

# Agapios Sachinidis

## List of Publications by Year in descending order

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144  
papers

5,749  
citations

81434

41  
h-index

107981

68  
g-index

151  
all docs

151  
docs citations

151  
times ranked

7523  
citing authors

#	ARTICLE	IF	CITATIONS
1	IL12 integrated into the CAR exodomain converts CD8+ T cells to poly-functional NK-like cells with superior killing of antigen-loss tumors. <i>Molecular Therapy</i> , 2022, 30, 593-605.	3.7	18
2	Classification of Developmental Toxicants in a Human iPSC Transcriptomics-Based Test. <i>Chemical Research in Toxicology</i> , 2022, , .	1.7	4
3	Live-Cell Imaging of the Contractile Velocity and Transient Intracellular Ca <sup>2+</sup> Fluctuations in Human Stem Cell-Derived Cardiomyocytes. <i>Cells</i> , 2022, 11, 1280.	1.8	7
4	Microgravity-induced stress mechanisms in human stem cell-derived cardiomyocytes. <i>IScience</i> , 2022, 25, 104577.	1.9	12
5	Enhanced hippocampal type II theta activity AND altered theta architecture in mice lacking the Cav3.2 T-type voltage-gated calcium channel. <i>Scientific Reports</i> , 2021, 11, 1099.	1.6	6
6	ERG1 plays an essential role in rat cardiomyocyte fate decision by mediating AKT signaling. <i>Stem Cells</i> , 2021, 39, 443-457.	1.4	6
7	Gene Expression-Based Prediction of Neoadjuvant Chemotherapy Response in Early Breast Cancer: Results of the Prospective Multicenter EXPRESSION Trial. <i>Clinical Cancer Research</i> , 2021, 27, 2148-2158.	3.2	12
8	Epigenetic Mechanisms Involved in the Cardiovascular Toxicity of Anticancer Drugs. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 658900.	1.1	7
9	High-throughput base editing: a promising technology for precision medicine and drug discovery. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 221.	7.1	3
10	Detection of Novel Potential Regulators of Stem Cell Differentiation and Cardiogenesis through Combined Genome-Wide Profiling of Protein-Coding Transcripts and microRNAs. <i>Cells</i> , 2021, 10, 2477.	1.8	1
11	Persistence of intramyocardially transplanted murine induced pluripotent stem cell-derived cardiomyocytes from different developmental stages. <i>Stem Cell Research and Therapy</i> , 2021, 12, 46.	2.4	7
12	Application of the Pluripotent Stem Cells and Genomics in Cardiovascular Research—What We Have Learnt and Not Learnt until Now. <i>Cells</i> , 2021, 10, 3112.	1.8	4
13	Development of a neural rosette formation assay (RoFA) to identify neurodevelopmental toxicants and to characterize their transcriptome disturbances. <i>Archives of Toxicology</i> , 2020, 94, 151-171.	1.9	32
14	Functional implications of Cav2.3 R-type voltage-gated calcium channels in the murine auditory system—novel vistas from brainstem-evoked response audiometry. <i>European Journal of Neuroscience</i> , 2020, 51, 1583-1604.	1.2	3
15	Inflammation-associated suppression of metabolic gene networks in acute and chronic liver disease. <i>Archives of Toxicology</i> , 2020, 94, 205-217.	1.9	32
16	Radiation Response of Murine Embryonic Stem Cells. <i>Cells</i> , 2020, 9, 1650.	1.8	8
17	Kinetic modeling of stem cell transcriptome dynamics to identify regulatory modules of normal and disturbed neuroectodermal differentiation. <i>Nucleic Acids Research</i> , 2020, 48, 12577-12592.	6.5	13
18	Cyclooxygenases Inhibitors Efficiently Induce Cardiomyogenesis in Human Pluripotent Stem Cells. <i>Cells</i> , 2020, 9, 554.	1.8	8

