

Nguan Soon Tan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

188
papers

10,118
citations

53
h-index

95
g-index

203
ext. papers

11,473
ext. citations

8.3
avg, IF

6.03
L-index

#	Paper	IF	Citations
188	Noninvasive and Point-of-Care Surface-Enhanced Raman Scattering (SERS)-Based Breathalyzer for Mass Screening of Coronavirus Disease 2019 (COVID-19) under 5 min.. <i>ACS Nano</i> , 2022 ,	16.7	11
187	Single-cell analysis of skin immune cells reveals an Angptl4-ifi20b axis that regulates monocyte differentiation during wound healing.. <i>Cell Death and Disease</i> , 2022 , 13, 180	9.8	0
186	Destabilization of Cell FIT2 by saturated Fatty acids alter lipid droplet numbers and contribute to ER stress and diabetes.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2113074119	11.5	1
185	Endothelial-immune crosstalk contributes to vasculopathy in nonalcoholic fatty liver disease.. <i>EMBO Reports</i> , 2022 , e54271	6.5	0
184	Modulated TRPC1 Expression Predicts Sensitivity of Breast Cancer to Doxorubicin and Magnetic Field Therapy: Segue Towards a Precision Medicine Approach.. <i>Frontiers in Oncology</i> , 2021 , 11, 783803	5.3	0
183	Catalytic Asymmetric Hydrophosphination as a Valuable Tool to Access Dihydrophosphinated Curcumin and Its Derivatives. <i>Organometallics</i> , 2021 , 40, 3454-3461	3.8	2
182	Chelating Phosphine-N-Heterocyclic Carbene Platinum Complexes via Catalytic Asymmetric Hydrophosphination and Their Cytotoxicity Toward MKN74 and MCF7 Cancer Cell Lines. <i>Inorganic Chemistry</i> , 2021 , 60, 17276-17287	5.1	2
181	GREB1: An evolutionarily conserved protein with a glycosyltransferase domain links ER glycosylation and stability to cancer. <i>Science Advances</i> , 2021 , 7,	14.3	4
180	PPARs and Tumor Microenvironment: The Emerging Roles of the Metabolic Master Regulators in Tumor Stromal-Epithelial Crosstalk and Carcinogenesis. <i>Cancers</i> , 2021 , 13,	6.6	5
179	A PDZ Protein GIPC3 Positively Modulates Hedgehog Signaling and Melanoma Growth. <i>Journal of Investigative Dermatology</i> , 2021 ,	4.3	2
178	High Glucose Restraint of Acetylcholine-Induced Keratinocyte Epithelial-Mesenchymal Transition Is Mitigated by p38 Inhibition. <i>Journal of Investigative Dermatology</i> , 2021 , 141, 1438-1449.e9	4.3	2
177	Kinomic profile in patient-derived glioma cells during hypoxia reveals c-MET-PI3K dependency for adaptation. <i>Theranostics</i> , 2021 , 11, 5127-5142	12.1	2
176	Considerations in using human pluripotent stem cell-derived pancreatic beta cells to treat type 1 diabetes 2021 , 173-203		
175	Gestational age-specific normative values and determinants of serum progesterone through the first trimester of pregnancy. <i>Scientific Reports</i> , 2021 , 11, 4161	4.9	1
174	Mobilization efficiency is critically regulated by fat via marrow PPAR <i>Haematologica</i> , 2021 , 106, 1671-1683	5.3	5
173	Bioinspired short peptide hydrogel for versatile encapsulation and controlled release of growth factor therapeutics. <i>Acta Biomaterialia</i> , 2021 , 136, 111-123	10.8	2
172	A 3D physio-mimetic interpenetrating network-based platform to decode the pro and anti-tumorigenic properties of cancer-associated fibroblasts. <i>Acta Biomaterialia</i> , 2021 , 132, 448-460	10.8	8

