Nguan Soon Tan

List of Publications by Year
in descending order

194	12,838	25034	28297
papers	citations	57 h-index	105 g-index

203	203	203	18145
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antiapoptotic Role of PPARÎ² in Keratinocytes via Transcriptional Control of the Akt1 Signaling Pathway. Molecular Cell, 2002, 10, 721-733.	9.7	635
2	Characterization of the Fasting-induced Adipose Factor FIAF, a Novel Peroxisome Proliferator-activated Receptor Target Gene. Journal of Biological Chemistry, 2000, 275, 28488-28493.	3.4	481
3	Selective Cooperation between Fatty Acid Binding Proteins and Peroxisome Proliferator-Activated Receptors in Regulating Transcription. Molecular and Cellular Biology, 2002, 22, 5114-5127.	2.3	448
4	Titanium dioxide nanomaterials cause endothelial cell leakiness by disrupting the homophilic interaction of VEâ€“cadherin. Nature Communications, 2013, 4, 1673.	12.8	401
5	Impaired skin wound healing in peroxisome proliferatorâ€“activated receptor (PPAR)Î± and PPARÎ² mutant mice. Journal of Cell Biology, 2001, 154, 799-814.	5.2	388
6	Critical roles of PPARbeta /delta in keratinocyte response to inflammation. Genes and Development, 2001, 15, 3263-3277.	5.9	373
7	Reciprocal Regulation of Brain and Muscle Arnt-Like Protein 1 and Peroxisome Proliferator-Activated Receptor Î± Defines a Novel Positive Feedback Loop in the Rodent Liver Circadian Clock. Molecular Endocrinology, 2006, 20, 1715-1727.	3.7	317
8	Biocompatible, Uniform, and Redispersible Mesoporous Silica Nanoparticles for Cancerâ€Targeted Drug Delivery In Vivo. Advanced Functional Materials, 2014, 24, 2450-2461.	14.9	238
9	Hyaluronan Receptor LYVE-1-Expressing Macrophages Maintain Arterial Tone through Hyaluronan-Mediated Regulation of Smooth Muscle Cell Collagen. Immunity, 2018, 49, 326-341.e7.	14.3	235
10	The Direct Peroxisome Proliferator-activated Receptor Target Fasting-induced Adipose Factor (FIAF/PGAR/ANGPTL4) Is Present in Blood Plasma as a Truncated Protein That Is Increased by Fenofibrate Treatment. Journal of Biological Chemistry, 2004, 279, 34411-34420.	3.4	229
11	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
12	Angiopoietin-like 4 Protein Elevates the Prosurvival Intracellular O2â^':H2O2 Ratio and Confers Anoikis Resistance to Tumors. Cancer Cell, 2011, 19, 401-415.	16.8	225
13	Cancer-associated fibroblasts in tumor microenvironment â€“ Accomplices in tumor malignancy. Cellular Immunology, 2019, 343, 103729.	3.0	221
14	Angiopoietin-like 4: a decade of research. Bioscience Reports, 2012, 32, 211-219.	2.4	210
15	PPARÎ± governs glycerol metabolism. Journal of Clinical Investigation, 2004, 114, 94-103.	8.2	207
16	Respiratory proteinâ€“generated reactive oxygen species as an antimicrobial strategy. Nature Immunology, 2007, 8, 1114-1122.	14.5	205
17	ANGPTL4 modulates vascular junction integrity by integrin signaling and disruption of intercellular VE-cadherin and claudin-5 clusters. Blood, 2011, 118, 3990-4002.	1.4	203
18	Reactive oxygen species: a volatile driver of field cancerization and metastasis. Molecular Cancer, 2019, 18, 65.	19.2	197

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19	The G0/G1 switch gene 2 is a novel PPAR target gene. Biochemical Journal, 2005, 392, 313-324.	3.7	190
20	Differentiation of Trophoblast Giant Cells and Their Metabolic Functions Are Dependent on Peroxisome Proliferator-Activated Receptor Î²/Î´. Molecular and Cellular Biology, 2006, 26, 3266-3281.	2.3	179
