS Computational Biology, 2011, 7, e1001073.	3.2	52
36	Thyroid hormone and anti-apoptosis in tumor cells. Oncotarget, 2015, 6, 14735-14743.	1.8	50

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37	Response of Human Pancreatic Cancer Cell Xenografts to Tetraiodothyroacetic Acid Nanoparticles. Hormones and Cancer, 2013, 4, 176-185.	4.9	49
38	Acetylation of nuclear hormone receptor superfamily members: Thyroid hormone causes acetylation of its own receptor by a mitogen-activated protein kinase-dependent mechanism. Steroids, 2005, 70, 444-449.	1.8	46
39	Overlapping nongenomic and genomic actions of thyroid hormone and steroids. Steroids, 2011, 76, 829-33.	1.8	46
40	Thyroid hormone inhibition in L6 myoblasts of IGF-I-mediated glucose uptake and proliferation: new roles for integrin Î±vÎ²3. American Journal of Physiology - Cell Physiology, 2014, 307, C150-C161.	4.6	46
41	Thyroxine inhibits resveratrol-caused apoptosis by PD-L1 in ovarian cancer cells. Endocrine-Related Cancer, 2018, 25, 533-545.	3.1	46
42	Inducible COX-2-dependent apoptosis in human ovarian cancer cells. Carcinogenesis, 2011, 32, 19-26.	2.8	44
43	Phthalate exposure alters gut microbiota composition and IgM vaccine response in human newborns. Food and Chemical Toxicology, 2019, 132, 110700.	3.6	43
44	Crosstalk between integrin Î±vÎ²3 and ERÎ± contributes to thyroid hormone-induced proliferation of ovarian cancer cells. Oncotarget, 2017, 8, 24237-24249.	1.8	43
45	Cytoplasm-To-Nucleus Shuttling Of Thyroid Hormone Receptor-Î²1 (TrÎ²1) Is Directed From A Plasma Membrane Integrin Receptor By Thyroid Hormone. Endocrine Research, 2009, 34, 31-42.	1.2	41
46	Small Molecule Hormone or Hormone-Like Ligands of Integrin Î±VÎ²3: Implications for Cancer Cell Behavior. Hormones and Cancer, 2013, 4, 335-342.	4.9	41
47	Nanotetrac targets integrin αvβ3 on tumor cells to disorder cell defense pathways and block angiogenesis. OncoTargets and Therapy, 2014, 7, 1619.	2.0	40
48	Therapeutic applications of resveratrol and its derivatives on periodontitis. Annals of the New York Academy of Sciences, 2017, 1403, 101-108.	3.8	40
49	Targeted delivery of paclitaxel and doxorubicin to cancer xenografts via the nanoparticle of nano-diamino-tetrac. International Journal of Nanomedicine, 2017, Volume 12, 1305-1315.	6.7	40
50	Identification and functions of the plasma membrane receptor for thyroid hormone analogues. Discovery Medicine, 2011, 11, 337-47.	0.5	40
51	Mechanisms of ceramideâ€induced COXâ€2â€dependent apoptosis in human ovarian cancer OVCARâ€3 cells partially overlapped with resveratrol. Journal of Cellular Biochemistry, 2013, 114, 1940-1954.	2.6	39
52	Contributions of Thyroid Hormone to Cancer Metastasis. Biomedicines, 2018, 6, 89.	3.2	39
53	Targeted delivery of cisplatin to tumor xenografts via the nanoparticle component of nano-diamino-tetrac. Nanomedicine, 2017, 12, 195-205.	3.3	38
54	Thyroid Hormone in the Clinic and Breast Cancer. Hormones and Cancer, 2018, 9, 139-143.	4.9	38

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55	Mechanisms of dihydrotestosterone action on resveratrol-induced anti-proliferation in breast cancer cells with different ERÎ± status. Oncotarget, 2015, 6, 35866-35879.	1.8	36
56	Adjunctive Input to the Nuclear Thyroid Hormone Receptor from the Cell Surface Receptor for the Hormone. Thyroid, 2013, 23, 1503-1509.	4.5	35
57	Molecular Basis of Nongenomic Actions of Thyroid Hormone. Vitamins and Hormones, 2018, 106, 67-96.	1.7	35
58	Nano-Strategies Targeting the Integrin Î±vÎ²3 Network for Cancer Therapy. Cells, 2021, 10, 1684.	4.1	35
59	Radiosensitization and production of DNA double-strand breaks in U87MG brain tumor cells induced by tetraiodothyroacetic acid (tetrac). Cell Cycle, 2011, 10, 352-357.	2.6	34