171	Deficiency in fibroblast PPAR γ reduces nonmelanoma skin cancers in mice. <i>Cell Death and Differentiation</i> , 2020 , 27, 2668-2680	12.7	4
170	Novel approach using serum progesterone as a triage to guide management of patients with threatened miscarriage: a prospective cohort study. <i>Scientific Reports</i> , 2020 , 10, 9153	4.9	3
169	PPAR γ Agonism Upregulates Forkhead Box A2 to Reduce Inflammation in C2C12 Myoblasts and in Skeletal Muscle. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
168	Investigating the Role of PPAR γ in Retinal Vascular Remodeling Using γ -Deficient Mice. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
167	Characterisation of serum progesterone and progesterone-induced blocking factor (PIBF) levels across trimesters in healthy pregnant women. <i>Scientific Reports</i> , 2020 , 10, 3840	4.9	9
166	The Polyamine Putrescine Promotes Human Epidermal Melanogenesis. <i>Journal of Investigative Dermatology</i> , 2020 , 140, 2032-2040.e1	4.3	2
165	Multiplex Surface-Enhanced Raman Scattering Identification and Quantification of Urine Metabolites in Patient Samples within 30 min. <i>ACS Nano</i> , 2020 , 14, 2542-2552	16.7	44
164	ANGPTL4 exacerbates pancreatitis by augmenting acinar cell injury through upregulation of C5a. <i>EMBO Molecular Medicine</i> , 2020 , 12, e11222	12	5
163	Photocurable platelet rich plasma bioadhesives. <i>Acta Biomaterialia</i> , 2020 , 117, 133-141	10.8	5
162	Potent-By-Design: Amino Acids Mimicking Porous Nanotherapeutics with Intrinsic Anticancer Targeting Properties. <i>Small</i> , 2020 , 16, e2003757	11	10
161	Impact of Mixture Effects between Emerging Organic Contaminants on Cytotoxicity: A Systems Biological Understanding of Synergism between Tris(1,3-dichloro-2-propyl)phosphate and Triphenyl Phosphate. <i>Environmental Science & Technology</i> , 2020 , 54, 10722-10734	10.3	7
160	Interpenetrating Network of Alginate-Human Adipose Extracellular Matrix Hydrogel for Islet Cells Encapsulation. <i>Macromolecular Rapid Communications</i> , 2020 , 41, e2000275	4.8	8
159	Epithelial-mesenchymal transition of cancer cells using bioengineered hybrid scaffold composed of hydrogel/3D-fibrous framework. <i>Scientific Reports</i> , 2019 , 9, 8997	4.9	18
158	Antibody Treatment against Angiopoietin-Like 4 Reduces Pulmonary Edema and Injury in Secondary Pneumococcal Pneumonia. <i>MBio</i> , 2019 , 10,	7.8	8
157	Migration and Phenotype Control of Human Dermal Fibroblasts by Electrospun Fibrous Substrates. <i>Advanced Healthcare Materials</i> , 2019 , 8, e1801378	10.1	16
156	Reactive oxygen species: a volatile driver of field cancerization and metastasis. <i>Molecular Cancer</i> , 2019 , 18, 65	42.1	123
155	Exploiting vulnerabilities of cancer by targeting nuclear receptors of stromal cells in tumor microenvironment. <i>Molecular Cancer</i> , 2019 , 18, 51	42.1	31
154	A STAT3-based gene signature stratifies glioma patients for targeted therapy. <i>Nature Communications</i> , 2019 , 10, 3601	17.4	38