21	In vivo activation of PPAR target genes by RXR homodimers. EMBO Journal, 2004, 23, 2083-2091.	7.8	172
22	Micropatterned matrix directs differentiation of human mesenchymal stem cells towards myocardial lineage. Experimental Cell Research, 2010, 316, 1159-1168.	2.6	148
23	Emerging Roles of Angiopoietin-like 4 in Human Cancer. Molecular Cancer Research, 2012, 10, 677-688.	3.4	143
24	Exploration and Development of PPAR Modulators in Health and Disease: An Update of Clinical Evidence. International Journal of Molecular Sciences, 2019, 20, 5055.	4.1	140
25	Smad3 Deficiency in Mice Protects Against Insulin Resistance and Obesity Induced by a High-Fat Diet. Diabetes, 2011, 60, 464-476.	0.6	123
26	PPARÎ± governs glycerol metabolism. Journal of Clinical Investigation, 2004, 114, 94-103.	8.2	121
27	Multiple expression control mechanisms of peroxisome proliferator-activated receptors and their target genes. Journal of Steroid Biochemistry and Molecular Biology, 2005, 93, 99-105.	2.5	119
28	C-reactive protein collaborates with plasma lectins to boost immune response against bacteria. EMBO Journal, 2007, 26, 3431-3440.	7.8	116
29	Angiopoietin-like 4 Interacts with Matrix Proteins to Modulate Wound Healing*. Journal of Biological Chemistry, 2010, 285, 32999-33009.	3.4	113
30	Fatty acid-inducible ANGPTL4 governs lipid metabolic response to exercise. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E1043-52.	7.1	113
31	Matricellular Proteins: A Sticky Affair with Cancers. Journal of Oncology, 2012, 2012, 1-17.	1.3	112
32	Klf2 Is an Essential Factor that Sustains Ground State Pluripotency. Cell Stem Cell, 2014, 14, 864-872.	11.1	111
33	Angiopoietin-Like 4 Interacts with Integrins Î²1 and Î²5 to Modulate Keratinocyte Migration. American Journal of Pathology, 2010, 177, 2791-2803.	3.8	105
34	Definition of endotoxin binding sites in horseshoe crab Factor C recombinant sushi proteins and neutralization of endotoxin by sushi peptides. FASEB Journal, 2000, 14, 1801-1813.	0.5	102
35	Perylene-Derived Single-Component Organic Nanoparticles with Tunable Emission: Efficient Anticancer Drug Carriers with Real-Time Monitoring of Drug Release. ACS Nano, 2014, 8, 5939-5952.	14.6	102
36	Regulation of epithelialâ€“mesenchymal IL-1 signaling by PPARÎ²/Î´ is essential for skin homeostasis and wound healing. Journal of Cell Biology, 2009, 184, 817-831.	5.2	97

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37	Culturing Fibroblasts in 3D Human Hair Keratin Hydrogels. ACS Applied Materials & Interfaces, 2015, 7, 5187-5198.	8.0	96
38	Cancer-associated fibroblasts enact field cancerization by promoting extratumoral oxidative stress. Cell Death and Disease, 2018, 8, e2562-e2562.	6.3	94
39	Angiopoietin-like 4 Stimulates STAT3-mediated iNOS Expression and Enhances Angiogenesis to Accelerate Wound Healing in Diabetic Mice. Molecular Therapy, 2014, 22, 1593-1604.	8.2	89
40	Evidence for the ancient origin of the NF-ÂB/IÂB cascade: Its archaic role in pathogen infection and immunity. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 4204-4209.	7.1	88
41	Multiplex Surface-Enhanced Raman Scattering Identification and Quantification of Urine Metabolites in Patient Samples within 30 min. ACS Nano, 2020, 14, 2542-2552.	14.6	87
