

Henry Yu

List of Publications by Year in descending order

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319
papers

12,537
citations

25034

57
h-index

40979

93
g-index

338
all docs

338
docs citations

338
times ranked

17222
citing authors

#	ARTICLE	IF	CITATIONS
1	Presynaptic GABAB receptors differentially modulate GABA release from cholecystokinin and parvalbumin interneurons onto CA1 pyramidal neurons: A cell type-specific labeling and activating study. <i>Neuroscience Letters</i> , 2022, 772, 136448.	2.1	3
2	Local contractions regulate E-cadherin rigidity sensing. <i>Science Advances</i> , 2022, 8, eabk0387.	10.3	11
3	Shape- ϵ Anisotropic Microembolics Generated by Microfluidic Synthesis for Transarterial Embolization Treatment. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102281.	7.6	5
4	A warm-start digital CRISPR/Cas-based method for the quantitative detection of nucleic acids. <i>Analytica Chimica Acta</i> , 2022, 1196, 339494.	5.4	18
5	Shape memory micro-anchors with magnetic guidance for precision micro-vascular deployment. <i>Biomaterials</i> , 2022, 283, 121426.	11.4	6
6	Functional composite microbeads for cell-based meat culture: effect of animal gelatin coating on cell proliferation and differentiation. <i>Journal Physics D: Applied Physics</i> , 2022, 55, 345401.	2.8	6
7	Ginsenoside Rb1 inhibits oxidative stress-induced ovarian granulosa cell injury through Akt-FoxO1 interaction. <i>Science China Life Sciences</i> , 2022, 65, 2301-2315.	4.9	9
8	Deciphering primate retinal aging at single-cell resolution. <i>Protein and Cell</i> , 2021, 12, 889-898.	11.0	26
9	Implementation of Machine Learning-Aided Imaging Analytics for Histopathological Image Diagnosis. , 2021, , 208-221.		0
10	Single-cell transcriptomic atlas of primate cardiopulmonary aging. <i>Cell Research</i> , 2021, 31, 415-432.	12.0	88
11	Reproducibility and robustness of high-throughput S1500+ transcriptomics on primary rat hepatocytes for chemical-induced hepatotoxicity assessment. <i>Current Research in Toxicology</i> , 2021, 2, 282-295.	2.7	3
12	Three-Dimensional Macroporous Sponge for the Culture of Hepatocellular Carcinoma Patient-Derived Xenograft Organoids. <i>SLAS Technology</i> , 2021, 26, 249-254.	1.9	3
13	Low-Dose Aspirin Prevents Kidney Damage in LPS-Induced Preeclampsia by Inhibiting the WNT5A and NF- κ B Signaling Pathways. <i>Frontiers in Endocrinology</i> , 2021, 12, 639592.	3.5	12
14	Modification of polyvinylidene fluoride membrane by silver nanoparticles-graphene oxide hybrid nanosheet for effective membrane biofouling mitigation. <i>Chemosphere</i> , 2021, 268, 129187.	8.2	36
15	Recent Advances in Models of Immune-Mediated Drug-Induced Liver Injury. <i>Frontiers in Toxicology</i> , 2021, 3, 605392.	3.1	13
16	Isolation of Primary Rat Hepatocytes with Multiparameter Perfusion Control. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	3
17	Single-nucleus transcriptomic landscape of primate hippocampal aging. <i>Protein and Cell</i> , 2021, 12, 695-716.	11.0	49
18	Design and Fabrication of the Vertical-Flow Bioreactor for Compaction Hepatocyte Culture in Drug Testing Application. <i>Biosensors</i> , 2021, 11, 160.	4.7	2