153	Materials Stiffness-Dependent Redox Metabolic Reprogramming of Mesenchymal Stem Cells for Secretome-Based Therapeutic Angiogenesis. <i>Advanced Healthcare Materials</i> , 2019 , 8, e1900929	10.1	22
152	Exploration and Development of PPAR Modulators in Health and Disease: An Update of Clinical Evidence. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	81
151	The Potential of the FSP1cre- Mouse Model for Studying Juvenile NAFLD. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	2
150	Depletion of Gram-Positive Bacteria Impacts Hepatic Biological Functions During the Light Phase. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	5
149	Collaborative Regulation of LRG1 by TGF- β and PPAR- γ Modulates Chronic Pressure Overload-Induced Cardiac Fibrosis. <i>Circulation: Heart Failure</i> , 2019 , 12, e005962	7.6	16
148	Mechanoregulation of Cancer-Associated Fibroblast Phenotype in Three-Dimensional Interpenetrating Hydrogel Networks. <i>Langmuir</i> , 2019 , 35, 7487-7495	4	25
147	Obesity-associated inflammation promotes angiogenesis and breast cancer via angiopoietin-like 4. <i>Oncogene</i> , 2019 , 38, 2351-2363	9.2	54
146	Cancer-associated fibroblasts in tumor microenvironment - Accomplices in tumor malignancy. <i>Cellular Immunology</i> , 2019 , 343, 103729	4.4	126
145	Selective deletion of PPAR- γ in fibroblasts causes dermal fibrosis by attenuated LRG1 expression. <i>Cell Discovery</i> , 2018 , 4, 15	22.3	17
144	ROS release by PPAR- γ null fibroblasts reduces tumor load through epithelial antioxidant response. <i>Oncogene</i> , 2018 , 37, 2067-2078	9.2	8
143	Targeting nuclear receptors in cancer-associated fibroblasts as concurrent therapy to inhibit development of chemoresistant tumors. <i>Oncogene</i> , 2018 , 37, 160-173	9.2	39
142	Hyaluronan Receptor LYVE-1-Expressing Macrophages Maintain Arterial Tone through Hyaluronan-Mediated Regulation of Smooth Muscle Cell Collagen. <i>Immunity</i> , 2018 , 49, 326-341.e7	32.3	111
141	An aPPARent Functional Consequence in Skeletal Muscle Physiology via Peroxisome Proliferator-Activated Receptors. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	35
140	Insights into the Role of PPAR- γ in NAFLD. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	29
139	Serum progesterone distribution in normal pregnancies compared to pregnancies complicated by threatened miscarriage from 5 to 13 weeks gestation: a prospective cohort study. <i>BMC Pregnancy and Childbirth</i> , 2018 , 18, 360	3.2	18
138	Targeting metabolic flexibility via angiopoietin-like 4 protein sensitizes metastatic cancer cells to chemotherapy drugs. <i>Molecular Cancer</i> , 2018 , 17, 152	42.1	10
137	Hydrogel Effects Rapid Biofilm Debridement with ex situ Contact-Kill to Eliminate Multidrug Resistant Bacteria in vivo. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 20356-20367	9.5	34
136	Fabrication and characterization of a novel crosslinked human keratin-alginate sponge. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017 , 11, 2590-2602	4.4	27

135	Validation of serum progesterone . <i>BMC Pregnancy and Childbirth</i> , 2017 , 17, 78	3.2	21
134	Supercritical carbon dioxide extracted extracellular matrix material from adipose tissue. <i>Materials Science and Engineering C</i> , 2017 , 75, 349-358	8.3	34
133	Feeding mice fat promotes foam cell formation in mesenteric lymph nodes without leading to ascites. <i>Journal of Lipid Research</i> , 2017 , 58, 1100-1113	6.3	13
132	Nanomechanically Visualizing Drug-Cell Interaction at the Early Stage of Chemotherapy. <i>ACS Nano</i> , 2017 , 11, 6996-7005	16.7	35
131	Angiopoietin-like 4 Mediates Colonic Inflammation by Regulating Chemokine Transcript Stability via Tristetraprolin. <i>Scientific Reports</i> , 2017 , 7, 44351	4.9	20
130	Nanoparticles of Short Cationic Peptidopolysaccharide Self-Assembled by Hydrogen Bonding with Antibacterial Effect against Multidrug-Resistant Bacteria. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 38288-38303	9.5	53
129	Spontaneous miscarriage in first trimester pregnancy is associated with altered urinary metabolite profile. <i>BBA Clinical</i> , 2017 , 8, 48-55		6
128	Cancer-associated fibroblasts enact field cancerization by promoting extratumoral oxidative stress. <i>Cell Death and Disease</i> , 2017 , 8, e2562	9.8	66
127	Fish scale-derived collagen patch promotes growth of blood and lymphatic vessels in vivo. <i>Acta Biomaterialia</i> , 2017 , 63, 246-260	10.8	35
126	Elevation of adenylate energy charge by angiopoietin-like 4 enhances epithelial-mesenchymal transition by inducing 14-3-3 σ expression. <i>Oncogene</i> , 2017 , 36, 6408-6419	9.2	23
125	Angiopoietin-like 4 induces a β -catenin-mediated upregulation of ID3 in fibroblasts to reduce scar collagen expression. <i>Scientific Reports</i> , 2017 , 7, 6303	4.9	15
124	Conditional knock out of N-WASP in keratinocytes causes skin barrier defects and atopic dermatitis-like inflammation. <i>Scientific Reports</i> , 2017 , 7, 7311	4.9	12
123	ANGPTL4 T266M variant is associated with reduced cancer invasiveness. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017 , 1864, 1525-1536	4.9	7
122	Controlled-release nanoencapsulating microcapsules to combat inflammatory diseases. <i>Drug Design, Development and Therapy</i> , 2017 , 11, 1707-1717	4.4	17
121	Sustained-releasing hollow microparticles with dual-anticancer drugs elicit greater shrinkage of tumor spheroids. <i>Oncotarget</i> , 2017 , 8, 80841-80852	3.3	4
120	Recellularization of decellularized adipose tissue-derived stem cells: role of the cell-secreted extracellular matrix in cellular differentiation. <i>Biomaterials Science</i> , 2017 , 6, 168-178	7.4	24
119	A Periosteum-Inspired 3D Hydrogel-Bioceramic Composite for Enhanced Bone Regeneration . <i>Macromolecular Bioscience</i> , 2016 , 16, 276-87	5.5	20
118	Downregulation of oncogenic RAS and c-Myc expression in MOLT-4 leukaemia cells by a salicylaldehyde semicarbazone copper(II) complex. <i>Scientific Reports</i> , 2016 , 6, 36868	4.9	10