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19	Cardiotoxicity and Heart Failure: Lessons from Human-Induced Pluripotent Stem Cell-Derived Cardiomyocytes and Anticancer Drugs. <i>Cells</i> , 2020, 9, 1001.	1.8	24
20	Exogenous WNT5A and WNT11 proteins rescue CITED2 dysfunction in mouse embryonic stem cells and zebrafish morphants. <i>Cell Death and Disease</i> , 2019, 10, 582.	2.7	9
21	Prediction of human drug-induced liver injury (DILI) in relation to oral doses and blood concentrations. <i>Archives of Toxicology</i> , 2019, 93, 1609-1637.	1.9	86
22	GSK-3 $\beta$ inhibition protects the rat heart from the lipopolysaccharide-induced inflammation injury via suppressing FOXO3A activity. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 7796-7809.	1.6	24
23	Generation of human induced pluripotent stem cell-derived cardiomyocytes in 2D monolayer and scalable 3D suspension bioreactor cultures with reduced batch-to-batch variations. <i>Theranostics</i> , 2019, 9, 7222-7238.	4.6	52
24	IGF2 mRNA Binding Protein 2 Transgenic Mice Are More Prone to Develop a Ductular Reaction and to Progress Toward Cirrhosis. <i>Frontiers in Medicine</i> , 2019, 6, 179.	1.2	12
25	Road Map for Development of Stem Cell-Based Alternative Test Methods. <i>Trends in Molecular Medicine</i> , 2019, 25, 470-481.	3.5	42
26	Parabolic, Flight-Induced, Acute Hypergravity and Microgravity Effects on the Beating Rate of Human Cardiomyocytes. <i>Cells</i> , 2019, 8, 352.	1.8	11
27	Data Acquisition and Analysis In Brainstem Evoked Response Audiometry In Mice. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	3
28	Current Challenges of iPSC-Based Disease Modeling and Therapeutic Implications. <i>Cells</i> , 2019, 8, 403.	1.8	282
29	Cav3.2 T-Type Calcium Channels Are Physiologically Mandatory for the Auditory System. <i>Neuroscience</i> , 2019, 409, 81-100.	1.1	12
30	Transcriptional changes associated with advancing stages of heart failure underlie atrial and ventricular arrhythmogenesis. <i>PLoS ONE</i> , 2019, 14, e0216928.	1.1	2
31	Loss of genomic integrity induced by lysosphingolipid imbalance drives ageing in the heart. <i>EMBO Reports</i> , 2019, 20, .	2.0	26
32	Laminin promotes differentiation of rat embryonic stem cells into cardiomyocytes by activating the integrin/FAK/PI3K p85 pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 3629-3640.	1.6	13
33	Gender specific click and tone burst evoked ABR datasets from mice lacking the Cav3.2 T-type voltage-gated calcium channel. <i>BMC Research Notes</i> , 2019, 12, 157.	0.6	2
34	Cardiomyocytes facing fibrotic conditions re-express extracellular matrix transcripts. <i>Acta Biomaterialia</i> , 2019, 89, 180-192.	4.1	45
35	yyIncT Defines a Class of Divergently Transcribed lncRNAs and Safeguards the T-mediated Mesodermal Commitment of Human PSCs. <i>Cell Stem Cell</i> , 2019, 24, 318-327.e8.	5.2	44
36	Modulation of Differentiation Processes in Murine Embryonic Stem Cells Exposed to Parabolic Flight-Induced Acute Hypergravity and Microgravity. <i>Stem Cells and Development</i> , 2018, 27, 838-847.	1.1	14