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19	Carcinoembryonic antigen as a specific glycoprotein ligand of rBC2LCN lectin on pancreatic ductal adenocarcinoma cells. <i>Cancer Science</i> , 2021, 112, 3722-3731.	3.9	7
20	Digital CRISPR-based method for the rapid detection and absolute quantification of nucleic acids. <i>Biomaterials</i> , 2021, 274, 120876.	11.4	65
21	A scalable and sensitive steatosis chip with long-term perfusion of in situ differentiated HepaRG organoids. <i>Biomaterials</i> , 2021, 275, 120904.	11.4	23
22	Hydrogel-based colorectal cancer organoid co-culture models. <i>Acta Biomaterialia</i> , 2021, 132, 461-472.	8.3	72
23	Artificial intelligence-enhanced white-light colonoscopy with attention guidance predicts colorectal cancer invasion depth. <i>Gastrointestinal Endoscopy</i> , 2021, 94, 627-638.e1.	1.0	26
24	Decomartmentalisation as a simple color manipulation of plant-based marbling meat alternatives. <i>Biomaterials</i> , 2021, 277, 121107.	11.4	23
25	Effects of radical cystectomy, radiotherapy, and chemotherapy on the risk of long-term heart-specific death in bladder cancer patients. <i>Translational Andrology and Urology</i> , 2021, 10, 3826-3836.	1.4	3
26	Visualization and Evaluation of Chemoembolization on a 3D Decellularized Organ Scaffold. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 5642-5653.	5.2	6
27	IFP35 as a promising biomarker and therapeutic target for the syndromes induced by SARS-CoV-2 or influenza virus. <i>Cell Reports</i> , 2021, 37, 110126.	6.4	14
28	Rescue of premature aging defects in Cockayne syndrome stem cells by CRISPR/Cas9-mediated gene correction. <i>Protein and Cell</i> , 2020, 11, 1-22.	11.0	54
29	Cost-effective robust synthesis of methacrylic cellulosic sponge for organoid culture. <i>Cellulose</i> , 2020, 27, 171-184.	4.9	1
30	Long noncoding RNA <i>TUG1</i> contributes to cerebral ischaemia/reperfusion injury by sponging miR-145 to upregulate <i>AQP4</i> expression. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 250-259.	3.6	44
31	Protein Lysine Acetylation in Ovarian Granulosa Cells Affects Metabolic Homeostasis and Clinical Presentations of Women With Polycystic Ovary Syndrome. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 567028.	3.7	23
32	Bile canaliculi contract autonomously by releasing calcium into hepatocytes via mechanosensitive calcium channel. <i>Biomaterials</i> , 2020, 259, 120283.	11.4	8
33	Aberrant spliceosome expression and altered alternative splicing events correlate with maturation deficiency in human oocytes. <i>Cell Cycle</i> , 2020, 19, 2182-2194.	2.6	19
34	Inhibition of Apoptosis Reduces Diploidization of Haploid Mouse Embryonic Stem Cells during Differentiation. <i>Stem Cell Reports</i> , 2020, 15, 185-197.	4.8	20
35	Generation of Artificial Gamete and Embryo From Stem Cells in Reproductive Medicine. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 781.	4.1	14
36	SUN-715 IIM May Influence Matured Oocytes' DNA Methylation of PCOS Patients. <i>Journal of the Endocrine Society</i> , 2020, 4, .	0.2	0