117	Human and mouse monocytes display distinct signalling and cytokine profiles upon stimulation with FFAR2/FFAR3 short-chain fatty acid receptor agonists. <i>Scientific Reports</i> , 2016 , 6, 34145	4.9	49
116	Surface modification of PVDF using non-mammalian sources of collagen for enhancement of endothelial cell functionality. <i>Journal of Materials Science: Materials in Medicine</i> , 2016 , 27, 45	4.5	14
115	Novel method to improve vascularization of tissue engineered constructs with biodegradable fibers. <i>Biofabrication</i> , 2016 , 8, 015004	10.5	37
114	ST3GAL1-Associated Transcriptomic Program in Glioblastoma Tumor Growth, Invasion, and Prognosis. <i>Journal of the National Cancer Institute</i> , 2016 , 108,	9.7	32
113	Comparative Study of Adipose-Derived Stem Cells From Abdomen and Breast. <i>Annals of Plastic Surgery</i> , 2016 , 76, 569-75	1.7	13
112	Multi-Drug-Loaded Microcapsules with Controlled Release for Management of Parkinson's Disease. <i>Small</i> , 2016 , 12, 3712-22	11	14
111	Conditional knockout of N-WASP in mouse fibroblast caused keratinocyte hyper proliferation and enhanced wound closure. <i>Scientific Reports</i> , 2016 , 6, 38109	4.9	6
110	Soft Material Approach to Induce Oxidative Stress in Mesenchymal Stem Cells for Functional Tissue Repair. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 26591-26599	9.5	27
109	Transcriptional control of physiological and pathological processes by the nuclear receptor PPAR α . <i>Progress in Lipid Research</i> , 2016 , 64, 98-122	14.3	45
108	Comparative study of adipose-derived stem cells and bone marrow-derived stem cells in similar microenvironmental conditions. <i>Experimental Cell Research</i> , 2016 , 348, 155-164	4.2	20
107	Highly selective anti-cancer properties of ester functionalized enantiopure dinuclear gold(I)-diphosphine. <i>European Journal of Medicinal Chemistry</i> , 2015 , 98, 250-5	6.8	14
106	Bio-inspired micropatterned hydrogel to direct and deconstruct hierarchical processing of geometry-force signals by human mesenchymal stem cells during smooth muscle cell differentiation. <i>NPG Asia Materials</i> , 2015 , 7, e199-e199	10.3	40
105	Cutting Edge: Synchronization of IRF1, JunB, and C/EBP β Activities during TLR3-TLR7 Cross-Talk Orchestrates Timely Cytokine Synergy in the Proinflammatory Response. <i>Journal of Immunology</i> , 2015 , 195, 801-5	5.3	22
104	Imparting electroactivity to polycaprolactone fibers with heparin-doped polypyrrole: Modulation of hemocompatibility and inflammatory responses. <i>Acta Biomaterialia</i> , 2015 , 23, 240-249	10.8	22
103	Polymer-Enriched 3D Graphene Foams for Biomedical Applications. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 8275-83	9.5	61
102	Palladacycle promoted base controlled regio- and enantioselective hydrophosphination of 2-pyridylacrylate/amide and the cytotoxicity of their gold complexes. <i>Dalton Transactions</i> , 2015 , 44, 17557-64	4.3	8
101	Delivery of doxorubicin and paclitaxel from double-layered microparticles: The effects of layer thickness and dual-drug vs. single-drug loading. <i>Acta Biomaterialia</i> , 2015 , 27, 53-65	10.8	28
100	From flab to fab: transforming surgical waste into an effective bioactive coating material. <i>Advanced Healthcare Materials</i> , 2015 , 4, 613-20	10.1	9