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37	Cell death mechanisms of the anti-cancer drug etoposide on human cardiomyocytes isolated from pluripotent stem cells. Archives of Toxicology, 2018, 92, 1507-1524.	1.9	51
38	Functional cardiotoxicity assessment of cosmetic compounds using human-induced pluripotent stem cell-derived cardiomyocytes. Archives of Toxicology, 2018, 92, 371-381.	1.9	32
39	Gender specific click and tone burst evoked ABR datasets from mice lacking the Cav2.3 R-type voltage-gated calcium channel. Data in Brief, 2018, 21, 1263-1266.	0.5	2
40	Persistence of Epigenomic Effects After Recovery From Repeated Treatment With Two Nephrocarcinogens. Frontiers in Genetics, 2018, 9, 558.	1.1	4
41	Toxicogenomics directory of rat hepatotoxicants in vivo and in cultivated hepatocytes. Archives of Toxicology, 2018, 92, 3517-3533.	1.9	46
42	Omics-based responses induced by bosentan in human hepatoma HepaRG cell cultures. Archives of Toxicology, 2018, 92, 1939-1952.	1.9	34
43	Parallel Genome-wide Profiling of Coding and Non-coding RNAs to Identify Novel Regulatory Elements in Embryonic and Maturated Heart. Molecular Therapy - Nucleic Acids, 2018, 12, 158-173.	2.3	12
44	Distinct transcriptomic changes in E14.5 mouse skeletal muscle lacking RYR1 or Cav1.1 converge at E18.5. PLoS ONE, 2018, 13, e0194428.	1.1	18
45	Definition of transcriptome-based indices for quantitative characterization of chemically disturbed stem cell development: introduction of the STOP-Toxukn and STOP-Toxukk tests. Archives of Toxicology, 2017, 91, 839-864.	1.9	53
46	Fingerprinting of neurotoxic compounds using a mouse embryonic stem cell dual luminescence reporter assay. Archives of Toxicology, 2017, 91, 365-391.	1.9	16
47	Metabolite signatures of doxorubicin induced toxicity in human induced pluripotent stem cell-derived cardiomyocytes. Amino Acids, 2017, 49, 1955-1963.	1.2	27
48	STRIP2 Is Indispensable for the Onset of Embryonic Stem Cell Differentiation. Molecular Therapy - Methods and Clinical Development, 2017, 5, 116-129.	1.8	16
49	Impairment of human neural crest cell migration by prolonged exposure to interferon-beta. Archives of Toxicology, 2017, 91, 3385-3402.	1.9	12
50	Stem Cell Transcriptome Responses and Corresponding Biomarkers That Indicate the Transition from Adaptive Responses to Cytotoxicity. Chemical Research in Toxicology, 2017, 30, 905-922.	1.7	37
51	Depletion of Mageb16 induces differentiation of pluripotent stem cells predominantly into mesodermal derivatives. Scientific Reports, 2017, 7, 14285.	1.6	7
52	Stem Cell-Derived Immature Human Dorsal Root Ganglia Neurons to Identify Peripheral Neurotoxicants. Stem Cells Translational Medicine, 2016, 5, 476-487.	1.6	69
53	Simulated Microgravity Modulates Differentiation Processes of Embryonic Stem Cells. Cellular Physiology and Biochemistry, 2016, 38, 1483-1499.	1.1	41
54	Comparison of a teratogenic transcriptome-based predictive test based on human embryonic versus inducible pluripotent stem cells. Stem Cell Research and Therapy, 2016, 7, 190.	2.4	34