42	Smad3 signaling is required for satellite cell function and myogenic differentiation of myoblasts. Cell Research, 2011, 21, 1591-1604.	12.0	85
43	Obesity-associated inflammation promotes angiogenesis and breast cancer via angiopoietin-like 4. Oncogene, 2019, 38, 2351-2363.	5.9	83
44	Threeâ€Ðimensional Graphene Composite Macroscopic Structures for Capture of Cancer Cells. Advanced Materials Interfaces, 2014, 1, 1300043.	3.7	82
45	Overexpression of Angiopoietin-Like Protein 4 Protects Against Atherosclerosis Development. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1529-1537.	2.4	79
46	Natural IgG antibodies provide innate protection against ficolin-opsonized bacteria. EMBO Journal, 2013, 32, 2905-2919.	7.8	77
47	Essential role of Smad3 in the inhibition of inflammation-induced PPARÎ²/Î´ expression. EMBO Journal, 2004, 23, 4211-4221.	7.8	75
48	Supramolecular nanoparticle carriers self-assembled from cyclodextrin- and adamantane-functionalized polyacrylates for tumor-targeted drug delivery. Journal of Materials Chemistry B, 2014, 2, 1879.	5.8	73
49	Polymer-Enriched 3D Graphene Foams for Biomedical Applications. ACS Applied Materials & Interfaces, 2015, 7, 8275-8283.	8.0	73
50	Noninvasive and Point-of-Care Surface-Enhanced Raman Scattering (SERS)-Based Breathalyzer for Mass Screening of Coronavirus Disease 2019 (COVID-19) under 5 min. ACS Nano, 2022, 16, 2629-2639.	14.6	71
51	Human and mouse monocytes display distinct signalling and cytokine profiles upon stimulation with FFAR2/FFAR3 short-chain fatty acid receptor agonists. Scientific Reports, 2016, 6, 34145.	3.3	69
52	Glycogen synthase 2 is a novel target gene of peroxisome proliferator-activated receptors. Cellular and Molecular Life Sciences, 2007, 64, 1145-1157.	5.4	67
53	T-cell death following immune activation is mediated by mitochondria-localized SARM. Cell Death and Differentiation, 2013, 20, 478-489.	11.2	67
54	Nanoparticles of Short Cationic Peptidopolysaccharide Self-Assembled by Hydrogen Bonding with Antibacterial Effect against Multidrug-Resistant Bacteria. ACS Applied Materials & Interfaces, 2017, 9, 38288-38303.	8.0	67

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55	A STAT3-based gene signature stratifies glioma patients for targeted therapy. Nature Communications, 2019, 10, 3601.	12.8	67
56	The anti-apoptotic role of PPARÎ² contributes to efficient skin wound healing. Journal of Steroid Biochemistry and Molecular Biology, 2003, 85, 257-265.	2.5	66
57	The Interleukin-1 receptor antagonist is a direct target gene of PPARÎ± in liver. Journal of Hepatology, 2007, 46, 869-877.	3.7	66
58	Getting â€˜Smadâ€™ about obesity and diabetes. Nutrition and Diabetes, 2012, 2, e29-e29.	3.2	64
59	The Nuclear Hormone Receptor Peroxisome Proliferator-Activated Receptor Î²/Î´ Potentiates Cell Chemotactism, Polarization, and Migration. Molecular and Cellular Biology, 2007, 27, 7161-7175.	2.3	60
60	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
61	Highâ€affinity LPS binding domain(s) in recombinant factor C of a horseshoe crab neutralizes LPSâ€induced lethality. FASEB Journal, 2000, 14, 859-870.	0.5	59
62	Angiopoietin-like 4 Increases Pulmonary Tissue Leakiness and Damage during Influenza Pneumonia. Cell Reports, 2015, 10, 654-663.	6.4	59
63	Transcriptional control of physiological and pathological processes by the nuclear receptor PPARÎ²/Î´. Progress in Lipid Research, 2016, 64, 98-122.	11.6	58