99	Early controlled release of peroxisome proliferator-activated receptor γ agonist GW501516 improves diabetic wound healing through redox modulation of wound microenvironment. <i>Journal of Controlled Release</i> , 2015 , 197, 138-47	11.7	35
98	An Approach to the Efficient Syntheses of Chiral Phosphino- Carboxylic Acid Esters. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 3297-3302	5.6	12
97	How can we better predict the risk of spontaneous miscarriage among women experiencing threatened miscarriage?. <i>Gynecological Endocrinology</i> , 2015 , 31, 647-51	2.4	22
96	Nuclear Hormone Receptors and Epidermal Differentiation 2015 , 91-106		1
95	Culturing fibroblasts in 3D human hair keratin hydrogels. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 5187-98	9.5	71
94	Angiopoietin-like 4 Increases Pulmonary Tissue Leakiness and Damage during Influenza Pneumonia. <i>Cell Reports</i> , 2015 , 10, 654-663	10.6	38
93	Nuclear receptor peroxisome proliferator activated receptor (PPAR) γ in skin wound healing and cancer. <i>European Journal of Dermatology</i> , 2015 , 25 Suppl 1, 4-11	0.8	12
92	Endothelial cell thrombogenicity is reduced by ATRP-mediated grafting of gelatin onto PCL surfaces. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 485-493	7.3	24
91	Biocompatible, Uniform, and Redispersible Mesoporous Silica Nanoparticles for Cancer-Targeted Drug Delivery In Vivo. <i>Advanced Functional Materials</i> , 2014 , 24, 2450-2461	15.6	212
90	Perylene-derived single-component organic nanoparticles with tunable emission: efficient anticancer drug carriers with real-time monitoring of drug release. <i>ACS Nano</i> , 2014 , 8, 5939-52	16.7	83
89	Supramolecular nanoparticle carriers self-assembled from cyclodextrin- and adamantane-functionalized polyacrylates for tumor-targeted drug delivery. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 1879-1890	7.3	59
88	A 3D biomimetic model of tissue stiffness interface for cancer drug testing. <i>Molecular Pharmaceutics</i> , 2014 , 11, 2016-21	5.6	37
87	ANGPTL4 is produced by entero-endocrine cells in the human intestinal tract. <i>Histochemistry and Cell Biology</i> , 2014 , 141, 383-91	2.4	27
86	Klf2 is an essential factor that sustains ground state pluripotency. <i>Cell Stem Cell</i> , 2014 , 14, 864-72	18	90
85	Bioactivated protein-based porous microcarriers for tissue engineering applications. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 7795-7803	7.3	9
84	Fatty acid-inducible ANGPTL4 governs lipid metabolic response to exercise. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E1043-52	11.5	90
83	Angiopoietin-like 4 stimulates STAT3-mediated iNOS expression and enhances angiogenesis to accelerate wound healing in diabetic mice. <i>Molecular Therapy</i> , 2014 , 22, 1593-604	11.7	62
82	Three-Dimensional Graphene Composite Macroscopic Structures for Capture of Cancer Cells. <i>Advanced Materials Interfaces</i> , 2014 , 1, 1300043	4.6	77

