

Nguan Soon Tan

List of Publications by Year in descending order

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Version: 2024-02-01

194
papers

12,838
citations

25034

57
h-index

28297

105
g-index

203
all docs

203
docs citations

203
times ranked

18145
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 2629-2639.	14.6	71
2	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.	6.3	10
3	Destabilization of β 2 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.	7.1	15
4	Endothelial-immune crosstalk contributes to vasculopathy in nonalcoholic fatty liver disease. <i>EMBO Reports</i> , 2022, 23, e54271.	4.5	7
5	N-WASP Attenuates Cell Proliferation and Migration through ERK2-Dependent Enhanced Expression of TXNIP. <i>Biology</i> , 2022, 11, 582.	2.8	1
6	Scar prevention through topical delivery of gelatin-tyramine-siSPARC nanoplex loaded in dissolvable hyaluronic acid microneedle patch across skin barrier. <i>Biomaterials Science</i> , 2022, 10, 3963-3971.	5.4	10
7	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.	0.7	7
8	Kinomic profile in patient-derived glioma cells during hypoxia reveals c-MET-PI3K dependency for adaptation. <i>Theranostics</i> , 2021, 11, 5127-5142.	10.0	7
9	Considerations in using human pluripotent stem cell-derived pancreatic beta cells to treat type 1 diabetes. , 2021, , 173-203.		0
10	Gestational age-specific normative values and determinants of serum progesterone through the first trimester of pregnancy. <i>Scientific Reports</i> , 2021, 11, 4161.	3.3	10
11	Mobilization efficiency is critically regulated by fat via marrow PPAR γ . <i>Haematologica</i> , 2021, 106, 1671-1683.	3.5	13
12	GREB1: An evolutionarily conserved protein with a glycosyltransferase domain links ER α glycosylation and stability to cancer. <i>Science Advances</i> , 2021, 7, .	10.3	19
13	PPARs and Tumor Microenvironment: The Emerging Roles of the Metabolic Master Regulators in Tumor Stroma- Epithelial Crosstalk and Carcinogenesis. <i>Cancers</i> , 2021, 13, 2153.	3.7	34
14	Roles of Estrogens in the Healthy and Diseased Oviparous Vertebrate Liver. <i>Metabolites</i> , 2021, 11, 502.	2.9	5
15	A PDZ Protein GIPC3 Positively Modulates Hedgehog Signaling and Melanoma Growth. <i>Journal of Investigative Dermatology</i> , 2021, , .	0.7	3
16	Bioinspired short peptide hydrogel for versatile encapsulation and controlled release of growth factor therapeutics. <i>Acta Biomaterialia</i> , 2021, 136, 111-123.	8.3	20
17	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.	8.3	19
18	Catalytic Asymmetric Hydrophosphination as a Valuable Tool to Access Dihydrophosphinated Curcumin and Its Derivatives. <i>Organometallics</i> , 2021, 40, 3454-3461.	2.3	4

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19	Endothelial-T cell crosstalk contributes to vascular injury in fatty liver disease. <i>European Heart Journal</i> , 2021, 42, .	2.2	0
20	Chelating Phosphineâ€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.	4.0	5
21	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.	2.8	9
22	Photocurable platelet rich plasma bioadhesives. <i>Acta Biomaterialia</i> , 2020, 117, 133-141.	8.3	9
23	Potentâ€Byâ€Design: Amino Acids Mimicking Porous Nanotherapeutics with Intrinsic Anticancer Targeting Properties. <i>Small</i> , 2020, 16, e2003757.	10.0	20
24	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.	10.0	16
25	Interpenetrating Network of Alginateâ€Human Adipose Extracellular Matrix Hydrogel for Islet Cells Encapsulation. <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000275.	3.9	23
26	Deficiency in fibroblast PPAR ^{2/Î} reduces nonmelanoma skin cancers in mice. <i>Cell Death and Differentiation</i> , 2020, 27, 2668-2680.	11.2	10
27	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.	3.3	6
28	PPAR ^{2/Î} Agonism Upregulates Forkhead Box A2 to Reduce Inflammation in C2C12 Myoblasts and in Skeletal Muscle. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1747.	4.1	10
29	Investigating the Role of PPAR ^{2/Î} in Retinal Vascular Remodeling Using Ppar ^{2/Î} -Deficient Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4403.	4.1	6
30	Characterisation of serum progesterone and progesterone-induced blocking factor (PIBF) levels across trimesters in healthy pregnant women. <i>Scientific Reports</i> , 2020, 10, 3840.	3.3	20
31	The Polyamine Putrescine Promotes Human Epidermal Melanogenesis. <i>Journal of Investigative Dermatology</i> , 2020, 140, 2032-2040.e1.	0.7	4
32	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.	14.6	87
33	ANGPTL 4 exacerbates pancreatitis by augmenting acinar cell injury through upregulation of C5a. <i>EMBO Molecular Medicine</i> , 2020, 12, e11222.	6.9	15
34	A STAT3-based gene signature stratifies glioma patients for targeted therapy. <i>Nature Communications</i> , 2019, 10, 3601.	12.8	67
35	Materials Stiffnessâ€Dependent Redox Metabolic Reprogramming of Mesenchymal Stem Cells for Secretomeâ€Based Therapeutic Angiogenesis. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900929.	7.6	49
36	Exploration and Development of PPAR Modulators in Health and Disease: An Update of Clinical Evidence. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5055.	4.1	140