64	Epithelium-Mesenchyme Interactions Control the Activity of Peroxisome Proliferator-Activated Receptor Î²/Î´ during Hair Follicle Development. Molecular and Cellular Biology, 2005, 25, 1696-1712.	2.3	57
65	Targeting nuclear receptors in cancer-associated fibroblasts as concurrent therapy to inhibit development of chemoresistant tumors. Oncogene, 2018, 37, 160-173.	5.9	57
66	Exploiting vulnerabilities of cancer by targeting nuclear receptors of stromal cells in tumor microenvironment. Molecular Cancer, 2019, 18, 51.	19.2	57
67	Antiâ€cAngptl4 Abâ€Conjugated Nâ€TiO₂/NaYF₄:Yb,Tm Nanocomposite for Near Infraredâ€Triggered Drug Release and Enhanced Targeted Cancer Cell Ablation. Advanced Healthcare Materials, 2012, 1, 470-474.	7.6	54
68	A 3D Biomimetic Model of Tissue Stiffness Interface for Cancer Drug Testing. Molecular Pharmaceutics, 2014, 11, 2016-2021.	4.6	53
69	An aPPARent Functional Consequence in Skeletal Muscle Physiology via Peroxisome Proliferator-Activated Receptors. International Journal of Molecular Sciences, 2018, 19, 1425.	4.1	53
70	Bioâ€inspired Micropatterned Platform to Steer Stem Cell Differentiation. Small, 2011, 7, 1416-1421.	10.0	52
71	Bio-inspired micropatterned hydrogel to direct and deconstruct hierarchical processing of geometry-force signals by human mesenchymal stem cells during smooth muscle cell differentiation. NPG Asia Materials, 2015, 7, e199-e199.	7.9	51
72	Hydrogel Effects Rapid Biofilm Debridement with ex situ Contact-Kill to Eliminate Multidrug Resistant Bacteria in vivo. ACS Applied Materials & Interfaces, 2018, 10, 20356-20367.	8.0	51

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73	Src is activated by the nuclear receptor peroxisome proliferatorâ€activated receptor Î²/Î´ in ultraviolet radiationâ€induced skin cancer. EMBO Molecular Medicine, 2014, 6, 80-98.	6.9	50
74	Materials Stiffnessâ€Dependent Redox Metabolic Reprogramming of Mesenchymal Stem Cells for Secretomeâ€Based Therapeutic Angiogenesis. Advanced Healthcare Materials, 2019, 8, e1900929.	7.6	49
75	Temperature dependence of estrogen binding: importance of a subzone in the ligand binding domain of a novel piscine estrogen receptor. Biochimica Et Biophysica Acta - Molecular Cell Research, 1999, 1452, 103-120.	4.1	48
76	SMAD3 Deficiency Promotes Inflammatory Aortic Aneurysms in Angiotensin Iiâ€“Infused Mice Via Activation of iNOS. Journal of the American Heart Association, 2013, 2, e000269.	3.7	48
77	ST3GAL1-Associated Transcriptomic Program in Glioblastoma Tumor Growth, Invasion, and Prognosis. Journal of the National Cancer Institute, 2016, 108, .	6.3	48
78	Fish scale-derived collagen patch promotes growth of blood and lymphatic vessels in vivo. Acta Biomaterialia, 2017, 63, 246-260.	8.3	48
79	Early controlled release of peroxisome proliferator-activated receptor Î²/Î´ agonist GW501516 improves diabetic wound healing through redox modulation of wound microenvironment. Journal of Controlled Release, 2015, 197, 138-147.	9.9	47
80	Supercritical carbon dioxide extracted extracellular matrix material from adipose tissue. Materials Science and Engineering C, 2017, 75, 349-358.	7.3	46
81	Mechanoregulation of stem cell fate via micro-/nano-scale manipulation for regenerative medicine. Nanomedicine, 2013, 8, 623-638.	3.3	44