81	The emerging role of Nrf2 in dermatotoxicology. <i>EMBO Molecular Medicine</i> , 2014 , 6, 431-3	12	7
80	Inhibition of 3-D tumor spheroids by timed-released hydrophilic and hydrophobic drugs from multilayered polymeric microparticles. <i>Small</i> , 2014 , 10, 3986-96	11	19
79	Src is activated by the nuclear receptor peroxisome proliferator-activated receptor α in ultraviolet radiation-induced skin cancer. <i>EMBO Molecular Medicine</i> , 2014 , 6, 80-98	12	35
78	Probing for protein-protein interactions during cell migration: limitations and challenges. <i>Histology and Histopathology</i> , 2014 , 29, 965-76	1.4	3
77	Melanoma-initiating cells exploit M2 macrophage TGF β and arginase pathway for survival and proliferation. <i>Oncotarget</i> , 2014 , 5, 12027-42	3.3	30
76	Mechanoregulation of stem cell fate via micro-/nano-scale manipulation for regenerative medicine. <i>Nanomedicine</i> , 2013 , 8, 623-38	5.6	40
75	Titanium dioxide nanomaterials cause endothelial cell leakiness by disrupting the homophilic interaction of VE-cadherin. <i>Nature Communications</i> , 2013 , 4, 1673	17.4	326
74	Natural IgG antibodies provide innate protection against ficolin-opsonized bacteria. <i>EMBO Journal</i> , 2013 , 32, 2905-19	13	63
73	Overexpression of angiopoietin-like protein 4 protects against atherosclerosis development. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 1529-37	9.4	63
72	CD163 and IgG codefend against cytotoxic hemoglobin via autocrine and paracrine mechanisms. <i>Journal of Immunology</i> , 2013 , 190, 5267-78	5.3	24
71	SMAD3 deficiency promotes inflammatory aortic aneurysms in angiotensin II-infused mice via activation of iNOS. <i>Journal of the American Heart Association</i> , 2013 , 2, e000269	6	41
70	T-cell death following immune activation is mediated by mitochondria-localized SARM. <i>Cell Death and Differentiation</i> , 2013 , 20, 478-89	12.7	53
69	Nox4-dependent ROS modulation by amino endoperoxides to induce apoptosis in cancer cells. <i>Cell Death and Disease</i> , 2013 , 4, e552	9.8	24
68	Loss of TAK1 increases cell traction force in a ROS-dependent manner to drive epithelial-mesenchymal transition of cancer cells. <i>Cell Death and Disease</i> , 2013 , 4, e848	9.8	35
67	Studying Wound Repair in the Mouse. <i>Current Protocols in Mouse Biology</i> , 2013 , 3, 171-85	1.1	18
66	Emerging roles of angiopoietin-like 4 in human cancer. <i>Molecular Cancer Research</i> , 2012 , 10, 677-88	6.6	114
65	Myostatin-null mice exhibit delayed skin wound healing through the blockade of transforming growth factor- β signaling by decorin. <i>American Journal of Physiology - Cell Physiology</i> , 2012 , 302, C1213-25	5.4	19
64	Getting Smad3 about obesity and diabetes. <i>Nutrition and Diabetes</i> , 2012 , 2, e29	4.7	53