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37	Lectin drug conjugate therapy for colorectal cancer. <i>Cancer Science</i> , 2020, 111, 4548-4557.	3.9	11
38	Functional Stem Cell Sorting via Integrative Droplet Synchronization. <i>Analytical Chemistry</i> , 2020, 92, 7915-7923.	6.5	8
39	A vascular-liver chip for sensitive detection of nutraceutical metabolites from human pluripotent stem cell derivatives. <i>Biomicrofluidics</i> , 2020, 14, 034108.	2.4	12
40	Long non-coding RNA MINCR aggravates colon cancer via regulating miR-708-5p-mediated Wnt/ β -catenin pathway. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110292.	5.6	30
41	Tethered primary hepatocyte spheroids on polystyrene multi-well plates for high-throughput drug safety testing. <i>Scientific Reports</i> , 2020, 10, 4768.	3.3	9
42	Comparison of electrolyte and glucose levels measured by a blood gas analyzer and an automated biochemistry analyzer among hospitalized patients. <i>Journal of Clinical Laboratory Analysis</i> , 2020, 34, e23291.	2.1	5
43	Decellularized liver as a translucent ex vivo model for vascular embolization evaluation. <i>Biomaterials</i> , 2020, 240, 119855.	11.4	28
44	Transcriptomic and open chromatin atlas of high-resolution anatomical regions in the rhesus macaque brain. <i>Nature Communications</i> , 2020, 11, 474.	12.8	32
45	Single-Cell Transcriptomic Atlas of Primate Ovarian Aging. <i>Cell</i> , 2020, 180, 585-600.e19.	28.9	306
46	Principles of bioreactor design for tissue engineering. , 2020, , 179-203.		4
47	Biomimetic niches reveal the minimal cues to trigger apical lumen formation in single hepatocytes. <i>Nature Materials</i> , 2020, 19, 1026-1035.	27.5	26
48	IL-13-driven alterations in hepatic cholesterol handling contributes to hypercholesterolemia in a rat model of minimal change disease. <i>Clinical Science</i> , 2020, 134, 225-237.	4.3	9
49	Expression of recombinant <i>Schistosoma japonicum</i> protein rSjE16 and its effects on LX-2 cells in vitro. <i>Journal of International Medical Research</i> , 2020, 48, 030006052097222.	1.0	0
50	Novel Pancreatic Cancer Therapy Targeting Cell Surface Glycans by Liposomes Modified with rBC2LCN Lectin. <i>European Surgical Research</i> , 2020, 61, 113-122.	1.3	2
51	SIRT4 Regulates Lysine Malonylation in Ovarian Granulosa Cells. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
52	PS-199-sqFibrosis: A robust liver fibrosis scoring system for artificial intelligence telepathology. <i>Journal of Hepatology</i> , 2019, 70, e133.	3.7	0
53	Studying nucleic envelope and plasma membrane mechanics of eukaryotic cells using confocal reflectance interferometric microscopy. <i>Nature Communications</i> , 2019, 10, 3652.	12.8	20
54	Mitochondrial 3243Aâ€”G mutation confers pro-atherogenic and pro-inflammatory properties in MELAS iPS derived endothelial cells. <i>Cell Death and Disease</i> , 2019, 10, 802.	6.3	23

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55	Sequential drug delivery for liver diseases. <i>Advanced Drug Delivery Reviews</i> , 2019, 149-150, 72-84.	13.7	7
56	Novel contrast media based on the liquid metal gallium for in vivo digestive tract radiography: a feasibility study. <i>BioMetals</i> , 2019, 32, 795-801.	4.1	14
57	Self-assembling amyloid-like peptides as exogenous second harmonic probes for bioimaging applications. <i>Journal of Biophotonics</i> , 2019, 12, e201900065.	2.3	18
58	Hepatic spheroids used as an in vitro model to study malaria relapse. <i>Biomaterials</i> , 2019, 216, 119221.	11.4	48
59	rSYB1 inhibits collagen type I protein expression in hepatic stellate cells via down-regulating activity of collagen ± 1 (I) promoter. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 3676-3682.	3.6	3
60	Cleavable cellulosic sponge for functional hepatic cell culture and retrieval. <i>Biomaterials</i> , 2019, 201, 16-32.	11.4	10
61	Anatomy and Physiology for Biomaterials Research and Development. , 2019, , 225-236.		8
62	Bile Canaliculi Contractility Is Regulated by Canalicular Pressure Sensing via PIEZO1. <i>Biophysical Journal</i> , 2019, 116, 376a-377a.	0.5	0
63	Depression Affects Intrinsic Brain Activity in Patients With Mild Cognitive Impairment. <i>Frontiers in Neuroscience</i> , 2019, 13, 1333.	2.8	37
64	Human germline editing: Insights to future clinical treatment of diseases. <i>Protein and Cell</i> , 2019, 10, 470-475.	11.0	3
65	Generation of mature kupffer cells from human induced pluripotent stem cells. <i>Biomaterials</i> , 2019, 192, 377-391.	11.4	64
66	Joint effects of uric acid and lymphocyte count on adverse outcomes in elderly patients with rheumatic heart disease undergoing valve replacement surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 420-427.e1.	0.8	5
67	Derivation of Haploid Trophoblast Stem Cells via Conversion In Vitro. <i>IScience</i> , 2019, 11, 508-518.	4.1	24
68	Schistosoma japonicum soluble egg antigen inhibits TNF- α -induced IL-34 expression in hepatic stellate cells. <i>Parasitology Research</i> , 2019, 118, 551-557.	1.6	9
69	Precise Personalized Medicine in Gynecology Cancer and Infertility. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 382.	3.7	15
70	Bioinformatics analysis of gene expression alterations conferring drug resistance in tumor samples from melanoma patients with EGFR-activating BRAF mutations. <i>Oncology Letters</i> , 2018, 15, 635-641.	1.8	7
71	Poly(ADP-ribose) mediates asymmetric division of mouse oocyte. <i>Cell Research</i> , 2018, 28, 462-475.	12.0	32
72	Derivation of Haploid Neural Stem Cell Lines by Selection for a Pax6-GFP Reporter. <i>Stem Cells and Development</i> , 2018, 27, 479-487.	2.1	12