60	Resveratrol inhibits human leiomyoma cell proliferation via crosstalk between integrin Î±vÎ²3 and IGF-1R. Food and Chemical Toxicology, 2018, 120, 346-355.	3.6	34
61	Low thyroid hormone levels improve survival in murine model for ocular melanoma. Oncotarget, 2015, 6, 11038-11046.	1.8	34
62	Thyroid hormone promotes the phosphorylation of STAT3 and potentiates the action of epidermal growth factor in cultured cells. Biochemical Journal, 1999, 338, 427.	3.7	33
63	Tetrac downregulates Î²-catenin and HMGA2 to promote the effect of resveratrol in colon cancer. Endocrine-Related Cancer, 2018, 25, 279-293.	3.1	33
64	The Role of Thyroid Hormones in Hepatocyte Proliferation and Liver Cancer. Frontiers in Endocrinology, 2019, 10, 532.	3.5	33
65	Coronaviruses and Integrin Î±vÎ²3: Does Thyroid Hormone Modify the Relationship?. Endocrine Research, 2020, 45, 210-215.	1.2	32
66	The pro-apoptotic action of stilbene-induced COX-2 in cancer cells: Convergence with the anti-apoptotic effect of thyroid hormone. Cell Cycle, 2009, 8, 1877-1882.	2.6	31
67	Thyroid Hormone and P-Glycoprotein in Tumor Cells. BioMed Research International, 2015, 2015, 1-8.	1.9	31
68	2,3,5,4â€²-Tetrahydroxystilbene-2-O-Î²-glucoside Isolated from Polygoni Multiflori Ameliorates the Development of Periodontitis. Mediators of Inflammation, 2016, 2016, 1-12.	3.0	30
69	Bioactivity of Thyroid Hormone Analogs at Cancer Cells. Frontiers in Endocrinology, 2018, 9, 739.	3.5	30
70	The combination of tetraiodothyroacetic acid and cetuximab inhibits cell proliferation in colorectal cancers with different K-ras status. Steroids, 2016, 111, 63-70.	1.8	29
71	Resveratrol induces sumoylated COX-2-dependent anti-proliferation in human prostate cancer LNCaP cells. Food and Chemical Toxicology, 2018, 112, 67-75.	3.6	29
72	NDAT suppresses pro-inflammatory gene expression to enhance resveratrol-induced anti-proliferation in oral cancer cells. Food and Chemical Toxicology, 2020, 136, 111092.	3.6	29

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73	Actions of Thyroid Hormone Analogues on Chemokines. Journal of Immunology Research, 2016, 2016, 1-7.	2.2	28
74	Suppression of pancreatic cancer by sulfated non-anticoagulant low molecular weight heparin. Cancer Letters, 2014, 350, 25-33.	7.2	27
75	Thyroid hormone-induced expression of inflammatory cytokines interfere with resveratrol-induced anti-proliferation of oral cancer cells. Food and Chemical Toxicology, 2019, 132, 110693.	3.6	26
76	Resveratrol antagonizes thyroid hormone-induced expression of checkpoint and proliferative genes in oral cancer cells. Journal of Dental Sciences, 2019, 14, 255-262.	2.5	26
77	Lovastatin overcomes gefitinib resistance through TNF-Î± signaling in human cholangiocarcinomas with different LKB1 statuses in vitro and in vivo. Oncotarget, 2015, 6, 23857-23873.	1.8	25
78	Enhancement by Nano-Diamino-Tetrac of Antiproliferative Action of Gefitinib on Colorectal Cancer Cells: Mediation by EGFR Sialylation and PI3K Activation. Hormones and Cancer, 2018, 9, 420-432.	4.9	25
79	Inhibitory Effect of Anoectochilus formosanus Extract on Hyperglycemia-Related PD-L1 Expression and Cancer Proliferation. Frontiers in Pharmacology, 2018, 9, 807.	3.5	24
80	Molecular Mechanisms of Actions of Formulations of the Thyroid Hormone Analogue, Tetrac, on the Inflammatory Response. Endocrine Research, 2013, 38, 112-118.	1.2	23
81	Nongenomic regulation by thyroid hormone of plasma membrane ion and small molecule pumps. Discovery Medicine, 2012, 14, 199-206.	0.5	23
82	Thyroid Hormones Crosstalk with Growth Factors: Old Facts and New Hypotheses. Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry, 2015, 15, 71-85.	0.5	22