82	Elevation of adenylate energy charge by angiopoietin-like 4 enhances epithelialâ€“mesenchymal transition by inducing 14-3-3Î³ expression. Oncogene, 2017, 36, 6408-6419.	5.9	44
83	Recellularization of decellularized adipose tissue-derived stem cells: role of the cell-secreted extracellular matrix in cellular differentiation. Biomaterials Science, 2018, 6, 168-178.	5.4	44
84	A novel piscine vitellogenin gene: structural and functional analyses of estrogen-inducible promoter. Molecular and Cellular Endocrinology, 1998, 146, 103-120.	3.2	43
85	Serum progesterone distribution in normal pregnancies compared to pregnancies complicated by threatened miscarriage from 5 to 13 weeks gestation: a prospective cohort study. BMC Pregnancy and Childbirth, 2018, 18, 360.	2.4	43
86	Novel method to improve vascularization of tissue engineered constructs with biodegradable fibers. Biofabrication, 2016, 8, 015004.	7.1	42
87	Insights into the Role of PPARÎ²/Î´ in NAFLD. International Journal of Molecular Sciences, 2018, 19, 1893.	4.1	42
88	High Therapeutic Index of Factor C Sushi Peptides: Potent Antimicrobials against Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2001, 45, 2820-2825.	3.2	41
89	Critical roles of the nuclear receptor PPARÎ² (peroxisome-proliferator-activated receptor Î²) in skin wound healing. Biochemical Society Transactions, 2004, 32, 97-102.	3.4	41
90	Nanomechanically Visualizing Drugâ€“Cell Interaction at the Early Stage of Chemotherapy. ACS Nano, 2017, 11, 6996-7005.	14.6	41

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91	Peroxisome proliferator-activated receptor-Î² as a target for wound healing drugs. Expert Opinion on Therapeutic Targets, 2004, 8, 39-48.	3.4	40
92	Loss of TAK1 increases cell traction force in a ROS-dependent manner to drive epithelialâ€“mesenchymal transition of cancer cells. Cell Death and Disease, 2013, 4, e848-e848.	6.3	40
93	The first contiguous estrogen receptor gene from a fish, Oreochromis aureus: evidence for multiple transcripts. Molecular and Cellular Endocrinology, 1996, 120, 177-192.	3.2	38
94	Soft Material Approach to Induce Oxidative Stress in Mesenchymal Stem Cells for Functional Tissue Repair. ACS Applied Materials & Interfaces, 2016, 8, 26591-26599.	8.0	38
95	Melanoma-initiating cells exploit M2 macrophage TGFÎ² and arginase pathway for survival and proliferation. Oncotarget, 2014, 5, 12027-12042.	1.8	38
96	CD163 and IgG Codefend against Cytotoxic Hemoglobin via Autocrine and Paracrine Mechanisms. Journal of Immunology, 2013, 190, 5267-5278.	0.8	37
97	Fabrication and characterization of a novel crosslinked human keratin-alginate sponge. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 2590-2602.	2.7	37
98	Genetic- or Transforming Growth Factor-Î²1-induced Changes in Epidermal Peroxisome Proliferator-activated Receptor Î²/Î´ Expression Dictate Wound Repair Kinetics. Journal of Biological Chemistry, 2005, 280, 18163-18170.	3.4	36
99	Altered Growth in Male Peroxisome Proliferator-Activated Receptor Î³ (PPARÎ³) Heterozygous Mice: Involvement of PPARÎ³ in a Negative Feedback Regulation of Growth Hormone Action. Molecular Endocrinology, 2004, 18, 2363-2377.	3.7	35
100	ANGPTL4 is produced by entero-endocrine cells in the human intestinal tract. Histochemistry and Cell Biology, 2014, 141, 383-391.	1.7	34
101	PPARs and Tumor Microenvironment: The Emerging Roles of the Metabolic Master Regulators in Tumor Stromalâ€“Epithelial Crosstalk and Carcinogenesis. Cancers, 2021, 13, 2153.	3.7	34