63	Matricellular proteins: a sticky affair with cancers. <i>Journal of Oncology</i> , 2012 , 2012, 351089	4.5	93
62	Fabrication and drug release study of double-layered microparticles of various sizes. <i>Journal of Pharmaceutical Sciences</i> , 2012 , 101, 2787-97	3.9	29
61	Anti-cAngptl4 Ab-conjugated N-TiO(2) /NaYF(4) :Yb,Tm nanocomposite for near infrared-triggered drug release and enhanced targeted cancer cell ablation. <i>Advanced Healthcare Materials</i> , 2012 , 1, 470-4	10.1	50
60	Angiopoietin-like 4: a decade of research. <i>Bioscience Reports</i> , 2012 , 32, 211-9	4.1	171
59	Angiopoietin-like 4 regulates epidermal differentiation. <i>PLoS ONE</i> , 2011 , 6, e25377	3.7	27
58	ANGPTL4 modulates vascular junction integrity by integrin signaling and disruption of intercellular VE-cadherin and claudin-5 clusters. <i>Blood</i> , 2011 , 118, 3990-4002	2.2	157
57	TAK1 regulates SCF expression to modulate PKB activity that protects keratinocytes from ROS-induced apoptosis. <i>Cell Death and Differentiation</i> , 2011 , 18, 1120-9	12.7	24
56	Angiopoietin-like 4 protein elevates the prosurvival intracellular O ₂ (-):H ₂ O ₂ ratio and confers anoikis resistance to tumors. <i>Cancer Cell</i> , 2011 , 19, 401-15	24.3	193
55	Bio-inspired micropatterned platform to steer stem cell differentiation. <i>Small</i> , 2011 , 7, 1416-21	11	51
54	Smad3 signaling is required for satellite cell function and myogenic differentiation of myoblasts. <i>Cell Research</i> , 2011 , 21, 1591-604	24.7	70
53	Smad3 deficiency in mice protects against insulin resistance and obesity induced by a high-fat diet. <i>Diabetes</i> , 2011 , 60, 464-76	0.9	101
52	Angiopoietin-like 4 interacts with matrix proteins to modulate wound healing. <i>Journal of Biological Chemistry</i> , 2010 , 285, 32999-33009	5.4	94
51	Secreted M-ficolin anchors onto monocyte transmembrane G protein-coupled receptor 43 and cross talks with plasma C-reactive protein to mediate immune signaling and regulate host defense. <i>Journal of Immunology</i> , 2010 , 185, 6899-910	5.3	40
50	Angptl4 protects against severe proinflammatory effects of saturated fat by inhibiting fatty acid uptake into mesenteric lymph node macrophages. <i>Cell Metabolism</i> , 2010 , 12, 580-92	24.6	178
49	Angiopoietin-like 4 interacts with integrins beta1 and beta5 to modulate keratinocyte migration. <i>American Journal of Pathology</i> , 2010 , 177, 2791-803	5.8	92
48	Micropatterned matrix directs differentiation of human mesenchymal stem cells towards myocardial lineage. <i>Experimental Cell Research</i> , 2010 , 316, 1159-68	4.2	133
47	Regulation of cell proliferation and migration by TAK1 via transcriptional control of von Hippel-Lindau tumor suppressor. <i>Journal of Biological Chemistry</i> , 2009 , 284, 18047-58	5.4	20
46	Regulation of epithelial-mesenchymal IL-1 signaling by PPARbeta/delta is essential for skin homeostasis and wound healing. <i>Journal of Cell Biology</i> , 2009 , 184, 817-31	7.3	85

45	Regulation of epithelial-mesenchymal IL-1 signaling by PPAR γ is essential for skin homeostasis and wound healing. <i>Journal of Experimental Medicine</i> , 2009 , 206, i6-i6	16.6	
44	Respiratory protein-generated reactive oxygen species as an antimicrobial strategy. <i>Nature Immunology</i> , 2007 , 8, 1114-22	19.1	182
43	C-reactive protein collaborates with plasma lectins to boost immune response against bacteria. <i>EMBO Journal</i> , 2007 , 26, 3431-40	13	105
42	Glycogen synthase 2 is a novel target gene of peroxisome proliferator-activated receptors. <i>Cellular and Molecular Life Sciences</i> , 2007 , 64, 1145-57	10.3	56
41	The nuclear hormone receptor peroxisome proliferator-activated receptor beta/delta potentiates cell chemotactism, polarization, and migration. <i>Molecular and Cellular Biology</i> , 2007 , 27, 7161-75	4.8	53
40	The Interleukin-1 receptor antagonist is a direct target gene of PPARalpha in liver. <i>Journal of Hepatology</i> , 2007 , 46, 869-77	13.4	52
39	Differentiation of trophoblast giant cells and their metabolic functions are dependent on peroxisome proliferator-activated receptor beta/delta. <i>Molecular and Cellular Biology</i> , 2006 , 26, 3266-81	4.8	165
38	Reciprocal regulation of brain and muscle Arnt-like protein 1 and peroxisome proliferator-activated receptor alpha defines a novel positive feedback loop in the rodent liver circadian clock. <i>Molecular Endocrinology</i> , 2006 , 20, 1715-27		259
37	Evidence for the ancient origin of the NF-kappaB/IkappaB cascade: its archaic role in pathogen infection and immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 4204-9	11.5	81
36	Multiple expression control mechanisms of peroxisome proliferator-activated receptors and their target genes. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2005 , 93, 99-105	5.1	110
35	Genetic- or transforming growth factor-beta 1-induced changes in epidermal peroxisome proliferator-activated receptor beta/delta expression dictate wound repair kinetics. <i>Journal of Biological Chemistry</i> , 2005 , 280, 18163-70	5.4	32
34	The G0/G1 switch gene 2 is a novel PPAR target gene. <i>Biochemical Journal</i> , 2005 , 392, 313-24	3.8	176
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