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55	Functional and phenotypic differences of pure populations of stem cell-derived astrocytes and neuronal precursor cells. <i>Glia</i> , 2016, 64, 695-715.	2.5	30
56	Gene network activity in cultivated primary hepatocytes is highly similar to diseased mammalian liver tissue. <i>Archives of Toxicology</i> , 2016, 90, 2513-2529.	1.9	100
57	Identification of transcriptome signatures and biomarkers specific for potential developmental toxicants inhibiting human neural crest cell migration. <i>Archives of Toxicology</i> , 2016, 90, 159-180.	1.9	43
58	Pipette-based Method to Study Embryoid Body Formation Derived from Mouse and Human Pluripotent Stem Cells Partially Recapitulating Early Embryonic Development Under Simulated Microgravity Conditions. <i>Microgravity Science and Technology</i> , 2016, 28, 287-295.	0.7	4
59	Model-guided identification of a therapeutic strategy to reduce hyperammonemia in liver diseases. <i>Journal of Hepatology</i> , 2016, 64, 860-871.	1.8	110
60	MicroRNAs as early toxicity signatures of doxorubicin in human-induced pluripotent stem cell-derived cardiomyocytes. <i>Archives of Toxicology</i> , 2016, 90, 3087-3098.	1.9	77
61	Identification of genomic biomarkers for anthracycline-induced cardiotoxicity in human iPSC-derived cardiomyocytes: an in vitro repeated exposure toxicity approach for safety assessment. <i>Archives of Toxicology</i> , 2016, 90, 2763-2777.	1.9	87
62	In vitro assessment of drug-induced liver steatosis based on human dermal stem cell-derived hepatic cells. <i>Archives of Toxicology</i> , 2016, 90, 677-689.	1.9	24
63	Highlight report: Cardiotoxicity screening. <i>EXCLI Journal</i> , 2016, 15, 163-5.	0.5	2
64	The Potential Application of Biomaterials in Cardiac Stem Cell Therapy. <i>Current Medicinal Chemistry</i> , 2016, 23, 589-602.	1.2	4
65	Human Embryonic and Induced Pluripotent Stem Cell Based Toxicity Testing Models: Future Applications in New Drug Discovery. <i>Current Medicinal Chemistry</i> , 2016, 23, 3495-3509.	1.2	47
66	Human Pluripotent Stem Cell Based Developmental Toxicity Assays for Chemical Safety Screening and Systems Biology Data Generation. <i>Journal of Visualized Experiments</i> , 2015, , e52333.	0.2	39
67	Regulation of Liver Metabolism by the Endosomal GTPase Rab5. <i>Cell Reports</i> , 2015, 11, 884-892.	2.9	47
68	Signaling molecules, transcription growth factors and other regulators revealed from in-vivo and in-vitro models for the regulation of cardiac development. <i>International Journal of Cardiology</i> , 2015, 183, 117-128.	0.8	43
69	Stem cells and differentiation – a synoptic review of patents granted since 2009. <i>Expert Opinion on Therapeutic Patents</i> , 2015, 25, 663-673.	2.4	3
70	A transcriptome-based classifier to identify developmental toxicants by stem cell testing: design, validation and optimization for histone deacetylase inhibitors. <i>Archives of Toxicology</i> , 2015, 89, 1599-1618.	1.9	82
71	Gene networks and transcription factor motifs defining the differentiation of stem cells into hepatocyte-like cells. <i>Journal of Hepatology</i> , 2015, 63, 934-942.	1.8	165
72	Identification of potential biomarkers of hepatitis B-induced acute liver failure using hepatic cells derived from human skin precursors. <i>Toxicology in Vitro</i> , 2015, 29, 1231-1239.	1.1	4

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73	Transcriptomics of Hepatocytes Treated with Toxicants for Investigating Molecular Mechanisms Underlying Hepatotoxicity. <i>Methods in Molecular Biology</i> , 2015, 1250, 225-240.	0.4	19
74	Toxicogenomics directory of chemically exposed human hepatocytes. <i>Archives of Toxicology</i> , 2014, 88, 2261-2287.	1.9	143
75	Development of a pluripotent stem cell derived neuronal model to identify chemically induced pathway perturbations in relation to neurotoxicity: Effects of CREB pathway inhibition. <i>Toxicology and Applied Pharmacology</i> , 2014, 280, 378-388.	1.3	31
76	Design Principles of Concentration-Dependent Transcriptome Deviations in Drug-Exposed Differentiating Stem Cells. <i>Chemical Research in Toxicology</i> , 2014, 27, 408-420.	1.7	103
77	A comparative transcriptomic study on the effects of valproic acid on two different hESCs lines in a neural teratogenicity test system. <i>Toxicology Letters</i> , 2014, 231, 38-44.	0.4	14
78	From transient transcriptome responses to disturbed neurodevelopment: role of histone acetylation and methylation as epigenetic switch between reversible and irreversible drug effects. <i>Archives of Toxicology</i> , 2014, 88, 1451-1468.	1.9	67
79	Unique Metabolic Features of Stem Cells, Cardiomyocytes, and Their Progenitors. <i>Circulation Research</i> , 2014, 114, 1346-1360.	2.0	75
80	Klf4 and Klf5 differentially inhibit mesoderm and endoderm differentiation in embryonic stem cells. <i>Nature Communications</i> , 2014, 5, 3719.	5.8	94
81	Proliferation and cilia dynamics in neural stem cells prospectively isolated from the SEZ. <i>Scientific Reports</i> , 2014, 4, 3803.	1.6	36
82	Neuronal-Specific Deficiency of the Splicing Factor Tra2b Causes Apoptosis in Neurogenic Areas of the Developing Mouse Brain. <i>PLoS ONE</i> , 2014, 9, e89020.	1.1	28
83	Lineage-Specific Regulation of Epigenetic Modifier Genes in Human Liver and Brain. <i>PLoS ONE</i> , 2014, 9, e102035.	1.1	32
84	Test systems of developmental toxicity: state-of-the art and future perspectives. <i>Archives of Toxicology</i> , 2013, 87, 2037-2042.	1.9	29
85	Human embryonic stem cell-derived test systems for developmental neurotoxicity: a transcriptomics approach. <i>Archives of Toxicology</i> , 2013, 87, 123-143.	1.9	222
86	Evaluation of Developmental Toxicants and Signaling Pathways in a Functional Test Based on the Migration of Human Neural Crest Cells. <i>Environmental Health Perspectives</i> , 2012, 120, 1116-1122.	2.8	93
87	Epigenetic changes and disturbed neural development in a human embryonic stem cell-based model relating to the fetal valproate syndrome. <i>Human Molecular Genetics</i> , 2012, 21, 4104-4114.	1.4	88
88	First steps towards the successful surface- $\mu$ -based cultivation of human embryonic stem cells in hanging drop systems. <i>Engineering in Life Sciences</i> , 2012, 12, 584-587.	2.0	6
89	Gene Expression Signatures Defining Fundamental Biological Processes in Pluripotent, Early, and Late Differentiated Embryonic Stem Cells. <i>Stem Cells and Development</i> , 2012, 21, 2471-2484.	1.1	21
90	Extensive Transcriptional Regulation of Chromatin Modifiers during Human Neurodevelopment. <i>PLoS ONE</i> , 2012, 7, e36708.	1.1	23