83	Thyroid Hormone Promotes Î²-Catenin Activation and Cell Proliferation in Colorectal Cancer. Hormones and Cancer, 2018, 9, 156-165.	4.9	22
84	Nano-Diamino-Tetrac (NDAT) Enhances Resveratrol-Induced Antiproliferation by Action on the RRM2 Pathway in Colorectal Cancers. Hormones and Cancer, 2018, 9, 349-360.	4.9	22
85	Tetrac and NDAT Induce Anti-proliferation via Integrin Î±vÎ²3 in Colorectal Cancers With Different K-RAS Status. Frontiers in Endocrinology, 2019, 10, 130.	3.5	22
86	Integrin Î²3 and LKB1 are independently involved in the inhibition of proliferation by lovastatin in human intrahepatic cholangiocarcinoma. Oncotarget, 2016, 7, 362-373.	1.8	22
87	NDAT Targets PI3K-Mediated PD-L1 Upregulation to Reduce Proliferation in Gefitinib-Resistant Colorectal Cancer. Cells, 2020, 9, 1830.	4.1	21
88	Radioresistance of cancer cells, integrin Î±vÎ²3 and thyroid hormone. Oncotarget, 2018, 9, 37069-37075.	1.8	21
89	Action of Reverse T3 on Cancer Cells. Endocrine Research, 2019, 44, 148-152.	1.2	20
90	Role of thyroid hormone-integrin Î±vÎ²3-signal and therapeutic strategies in colorectal cancers. Journal of Biomedical Science, 2021, 28, 24.	7.0	20

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91	Mechanisms of action of nonpeptide hormones on resveratrolâ€induced antiproliferation of cancer cells. Annals of the New York Academy of Sciences, 2017, 1403, 92-100.	3.8	19
92	Leptin OB3 peptide suppresses leptin-induced signaling and progression in ovarian cancer cells. Journal of Biomedical Science, 2017, 24, 51.	7.0	19
93	Nano-diamino-tetrac (NDAT) inhibits PD-L1 expression which is essential for proliferation in oral cancer cells. Food and Chemical Toxicology, 2018, 120, 1-11.	3.6	19
94	Platelet ATP, Thyroid Hormone Receptor on Integrin Î±vÎ²3 and Cancer Metastasis. Hormones and Cancer, 2020, 11, 13-16.	4.9	19
95	Integrin Î±vÎ²3 in the Mediating Effects of Dihydrotestosterone and Resveratrol on Breast Cancer Cell Proliferation. International Journal of Molecular Sciences, 2020, 21, 2906.	4.1	19
96	Differential induction of tumor necrosis factor ? and manganese superoxide dismutase by endotoxin in human monocytes: Role of protein tyrosine kinase, mitogen-activated protein kinase, and nuclear factor ?B. Journal of Cellular Physiology, 2000, 182, 381-389.	4.1	18
97	Recurrence of Differentiated Thyroid Carcinoma During Full TSH Suppression: Is the Tumor Now Thyroid Hormone Dependent?. Hormones and Cancer, 2015, 6, 7-12.	4.9	15
98	Dental Pulp Stem Cell Transplantation with 2,3,5,4â€²-Tetrahydroxystilbene-2-O-Î²-D-glucoside Accelerates Alveolar Bone Regeneration in Rats. Journal of Endodontics, 2019, 45, 435-441.	3.1	15
99	Toxicologic Concerns with Current Medical Nanoparticles. International Journal of Molecular Sciences, 2022, 23, 7597.	4.1	15
100	Biologically active leptin-related synthetic peptides activate STAT3 via phosphorylation of ERK1/2 and PI-3K. Peptides, 2014, 57, 95-100.	2.4	14
101	Heteronemin Induces Anti-Proliferation in Cholangiocarcinoma Cells via Inhibiting TGF-Î² Pathway. Marine Drugs, 2018, 16, 489.	4.6	13
102	Herbal Medicines Attenuate PD-L1 Expression to Induce Anti-Proliferation in Obesity-Related Cancers. Nutrients, 2019, 11, 2979.	4.1	13
103	In tumor cells, thyroid hormone analogues non-immunologically regulate PD-L1 and PD-1 accumulation that is anti-apoptotic. Oncotarget, 2018, 9, 34033-34037.	1.8	12
104	Demonstration of the Receptor Site for Thyroid Hormone on Integrin Î±vÎ²3. Methods in Molecular Biology, 2018, 1801, 61-65.	0.9	12
105	Combined Treatment of Heteronemin and Tetrac Induces Antiproliferation in Oral Cancer Cells. Marine Drugs, 2020, 18, 348.	4.6	12
106	Biological Mechanisms by Which Antiproliferative Actions of Resveratrol Are Minimized. Nutrients, 2017, 9, 1046.	4.1	11