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73	Directed Differentiation of Adult Liver Derived Mesenchymal Like Stem Cells into Functional Hepatocytes. <i>Scientific Reports</i> , 2018, 8, 2818.	3.3	16
74	TGF β 1-mediated suppression of cytochrome P450(CYP) induction responses in rat hepatocyte-fibroblast co-cultures. <i>Toxicology in Vitro</i> , 2018, 50, 47-53.	2.4	4
75	Targeted elimination of mutant mitochondrial DNA in MELAS-iPSCs by mitoTALENs. <i>Protein and Cell</i> , 2018, 9, 283-297.	11.0	96
76	Generation of matched patient-derived xenograft in vitro-in vivo models using 3D macroporous hydrogels for the study of liver cancer. <i>Biomaterials</i> , 2018, 159, 229-240.	11.4	56
77	Datasets describing the growth and molecular features of hepatocellular carcinoma patient-derived xenograft cells grown in a three-dimensional macroporous hydrogel. <i>Data in Brief</i> , 2018, 18, 594-606.	1.0	3
78	CRISPR/Cas9-edited Pax6-GFP reporter system facilitates the generation of mouse neural progenitor cells during differentiation. <i>Journal of Genetics and Genomics</i> , 2018, 45, 277-280.	3.9	4
79	Effect of Small Nb doping Amount on the Performance of BaCoO ₃ -based Perovskite as Bifunctional Oxygen Catalysts. <i>ChemistrySelect</i> , 2018, 3, 12424-12429.	1.5	9
80	Overall Blastocyst Quality, Trophectoderm Grade, and Inner Cell Mass Grade Predict Pregnancy Outcome in Euploid Blastocyst Transfer Cycles. <i>Chinese Medical Journal</i> , 2018, 131, 1261-1267.	2.3	57
81	Improved <i>Macaca fascicularis</i> gene annotation reveals evolution of gene expression profiles in multiple tissues. <i>BMC Genomics</i> , 2018, 19, 787.	2.8	5
82	Metabolic Remodeling during Liver Regeneration. <i>Developmental Cell</i> , 2018, 47, 425-438.e5.	7.0	86
83	Deep learning enables automated scoring of liver fibrosis stages. <i>Scientific Reports</i> , 2018, 8, 16016.	3.3	81
84	Type 2 Diabetes Promotes Cell Centrosome Amplification via AKT-ROS-Dependent Signalling of ROCK1 and 14-3-3 β . <i>Cellular Physiology and Biochemistry</i> , 2018, 47, 356-367.	1.6	20
85	Genetic screening and multipotency in rhesus monkey haploid neural progenitor cells. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	18
86	A genetically engineered <i>Escherichia coli</i> that senses and degrades tetracycline antibiotic residue. <i>Synthetic and Systems Biotechnology</i> , 2018, 3, 196-203.	3.7	4
87	Constrained spheroids/organoids in perfusion culture. <i>Methods in Cell Biology</i> , 2018, 146, 43-65.	1.1	6
88	PTEN-L is a novel protein phosphatase for ubiquitin dephosphorylation to inhibit PINK1-mediated Parkin-mediated mitophagy. <i>Cell Research</i> , 2018, 28, 787-802.	12.0	124
89	Influence of Calcination Temperature on Activity and Selectivity of Ni-CeO ₂ and Ni-Ce _{0.8} Zr _{0.2} O ₂ Catalysts for CO ₂ Methanation. <i>Topics in Catalysis</i> , 2018, 61, 1514-1527.	2.8	45
90	A 3D Microfluidic Model to Recapitulate Cancer Cell Migration and Invasion. <i>Bioengineering</i> , 2018, 5, 29.	3.5	39