102	Peroxisome Proliferator-Activated Receptor (PPAR)-?? as a Target for Wound Healing Drugs. American Journal of Clinical Dermatology, 2003, 4, 523-530.	6.7	33
103	Angiopoietin-Like 4 Regulates Epidermal Differentiation. PLoS ONE, 2011, 6, e25377.	2.5	33
104	Delivery of doxorubicin and paclitaxel from double-layered microparticles: The effects of layer thickness and dual-drug vs. single-drug loading. Acta Biomaterialia, 2015, 27, 53-65.	8.3	32
105	Validation of serum progesterone <35nmol/L as a predictor of miscarriage among women with threatened miscarriage. BMC Pregnancy and Childbirth, 2017, 17, 78.	2.4	32
106	Fabrication and Drug Release Study of Double-Layered Microparticles of Various Sizes. Journal of Pharmaceutical Sciences, 2012, 101, 2787-2797.	3.3	31
107	Migration and Phenotype Control of Human Dermal Fibroblasts by Electrospun Fibrous Substrates. Advanced Healthcare Materials, 2019, 8, e1801378.	7.6	31
108	Mechanoregulation of Cancer-Associated Fibroblast Phenotype in Three-Dimensional Interpenetrating Hydrogel Networks. Langmuir, 2019, 35, 7487-7495.	3.5	31

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109	Angiopoietin-like 4 Mediates Colonic Inflammation by Regulating Chemokine Transcript Stability via Tristetraprolin. Scientific Reports, 2017, 7, 44351.	3.3	30
110	Epithelial-mesenchymal transition of cancer cells using bioengineered hybrid scaffold composed of hydrogel/3D-fibrous framework. Scientific Reports, 2019, 9, 8997.	3.3	30
111	Collaborative Regulation of LRG1 by TGF-Î²1 and PPAR-Î²/Î´ Modulates Chronic Pressure Overloadâ€“Induced Cardiac Fibrosis. Circulation: Heart Failure, 2019, 12, e005962.	3.9	29
112	Cutting Edge: Synchronization of IRF1, JunB, and C/EBPÎ² Activities during TLR3â€“TLR7 Cross-Talk Orchestrates Timely Cytokine Synergy in the Proinflammatory Response. Journal of Immunology, 2015, 195, 801-805.	0.8	28
113	Selective deletion of PPARÎ²/Î´ in fibroblasts causes dermal fibrosis by attenuated LRG1 expression. Cell Discovery, 2018, 4, 15.	6.7	28
114	TAK1 regulates SCF expression to modulate PKBÎ± activity that protects keratinocytes from ROS-induced apoptosis. Cell Death and Differentiation, 2011, 18, 1120-1129.	11.2	27
115	Endothelial cell thrombogenicity is reduced by ATRP-mediated grafting of gelatin onto PCL surfaces. Journal of Materials Chemistry B, 2014, 2, 485-493.	5.8	27
116	How can we better predict the risk of spontaneous miscarriage among women experiencing threatened miscarriage?. Gynecological Endocrinology, 2015, 31, 647-651.	1.7	27
117	Nox4-dependent ROS modulation by amino endoperoxides to induce apoptosis in cancer cells. Cell Death and Disease, 2013, 4, e552-e552.	6.3	26
118	Studying Wound Repair in the Mouse. Current Protocols in Mouse Biology, 2013, 3, 171-185.	1.2	26
119	Comparative study of adipose-derived stem cells and bone marrow-derived stem cells in similar microenvironmental conditions. Experimental Cell Research, 2016, 348, 155-164.	2.6	25
120	Modular Arrangement and Secretion of a Multidomain Serine Protease. Journal of Biological Chemistry, 2002, 277, 36363-36372.	3.4	23
121	Myostatin-null mice exhibit delayed skin wound healing through the blockade of transforming growth factor-Î² signaling by decorin. American Journal of Physiology - Cell Physiology, 2012, 302, C1213-C1225.	4.6	23