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91	Effect of chemopreventive agents on differentiation of mouse embryonic stem cells. <i>Frontiers in Bioscience - Elite</i> , 2012, E4, 156.	0.9	3
92	Identification of Specific Pluripotent Stem Cell Death-Inducing Small Molecules by Chemical Screening. <i>Stem Cell Reviews and Reports</i> , 2012, 8, 116-127.	5.6	18
93	Specific Gene Signatures and Pathways in Mesodermal Cells and Their Derivatives Derived from Embryonic Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2012, 8, 43-54.	5.6	19
94	Functional Characterization and Gene Expression Profiling of $\beta$ -Smooth Muscle Actin Expressing Cardiomyocytes Derived from Murine Induced Pluripotent Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2012, 8, 229-242.	5.6	8
95	Maximum Diastolic Potential of Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes Depends Critically on IKr. <i>PLoS ONE</i> , 2012, 7, e40288.	1.1	144
96	Identification of Thalidomide-Specific Transcriptomics and Proteomics Signatures during Differentiation of Human Embryonic Stem Cells. <i>PLoS ONE</i> , 2012, 7, e44228.	1.1	83
97	Effect of chemopreventive agents on differentiation of mouse embryonic stem cells. <i>Frontiers in Bioscience - Elite</i> , 2012, E4, 156-168.	0.9	5
98	Human Induced Pluripotent Stem Cells: Role in Patient-Specific Drug Discovery. , 2012, , 257-263.		0
99	Development of a Neural Teratogenicity Test Based on Human Embryonic Stem Cells: Response to Retinoic Acid Exposure. <i>Toxicological Sciences</i> , 2011, 124, 370-377.	1.4	58
100	Effects of Cryopreservation on the Transcriptome of Human Embryonic Stem Cells After Thawing and Culturing. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 506-517.	5.6	45
101	Chemically Induced Cardiomyogenesis of Mouse Embryonic Stem Cells. <i>ChemBioChem</i> , 2010, 11, 208-217.	1.3	17
102	Global transcriptomic analysis of murine embryonic stem cell-derived brachyury <sup>+</sup> (T) cells. <i>Genes To Cells</i> , 2010, 15, 209-228.	0.5	5
103	Optimization of the culturing conditions of human umbilical cord blood-derived endothelial colony-forming cells under xeno-free conditions applying a transcriptomic approach. <i>Genes To Cells</i> , 2010, 15, 671-687.	0.5	17
104	Isolation and Functional Characterization of $\beta$ -Smooth Muscle Actin Expressing Cardiomyocytes from Embryonic Stem Cells. <i>Cellular Physiology and Biochemistry</i> , 2010, 25, 595-604.	1.1	25
105	Chemoprotective Mechanism of the Natural Compounds, Epigallocatechin-3-O-Gallate, Quercetin and Curcumin Against Cancer and Cardiovascular Diseases. <i>Current Medicinal Chemistry</i> , 2009, 16, 1451-1462.	1.2	156
106	Somitovasculin, a Novel Endothelial-Specific Transcript Involved in the Vasculature Development. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 1823-1829.	1.1	6
107	Functional Characterization and Transcriptome Analysis of Embryonic Stem Cell-Derived Contractile Smooth Muscle Cells. <i>Hypertension</i> , 2009, 53, 196-204.	1.3	28
108	Three LIF-dependent signatures and gene clusters with atypical expression profiles, identified by transcriptome studies in mouse ES cells and early derivatives. <i>BMC Genomics</i> , 2009, 10, 73.	1.2	29