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37	The Potential of the FSP1 ^{cre-Pparb/d^Δ/Δ} Mouse Model for Studying Juvenile NAFLD. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5115.	4.1	2
38	Epithelial-mesenchymal transition of cancer cells using bioengineered hybrid scaffold composed of hydrogel/3D-fibrous framework. <i>Scientific Reports</i> , 2019, 9, 8997.	3.3	30
39	Antibody Treatment against Angiopoietin-Like 4 Reduces Pulmonary Edema and Injury in Secondary Pneumococcal Pneumonia. <i>MBio</i> , 2019, 10, .	4.1	19
40	Migration and Phenotype Control of Human Dermal Fibroblasts by Electrospun Fibrous Substrates. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801378.	7.6	31
41	Reactive oxygen species: a volatile driver of field cancerization and metastasis. <i>Molecular Cancer</i> , 2019, 18, 65.	19.2	197
42	Exploiting vulnerabilities of cancer by targeting nuclear receptors of stromal cells in tumor microenvironment. <i>Molecular Cancer</i> , 2019, 18, 51.	19.2	57
43	Depletion of Gram-Positive Bacteria Impacts Hepatic Biological Functions During the Light Phase. <i>International Journal of Molecular Sciences</i> , 2019, 20, 812.	4.1	8
44	Collaborative Regulation of LRG1 by TGF- β 1 and PPAR- γ Modulates Chronic Pressure Overload-Induced Cardiac Fibrosis. <i>Circulation: Heart Failure</i> , 2019, 12, e005962.	3.9	29
45	Mechanoregulation of Cancer-Associated Fibroblast Phenotype in Three-Dimensional Interpenetrating Hydrogel Networks. <i>Langmuir</i> , 2019, 35, 7487-7495.	3.5	31
46	Obesity-associated inflammation promotes angiogenesis and breast cancer via angiopoietin-like 4. <i>Oncogene</i> , 2019, 38, 2351-2363.	5.9	83
47	Cancer-associated fibroblasts in tumor microenvironment – Accomplices in tumor malignancy. <i>Cellular Immunology</i> , 2019, 343, 103729.	3.0	221
48	Selective deletion of PPAR- γ in fibroblasts causes dermal fibrosis by attenuated LRG1 expression. <i>Cell Discovery</i> , 2018, 4, 15.	6.7	28
49	ROS release by PPAR- γ -null fibroblasts reduces tumor load through epithelial antioxidant response. <i>Oncogene</i> , 2018, 37, 2067-2078.	5.9	14
50	Cancer-associated fibroblasts enact field cancerization by promoting extratumoral oxidative stress. <i>Cell Death and Disease</i> , 2018, 8, e2562-e2562.	6.3	94
51	Targeting nuclear receptors in cancer-associated fibroblasts as concurrent therapy to inhibit development of chemoresistant tumors. <i>Oncogene</i> , 2018, 37, 160-173.	5.9	57
52	Recellularization of decellularized adipose tissue-derived stem cells: role of the cell-secreted extracellular matrix in cellular differentiation. <i>Biomaterials Science</i> , 2018, 6, 168-178.	5.4	44
53	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.	2.4	43
54	Targeting metabolic flexibility via angiopoietin-like 4 protein sensitizes metastatic cancer cells to chemotherapy drugs. <i>Molecular Cancer</i> , 2018, 17, 152.	19.2	15