122	Imparting electroactivity to polycaprolactone fibers with heparin-doped polypyrrole: Modulation of hemocompatibility and inflammatory responses. Acta Biomaterialia, 2015, 23, 240-249.	8.3	23
123	Interpenetrating Network of Alginateâ€“Human Adipose Extracellular Matrix Hydrogel for Islet Cells Encapsulation. Macromolecular Rapid Communications, 2020, 41, e2000275.	3.9	23
124	Inhibition of 3â€D Tumor Spheroids by Timedâ€Released Hydrophilic and Hydrophobic Drugs from Multilayered Polymeric Microparticles. Small, 2014, 10, 3986-3996.	10.0	22
125	A Periosteumâ€Inspired 3D Hydrogelâ€Bioceramic Composite for Enhanced Bone Regeneration. Macromolecular Bioscience, 2016, 16, 276-287.	4.1	22
126	Feeding Angptl4â^'/â^' mice trans fat promotes foam cell formation in mesenteric lymph nodes without leading to ascites. Journal of Lipid Research, 2017, 58, 1100-1113.	4.2	22

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127	Controlled-release nanoencapsulating microcapsules to combat inflammatory diseases. Drug Design, Development and Therapy, 2017, Volume 11, 1707-1717.	4.3	22
128	Promoter Rearrangements Cause Species-specific Hepatic Regulation of the Glyoxylate Reductase/Hydroxypyruvate Reductase Gene by the Peroxisome Proliferator-activated Receptor Î±. Journal of Biological Chemistry, 2005, 280, 24143-24152.	3.4	21
129	Regulation of Cell Proliferation and Migration by TAK1 via Transcriptional Control of von Hippel-Lindau Tumor Suppressor. Journal of Biological Chemistry, 2009, 284, 18047-18058.	3.4	21
130	Angiopoietin-like 4 induces a Î²-catenin-mediated upregulation of ID3 in fibroblasts to reduce scar collagen expression. Scientific Reports, 2017, 7, 6303.	3.3	21
131	Engineering a novel secretion signal for cross-host recombinant protein expression. Protein Engineering, Design and Selection, 2002, 15, 337-345.	2.1	20
132	Potentâ€Byâ€Design: Amino Acids Mimicking Porous Nanotherapeutics with Intrinsic Anticancer Targeting Properties. Small, 2020, 16, e2003757.	10.0	20
133	Characterisation of serum progesterone and progesterone-induced blocking factor (PIBF) levels across trimesters in healthy pregnant women. Scientific Reports, 2020, 10, 3840.	3.3	20
134	Bioinspired short peptide hydrogel for versatile encapsulation and controlled release of growth factor therapeutics. Acta Biomaterialia, 2021, 136, 111-123.	8.3	20
135	Multiâ€Drugâ€Loaded Microcapsules with Controlled Release for Management of Parkinson's Disease. Small, 2016, 12, 3712-3722.	10.0	19
136	Conditional knock out of N-WASP in keratinocytes causes skin barrier defects and atopic dermatitis-like inflammation. Scientific Reports, 2017, 7, 7311.	3.3	19
137	Antibody Treatment against Angiopoietin-Like 4 Reduces Pulmonary Edema and Injury in Secondary Pneumococcal Pneumonia. MBio, 2019, 10, .	4.1	19
138	GREB1: An evolutionarily conserved protein with a glycosyltransferase domain links ERÎ± glycosylation and stability to cancer. Science Advances, 2021, 7, .	10.3	19
139	A 3D physio-mimetic interpenetrating network-based platform to decode the pro and anti-tumorigenic properties of cancer-associated fibroblasts. Acta Biomaterialia, 2021, 132, 448-460.	8.3	19
140	An Approach to the Efficient Syntheses of Chiral Phosphinoâ€•Carboxylic Acid Esters. Advanced Synthesis and Catalysis, 2015, 357, 3297-3302.	4.3	18