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109	Transcriptional profiling of CD31 <sup>+</sup> cells isolated from murine embryonic stem cells. <i>Genes To Cells</i> , 2009, 14, 243-260.	0.5	15
110	The FunGenES Database: A Genomics Resource for Mouse Embryonic Stem Cell Differentiation. <i>PLoS ONE</i> , 2009, 4, e6804.	1.1	54
111	Entrapment of Embryonic Stem Cells-Derived Cardiomyocytes in Macroporous Biodegradable Microspheres: Preparation and Characterization. <i>Cellular Physiology and Biochemistry</i> , 2008, 22, 665-672.	1.1	23
112	A Chemical Genetics Approach for Specific Differentiation of Stem Cells to Somatic Cells: A New Promising Therapeutical Approach. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2008, 11, 70-82.	0.6	16
113	Embryonic Stem Cells and Their Therapeutic Potential. , 2008, , 29-57.		0
114	Epigallocatechin-3-gallate inhibits the angiotensin II-induced adhesion molecule expression in human umbilical vein endothelial cell via inhibition of MAPK pathways. <i>FASEB Journal</i> , 2008, 22, 912.43.	0.2	0
115	Transcriptomic and phenotypic analysis of murine embryonic stem cell derived BMP2+ lineage cells: an insight into mesodermal patterning. <i>Genome Biology</i> , 2007, 8, R184.	13.9	22
116	Global transcriptome analysis of murine embryonic stem cell-derived cardiomyocytes. <i>Genome Biology</i> , 2007, 8, R56.	13.9	54
117	Identification of Differentially Expressed Genes Involved in the Formation of Multicellular Tumor Spheroids by HT-29 Colon Carcinoma Cells. <i>Molecular Therapy</i> , 2007, 15, 94-102.	3.7	50
118	Cardiovascular genomics. <i>Stem Cell Reviews and Reports</i> , 2006, 2, 59-66.	5.6	1
119	Identification of Small Signalling Molecules Promoting Cardiac-Specific Differentiation of Mouse Embryonic Stem Cells. <i>Cellular Physiology and Biochemistry</i> , 2006, 18, 303-314.	1.1	53
120	Trapping of growth factors by catechins: a possible therapeutical target for prevention of proliferative diseases. <i>Journal of Nutritional Biochemistry</i> , 2005, 16, 259-266.	1.9	53
121	An optimized embryonic stem cell model for consistent gene expression and developmental studies. A fundamental study. <i>Thrombosis and Haemostasis</i> , 2005, 94, 719-27.	1.8	28
122	Embryonic stem cells for basic research and potential clinical applications in cardiology. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2005, 1740, 240-248.	1.8	20
123	Culture of Embryoid Bodies. , 2005, , 577-591.		0
124	Mechanisms of the inhibitory effects of epigallocatechin-3 gallate on platelet-derived growth factor-induced cell signaling and mitogenesis. <i>FASEB Journal</i> , 2004, 18, 128-130.	0.2	72
125	Regulation of Mitogen-Activated Protein Kinase Cascades by Low Density Lipoprotein and Lysophosphatidic Acid. <i>Cellular Physiology and Biochemistry</i> , 2004, 14, 167-176.	1.1	11
126	Transcriptional responses to epigallocatechin-3 gallate in HT 29 colon carcinoma spheroids. <i>Genes To Cells</i> , 2004, 9, 661-669.	0.5	35