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55	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.	8.0	51
56	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.	14.3	235
57	An aPPARent Functional Consequence in Skeletal Muscle Physiology via Peroxisome Proliferator-Activated Receptors. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1425.	4.1	53
58	Insights into the Role of PPAR α in NAFLD. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1893.	4.1	42
59	Fabrication and characterization of a novel crosslinked human keratin-alginate sponge. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 2590-2602.	2.7	37
60	Validation of serum progesterone $\leq 35\text{nmol/L}$ as a predictor of miscarriage among women with threatened miscarriage. <i>BMC Pregnancy and Childbirth</i> , 2017, 17, 78.	2.4	32
61	Supercritical carbon dioxide extracted extracellular matrix material from adipose tissue. <i>Materials Science and Engineering C</i> , 2017, 75, 349-358.	7.3	46
62	Feeding Angptl4 $^{-/-}$ mice trans fat promotes foam cell formation in mesenteric lymph nodes without leading to ascites. <i>Journal of Lipid Research</i> , 2017, 58, 1100-1113.	4.2	22
63	Nanomechanically Visualizing Drug-Cell Interaction at the Early Stage of Chemotherapy. <i>ACS Nano</i> , 2017, 11, 6996-7005.	14.6	41
64	Angiotensin-like 4 Mediates Colonic Inflammation by Regulating Chemokine Transcript Stability via Tristetraprolin. <i>Scientific Reports</i> , 2017, 7, 44351.	3.3	30
65	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.	8.0	67
66	Spontaneous miscarriage in first trimester pregnancy is associated with altered urinary metabolite profile. <i>BBA Clinical</i> , 2017, 8, 48-55.	4.1	10
67	Fish scale-derived collagen patch promotes growth of blood and lymphatic vessels in vivo. <i>Acta Biomaterialia</i> , 2017, 63, 246-260.	8.3	48
68	Elevation of adenylate energy charge by angiotensin-like 4 enhances epithelial-mesenchymal transition by inducing 14-3-3 σ expression. <i>Oncogene</i> , 2017, 36, 6408-6419.	5.9	44
69	Angiotensin-like 4 induces a β -catenin-mediated upregulation of ID3 in fibroblasts to reduce scar collagen expression. <i>Scientific Reports</i> , 2017, 7, 6303.	3.3	21
70	Conditional knock out of N-WASP in keratinocytes causes skin barrier defects and atopic dermatitis-like inflammation. <i>Scientific Reports</i> , 2017, 7, 7311.	3.3	19
71	Is Progesterone Deficiency Associated With Early Pregnancy Loss? A Study of 718 High-Risk and Normal Pregnancies [23P]. <i>Obstetrics and Gynecology</i> , 2017, 129, S169-S170.	2.4	1
72	ANGPTL4 T266M variant is associated with reduced cancer invasiveness. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1525-1536.	4.1	11

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73	Controlled-release nanoencapsulating microcapsules to combat inflammatory diseases. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 1707-1717.	4.3	22
74	Sustained-releasing hollow microparticles with dual-anticancer drugs elicit greater shrinkage of tumor spheroids. <i>Oncotarget</i> , 2017, 8, 80841-80852.	1.8	5
75	Comparative Study of Adipose-Derived Stem Cells From Abdomen and Breast. <i>Annals of Plastic Surgery</i> , 2016, 76, 569-575.	0.9	17
76	Multi-Drug-Loaded Microcapsules with Controlled Release for Management of Parkinson's Disease. <i>Small</i> , 2016, 12, 3712-3722.	10.0	19
77	Conditional knockout of N-WASP in mouse fibroblast caused keratinocyte hyper proliferation and enhanced wound closure. <i>Scientific Reports</i> , 2016, 6, 38109.	3.3	9
78	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.	8.0	38
79	Transcriptional control of physiological and pathological processes by the nuclear receptor PPAR α . <i>Progress in Lipid Research</i> , 2016, 64, 98-122.	11.6	58
80	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.	2.6	25
81	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.	3.3	11
82	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.	3.3	69
83	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.	3.6	15
84	Novel method to improve vascularization of tissue engineered constructs with biodegradable fibers. <i>Biofabrication</i> , 2016, 8, 015004.	7.1	42
85	ST3GAL1-Associated Transcriptomic Program in Glioblastoma Tumor Growth, Invasion, and Prognosis. <i>Journal of the National Cancer Institute</i> , 2016, 108, .	6.3	48
86	A Periosteum-Inspired 3D Hydrogel-Bioceramic Composite for Enhanced Bone Regeneration. <i>Macromolecular Bioscience</i> , 2016, 16, 276-287.	4.1	22
87	An Approach to the Efficient Syntheses of Chiral Phosphino-Carboxylic Acid Esters. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3297-3302.	4.3	18
88	How can we better predict the risk of spontaneous miscarriage among women experiencing threatened miscarriage?. <i>Gynecological Endocrinology</i> , 2015, 31, 647-651.	1.7	27
89	Nuclear Hormone Receptors and Epidermal Differentiation. , 2015, , 91-106.		1
90	Culturing Fibroblasts in 3D Human Hair Keratin Hydrogels. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 5187-5198.	8.0	96