141	Nuclear receptor peroxisome proliferator activated receptor (PPAR) Î²/Î´ in skin wound healing and cancer. European Journal of Dermatology, 2015, 25, 4-11.	0.6	18
142	Highly selective anti-cancer properties of ester functionalized enantiopure dinuclear gold(I)-diphosphine. European Journal of Medicinal Chemistry, 2015, 98, 250-255.	5.5	17
143	Comparative Study of Adipose-Derived Stem Cells From Abdomen and Breast. Annals of Plastic Surgery, 2016, 76, 569-575.	0.9	17
144	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. Environmental Science & Technology, 2020, 54, 10722-10734.	10.0	16

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145	Surface modification of PVDF using non-mammalian sources of collagen for enhancement of endothelial cell functionality. Journal of Materials Science: Materials in Medicine, 2016, 27, 45.	3.6	15
146	Targeting metabolic flexibility via angiopoietin-like 4 protein sensitizes metastatic cancer cells to chemotherapy drugs. Molecular Cancer, 2018, 17, 152.	19.2	15
147	ANGPTL 4 exacerbates pancreatitis by augmenting acinar cell injury through upregulation of C5a. EMBO Molecular Medicine, 2020, 12, e11222.	6.9	15
148	Destabilization of Î² Cell FIT2 by saturated fatty acids alter lipid droplet numbers and contribute to ER stress and diabetes. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2113074119.	7.1	15
149	ROS release by PPARÎ²/Î´-null fibroblasts reduces tumor load through epithelial antioxidant response. Oncogene, 2018, 37, 2067-2078.	5.9	14
150	Bioactivated protein-based porous microcarriers for tissue engineering applications. Journal of Materials Chemistry B, 2014, 2, 7795-7803.	5.8	13
151	Mobilization efficiency is critically regulated by fat via marrow PPARÎ´. Haematologica, 2021, 106, 1671-1683.	3.5	13
152	Synergistic effects of nuclear factors - GATA, VBP and ER in potentiating vitellogenin gene transcription. FEBS Letters, 1999, 459, 57-63.	2.8	11
153	The emerging role of N rf2 in dermatotoxicology. EMBO Molecular Medicine, 2014, 6, 431-433.	6.9	11
154	Downregulation of oncogenic RAS and c-Myc expression in MOLT-4 leukaemia cells by a salicylaldehyde semicarbazone copper(II) complex. Scientific Reports, 2016, 6, 36868.	3.3	11
155	ANGPTL4 T266M variant is associated with reduced cancer invasiveness. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 1525-1536.	4.1	11
156	Nuclear Hormone Receptors and Mouse Skin Homeostasis: Implication of PPARÎ². Hormone Research in Paediatrics, 2000, 54, 263-268.	1.8	10
157	Spontaneous miscarriage in first trimester pregnancy is associated with altered urinary metabolite profile. BBA Clinical, 2017, 8, 48-55.	4.1	10
158	Deficiency in fibroblast PPARÎ²/Î´ reduces nonmelanoma skin cancers in mice. Cell Death and Differentiation, 2020, 27, 2668-2680.	11.2	10
159	PPARÎ²/Î´ Agonism Upregulates Forkhead Box A2 to Reduce Inflammation in C2C12 Myoblasts and in Skeletal Muscle. International Journal of Molecular Sciences, 2020, 21, 1747.	4.1	10
160	Gestational age-specific normative values and determinants of serum progesterone through the first trimester of pregnancy. Scientific Reports, 2021, 11, 4161.	3.3	10
161	Single-cell analysis of skin immune cells reveals an Angptl4-ifi20b axis that regulates monocyte differentiation during wound healing. Cell Death and Disease, 2022, 13, 180.	6.3	10
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