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127	Embryonic stem cells: a promising tool for cell replacement therapy. <i>Journal of Cellular and Molecular Medicine</i> , 2004, 8, 465-473.	1.6	107
128	Inhibition of the vascular-endothelial growth factor-induced intracellular signaling and mitogenesis of human endothelial cells by epigallocatechin-3 gallate. <i>European Journal of Pharmacology</i> , 2004, 483, 223-227.	1.7	46
129	Inhibitory Effect of Epigallocatechin 3-O-Gallate on Vascular Smooth Muscle Cell Hypertrophy Induced by Angiotensin II. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 43, 200-208.	0.8	40
130	Cardiac specific differentiation of mouse embryonic stem cells. <i>Cardiovascular Research</i> , 2003, 58, 278-291.	1.8	201
131	Identification of Platelet-derived Growth Factor-BB as Cardiogenesis-Inducing Factor in Mouse Embryonic stem cells under Serum-free Conditions. <i>Cellular Physiology and Biochemistry</i> , 2003, 13, 423-429.	1.1	82
132	Inhibition of the platelet-derived growth factor $\beta_2$ -receptor tyrosine phosphorylation and its downstream intracellular signal transduction pathway in rat and human vascular smooth muscle cells by different catechins. <i>FASEB Journal</i> , 2002, 16, 893-895.	0.2	63
133	Does the coronary risk factor low density lipoprotein alter growth and signaling in vascular smooth muscle cells?. <i>FASEB Journal</i> , 2002, 16, 1477-1487.	0.2	23
134	Generation of Cardiomyocytes from Embryonic Stem Cells. <i>Herz</i> , 2002, 27, 589-597.	0.4	20
135	Are catechins natural tyrosine kinase inhibitors?. <i>Drug News and Perspectives</i> , 2002, 15, 432.	1.9	9
136	Gangliosides GM1 and GM2 Induce Vascular Smooth Muscle Cell Proliferation via Extracellular Signal-Regulated Kinase 1/2 Pathway. <i>Hypertension</i> , 2001, 38, 1030-1037.	1.3	30
137	Green tea compounds inhibit tyrosine phosphorylation of PDGF $\beta_2$ -receptor and transformation of A172 human glioblastoma. <i>FEBS Letters</i> , 2000, 471, 51-55.	1.3	81
138	Epigallocatechin-3 Gallate Selectively Inhibits the PDGF-BB-induced Intracellular Signaling Transduction Pathway in Vascular Smooth Muscle Cells and Inhibits Transformation of <i>sis</i> -transfected NIH 3T3 Fibroblasts and Human Glioblastoma Cells (A172). <i>Molecular Biology of the Cell</i> , 1999, 10, 1093-1104.	0.9	170
139	Evidence That Lipoproteins Are Carriers of Bioactive Factors. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 2412-2421.	1.1	79
140	Early intracellular signalling pathway of ethanol in vascular smooth muscle cells. <i>British Journal of Pharmacology</i> , 1999, 128, 1761-1771.	2.7	22
141	Low density lipoprotein enhances the thrombin-induced growth of vascular smooth muscle cells. <i>Cardiovascular Research</i> , 1997, 36, 92-100.	1.8	9
142	Cholesterol Enhances Platelet-Derived Growth Factor-BB-Induced $[Ca^{2+}]_i$ and DNA Synthesis in Rat Aortic Smooth Muscle Cells. <i>Hypertension</i> , 1997, 29, 326-333.	1.3	13
143	The Growth-Promoting Effect of Low-Density Lipoprotein May Be Mediated by a Pertussis Toxin-Sensitive Mitogen-Activated Protein Kinase Pathway. <i>Molecular Pharmacology</i> , 1997, 52, 389-397.	1.0	33
144	Thromboxane A <sub>2</sub> and Vascular Smooth Muscle Cell Proliferation. <i>Hypertension</i> , 1995, 26, 771-780.	1.3	109