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91	Extractive from <i>Hypericum ascyron</i> L promotes serotonergic neuronal differentiation in vitro. <i>Stem Cell Research</i> , 2018, 31, 42-50.	0.7	7
92	DNA methylation reprogramming of functional elements during mammalian embryonic development. <i>Cell Discovery</i> , 2018, 4, 41.	6.7	51
93	Understanding the Effect of Germanium as an Efficient Auxiliary Pre-dopant in Carbon Nanotubes on Enhancing Oxygen Reduction Reaction. <i>Energy Technology</i> , 2018, 6, 2387-2393.	3.8	5
94	Fluorescent probes for nanoscopy: four categories and multiple possibilities. <i>Journal of Biophotonics</i> , 2017, 10, 11-23.	2.3	28
95	Visualization of aging-associated chromatin alterations with an engineered TALE system. <i>Cell Research</i> , 2017, 27, 483-504.	12.0	51
96	Patient-specific hepatocyte-like cells derived from induced pluripotent stem cells model pazopanib-mediated hepatotoxicity. <i>Scientific Reports</i> , 2017, 7, 41238.	3.3	47
97	miR-4775 promotes colorectal cancer invasion and metastasis via the Smad7/TGF β 2-mediated epithelial to mesenchymal transition. <i>Molecular Cancer</i> , 2017, 16, 12.	19.2	64
98	25-Hydroxyvitamin D3 induces osteogenic differentiation of human mesenchymal stem cells. <i>Scientific Reports</i> , 2017, 7, 42816.	3.3	41
99	Biosynthetic approach to modeling and understanding metalloproteins using unnatural amino acids. <i>Science China Chemistry</i> , 2017, 60, 188-200.	8.2	16
100	Actomyosin contractility drives bile regurgitation as an early response during obstructive cholestasis. <i>Journal of Hepatology</i> , 2017, 66, 1231-1240.	3.7	15
101	CRISPR/Cas9-mediated targeted gene correction in amyotrophic lateral sclerosis patient iPSCs. <i>Protein and Cell</i> , 2017, 8, 365-378.	11.0	93
102	Organs-on-chips: Filtration enabled by differentiation. <i>Nature Biomedical Engineering</i> , 2017, 1, .	22.5	1
103	Development of a classification model for non-alcoholic steatohepatitis (NASH) using confocal Raman micro-spectroscopy. <i>Journal of Biophotonics</i> , 2017, 10, 1703-1713.	2.3	12
104	On chip two-photon metabolic imaging for drug toxicity testing. <i>Biomicrofluidics</i> , 2017, 11, 034108.	2.4	23
105	A pump-free microfluidic 3D perfusion platform for the efficient differentiation of human hepatocyte-like cells. <i>Biotechnology and Bioengineering</i> , 2017, 114, 2360-2370.	3.3	60
106	3D Culture as a Clinically Relevant Model for Personalized Medicine. <i>SLAS Technology</i> , 2017, 22, 245-253.	1.9	50
107	Spraying printing of liquid metal electronics on various clothes to compose wearable functional device. <i>Science China Technological Sciences</i> , 2017, 60, 306-316.	4.0	35
108	miR-181a-5p promotes the progression of gastric cancer via RASSF6-mediated MAPK signalling activation. <i>Cancer Letters</i> , 2017, 389, 11-22.	7.2	88