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91	Angiotensin-like 4 Increases Pulmonary Tissue Leakiness and Damage during Influenza Pneumonia. <i>Cell Reports</i> , 2015, 10, 654-663.	6.4	59
92	Highly selective anti-cancer properties of ester functionalized enantiopure dinuclear gold(I)-diphosphine. <i>European Journal of Medicinal Chemistry</i> , 2015, 98, 250-255.	5.5	17
93	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.	7.9	51
94	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, 801-805.	0.8	28
95	Imparting electroactivity to polycaprolactone fibers with heparin-doped polypyrrole: Modulation of hemocompatibility and inflammatory responses. <i>Acta Biomaterialia</i> , 2015, 23, 240-249.	8.3	23
96	Polymer-Enriched 3D Graphene Foams for Biomedical Applications. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 8275-8283.	8.0	73
97	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, 17557-17564.	3.3	9
98	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.	8.3	32
99	From Flab to Fab: Transforming Surgical Waste into an Effective Bioactive Coating Material. <i>Advanced Healthcare Materials</i> , 2015, 4, 613-620.	7.6	9
100	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, 138-147.	9.9	47
101	Nuclear receptor peroxisome proliferator activated receptor (PPAR) γ in skin wound healing and cancer. <i>European Journal of Dermatology</i> , 2015, 25, 4-11.	0.6	18
102	Targeting vascular leakage in lung inflammation. <i>Oncotarget</i> , 2015, 6, 19338-19339.	1.8	5
103	Bioactivated protein-based porous microcarriers for tissue engineering applications. <i>Journal of Materials Chemistry B</i> , 2014, 2, 7795-7803.	5.8	13
104	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.	7.1	113
105	Angiotensin-like 4 Stimulates STAT3-mediated iNOS Expression and Enhances Angiogenesis to Accelerate Wound Healing in Diabetic Mice. <i>Molecular Therapy</i> , 2014, 22, 1593-1604.	8.2	89
106	Natural IgG antibodies provide innate protection against ficolin-opsinized bacteria. <i>EMBO Journal</i> , 2014, 33, 1977-1977.	7.8	1
107	Three-Dimensional Graphene Composite Macroscopic Structures for Capture of Cancer Cells. <i>Advanced Materials Interfaces</i> , 2014, 1, 1300043.	3.7	82
108	The emerging role of Nrf2 in dermatotoxicology. <i>EMBO Molecular Medicine</i> , 2014, 6, 431-433.	6.9	11

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109	Inhibition of 3D Tumor Spheroids by Timed-Released Hydrophilic and Hydrophobic Drugs from Multilayered Polymeric Microparticles. <i>Small</i> , 2014, 10, 3986-3996.	10.0	22
110	Src is activated by the nuclear receptor peroxisome proliferator-activated receptor γ in ultraviolet radiation-induced skin cancer. <i>EMBO Molecular Medicine</i> , 2014, 6, 80-98.	6.9	50
111	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.	5.8	27
112	Biocompatible, Uniform, and Redispersible Mesoporous Silica Nanoparticles for Cancer-Targeted Drug Delivery In Vivo. <i>Advanced Functional Materials</i> , 2014, 24, 2450-2461.	14.9	238
113	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, 5939-5952.	14.6	102
114	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.	5.8	73
115	A 3D Biomimetic Model of Tissue Stiffness Interface for Cancer Drug Testing. <i>Molecular Pharmaceutics</i> , 2014, 11, 2016-2021.	4.6	53
116	ANGPTL4 is produced by entero-endocrine cells in the human intestinal tract. <i>Histochemistry and Cell Biology</i> , 2014, 141, 383-391.	1.7	34
117	Klf2 Is an Essential Factor that Sustains Ground State Pluripotency. <i>Cell Stem Cell</i> , 2014, 14, 864-872.	11.1	111
118	Probing for protein-protein interactions during cell migration: limitations and challenges. <i>Histology and Histopathology</i> , 2014, 29, 965-76.	0.7	7
119	Melanoma-initiating cells exploit M2 macrophage TGF β 2 and arginase pathway for survival and proliferation. <i>Oncotarget</i> , 2014, 5, 12027-12042.	1.8	38
120	Mechanoregulation of stem cell fate via micro-/nano-scale manipulation for regenerative medicine. <i>Nanomedicine</i> , 2013, 8, 623-638.	3.3	44
121	Titanium dioxide nanomaterials cause endothelial cell leakiness by disrupting the homophilic interaction of VE-cadherin. <i>Nature Communications</i> , 2013, 4, 1673.	12.8	401
122	Natural IgG antibodies provide innate protection against ficolin-opsonized bacteria. <i>EMBO Journal</i> , 2013, 32, 2905-2919.	7.8	77
123	Overexpression of Angiopoietin-Like Protein 4 Protects Against Atherosclerosis Development. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1529-1537.	2.4	79
124	CD163 and IgG Codefend against Cytotoxic Hemoglobin via Autocrine and Paracrine Mechanisms. <i>Journal of Immunology</i> , 2013, 190, 5267-5278.	0.8	37
125	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.	3.7	48
126	T-cell death following immune activation is mediated by mitochondria-localized SARM. <i>Cell Death and Differentiation</i> , 2013, 20, 478-489.	11.2	67