107	Leptin-derived peptides block leptin-induced proliferation by reducing expression of pro-inflammatory genes in hepatocellular carcinoma cells. Food and Chemical Toxicology, 2019, 133, 110808.	3.6	10
108	Molybdenum doping effects for bismuth vanadate photocatalysts on electrochemical performances using the solution process. International Journal of Hydrogen Energy, 2020, 45, 667-674.	7.1	10

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109	Novel leptin OB3 peptide-induced signaling and progression in thyroid cancers: Comparison with leptin. Oncotarget, 2016, 7, 27641-27654.	1.8	10
110	Actions of L-thyroxine (T4) and Tetraiodothyroacetic Acid (Tetrac) on Gene Expression in Thyroid Cancer Cells. Genes, 2020, 11, 755.	2.4	9
111	Polygonum multiflorumDecreases Airway Allergic Symptoms in a Murine Model of Asthma. The American Journal of Chinese Medicine, 2016, 44, 133-147.	3.8	8
112	Tetraiodothyroacetic acid (tetrac), integrin Î±vÎ²3 and disabling of immune checkpoint defense. Future Medicinal Chemistry, 2018, 10, 1637-1639.	2.3	8
113	Effect of Estrogen on Heteronemin-Induced Anti-proliferative Effect in Breast Cancer Cells With Different Estrogen Receptor Status. Frontiers in Cell and Developmental Biology, 2021, 9, 688607.	3.7	8
114	Heteronemin and tetrac derivatives suppress non-small cell lung cancer growth via ERK1/2 inhibition. Food and Chemical Toxicology, 2022, , 112850.	3.6	8
115	How thyroid hormone works depends upon cell type, receptor type, and hormone analogue: implications in cancer growth. Discovery Medicine, 2019, 27, 111-117.	0.5	8
116	2,3,5,4â€²â€Tetrahydroxystilbeneâ€2â€Oâ€Î²â€<scp>d</scp>â€glucoside promotes the effects of dental pulp stem cells on rebuilding periodontal tissues in experimental periodontal defects. Journal of Periodontology, 2021, 92, 306-316.	3.4	6
117	Actions of Thyroid Hormones on Thyroid Cancers. Frontiers in Endocrinology, 2021, 12, 691736.	3.5	6
118	Role of Integrin Î±vÎ²3 in Doxycycline-Induced Anti-Proliferation in Breast Cancer Cells. Frontiers in Cell and Developmental Biology, 2022, 10, 829788.	3.7	6
119	Possible contributions of thyroid hormone replacement to specific behaviors of cancer. Biomedicine and Pharmacotherapy, 2016, 84, 655-659.	5.6	5
120	The power of heteronemin in cancers. Journal of Biomedical Science, 2022, 29, .	7.0	4
121	Inhibition by Thyroid Hormones of Cell Migration Activated by IGF-1 and MCP-1 in THP-1 Monocytes: Focus on Signal Transduction Events Proximal to Integrin Î±vÎ²3. Frontiers in Cell and Developmental Biology, 2021, 9, 651492.	3.7	3
122	Herbal Medicine in Uterine Fibroid. , 0, , .		2
123	Tetraiodothyroacetic Acid (Tetrac), Nanotetrac and Anti-angiogenesis. , 2013, , 107-117.		2
124	Thyroid Hormone Replacement Therapy in Patients with Various Types of Cancer. , 0, , .		0
125	Chemically-Modified Tetraiodothyroacetic Acid (Tetrac) Induces Cancer Cell Apoptosis and Facilitates Clearance of Apoptotic Debris (Efferocytosis). Journal of the Endocrine Society, 2021, 5, A1012-A1013.	0.2	0
126	Tetraiodothyroacetic acid (tetrac) receptor on integrin Î±vÎ²3: tetrac blocks activation of the integrin response to tumor cell irradiation (974.6). FASEB Journal, 2014, 28, 974.6.	0.5	0

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127	Roles of Resveratrol as Signaling Sensor and Gatekeeper. , 2018, , 115-144.		0
128	Possible Contributions of Nongenomic Actions of Thyroid Hormones to the Vasculopathic Complex of COVID-19 Infection. Endocrine Research, 2022, 47, 39-44.	1.2	0
129	In Vivo Clearance of Apoptotic Debris From Tumor Xenografts Exposed to Chemically Modified Tetrac: Is There a Role for Thyroid Hormone Analogues in Efferocytosis?. Frontiers in Endocrinology, 2022, 13, 745327.	3.5	0