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127	Nox4-dependent ROS modulation by amino endoperoxides to induce apoptosis in cancer cells. <i>Cell Death and Disease</i> , 2013, 4, e552-e552.	6.3	26
128	Loss of TAK1 increases cell traction force in a ROS-dependent manner to drive epithelialâ€mesenchymal transition of cancer cells. <i>Cell Death and Disease</i> , 2013, 4, e848-e848.	6.3	40
129	Studying Wound Repair in the Mouse. <i>Current Protocols in Mouse Biology</i> , 2013, 3, 171-185.	1.2	26
130	Angiotensin-like 4: a decade of research. <i>Bioscience Reports</i> , 2012, 32, 211-219.	2.4	210
131	Emerging Roles of Angiotensin-like 4 in Human Cancer. <i>Molecular Cancer Research</i> , 2012, 10, 677-688.	3.4	143
132	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-C1225.	4.6	23
133	Getting â€Smadâ€™ about obesity and diabetes. <i>Nutrition and Diabetes</i> , 2012, 2, e29-e29.	3.2	64
134	Matricellular Proteins: A Sticky Affair with Cancers. <i>Journal of Oncology</i> , 2012, 2012, 1-17.	1.3	112
135	Fabrication and Drug Release Study of Double-Layered Microparticles of Various Sizes. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 2787-2797.	3.3	31
136	Antiâ€Angptl4 Abâ€Conjugated Naâ€TiO ₂ /NaYF ₄ :Yb,Tm Nanocomposite for Near Infraredâ€Triggered Drug Release and Enhanced Targeted Cancer Cell Ablation. <i>Advanced Healthcare Materials</i> , 2012, 1, 470-474.	7.6	54
137	Angiotensin-Like 4 Regulates Epidermal Differentiation. <i>PLoS ONE</i> , 2011, 6, e25377.	2.5	33
138	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.	1.4	203
139	TAK1 regulates SCF expression to modulate PKB \pm activity that protects keratinocytes from ROS-induced apoptosis. <i>Cell Death and Differentiation</i> , 2011, 18, 1120-1129.	11.2	27
140	Angiotensin-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, 401-415.	16.8	225
141	Bioâ€Inspired Micropatterned Platform to Steer Stem Cell Differentiation. <i>Small</i> , 2011, 7, 1416-1421.	10.0	52
142	Smad3 signaling is required for satellite cell function and myogenic differentiation of myoblasts. <i>Cell Research</i> , 2011, 21, 1591-1604.	12.0	85
143	Smad3 Deficiency in Mice Protects Against Insulin Resistance and Obesity Induced by a High-Fat Diet. <i>Diabetes</i> , 2011, 60, 464-476.	0.6	123
144	Micropatterned matrix directs differentiation of human mesenchymal stem cells towards myocardial lineage. <i>Experimental Cell Research</i> , 2010, 316, 1159-1168.	2.6	148

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145	Angiopoietin-like 4 Interacts with Matrix Proteins to Modulate Wound Healing*. Journal of Biological Chemistry, 2010, 285, 32999-33009.	3.4	113
146	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. Journal of Immunology, 2010, 185, 6899-6910.	0.8	60
147	Angptl4 Protects against Severe Proinflammatory Effects of Saturated Fat by Inhibiting Fatty Acid Uptake into Mesenteric Lymph Node Macrophages. Cell Metabolism, 2010, 12, 580-592.	16.2	225
148	Angiopoietin-Like 4 Interacts with Integrins β 1 and β 5 to Modulate Keratinocyte Migration. American Journal of Pathology, 2010, 177, 2791-2803.	3.8	105
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