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109	Genome wide abnormal DNA methylome of human blastocyst in assisted reproductive technology. <i>Journal of Genetics and Genomics</i> , 2017, 44, 475-481.	3.9	30
110	In Vitro Micropatterned Human Pluripotent Stem Cell Test (ÎµP-hPST) for Morphometric-Based Teratogen Screening. <i>Scientific Reports</i> , 2017, 7, 8491.	3.3	21
111	Metabolite availability as a window to view the early embryo microenvironment in vivo. <i>Molecular Reproduction and Development</i> , 2017, 84, 1027-1038.	2.0	15
112	A small molecule activator of SIRT3 promotes deacetylation and activation of manganese superoxide dismutase. <i>Free Radical Biology and Medicine</i> , 2017, 112, 287-297.	2.9	67
113	Mechanosensing in liver regeneration. <i>Seminars in Cell and Developmental Biology</i> , 2017, 71, 153-167.	5.0	46
114	A classification model for non-alcoholic steatohepatitis (NASH) using confocal Raman micro-spectroscopy. , 2017, , .		0
115	A perfusion incubator liver chip for 3D cell culture with application on chronic hepatotoxicity testing. <i>Scientific Reports</i> , 2017, 7, 14528.	3.3	82
116	Effect of circular permutation on the structure and function of type 1 blue copper center in azurin. <i>Protein Science</i> , 2017, 26, 218-226.	7.6	12
117	On Materials for Cardiac Tissue Engineering. <i>Advanced Healthcare Materials</i> , 2017, 6, 1600768.	7.6	15
118	Human Stem Cell-Derived Endothelial-Hepatic Platform for Efficacy Testing of Vascular-Protective Metabolites from Nutraceuticals. <i>Stem Cells Translational Medicine</i> , 2017, 6, 851-863.	3.3	12
119	Epigenetic regulation of an adverse metabolic phenotype in polycystic ovary syndrome: the impact of the leukocyte methylation of PPARGC1A promoter. <i>Fertility and Sterility</i> , 2017, 107, 467-474.e5.	1.0	38
120	Engineering the metal-binding loop at a type 1 copper center by circular permutation. <i>RSC Advances</i> , 2017, 7, 56093-56098.	3.6	3
121	Computational analysis reveals the coupling between bistability and the sign of a feedback loop in a TGF-Î²1 activation model. <i>BMC Systems Biology</i> , 2017, 11, 136.	3.0	7
122	Renal Urotensin II System Plays Roles in the Regulation of Blood Pressure in Dahl Salt-Resistant Rat. <i>International Journal of Hypertension</i> , 2016, 2016, 1-11.	1.3	1
123	Cytochrome P450 induction response in tethered spheroids as a three-dimensional human hepatocyte <i>in vitro</i> model. <i>Journal of Applied Toxicology</i> , 2016, 36, 320-329.	2.8	12
124	MiR-125b regulates endometrial receptivity by targeting MMP26 in women undergoing IVF-ET with elevated progesterone on HCG priming day. <i>Scientific Reports</i> , 2016, 6, 25302.	3.3	28
125	Electrically induced reorganization phenomena of liquid metal film printed on biological skin. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	2.3	4
126	A metabolomics approach to study the dual modulation by characterization of chemical alteration during processing of Gardeniae Fructus using UPLC-ESI-QTOF. <i>Analytical Methods</i> , 2016, 8, 3629-3635.	2.7	4

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127	Functionally Enhanced Human Stem Cell Derived Hepatocytes in Galactosylated Cellulosic Sponges for Hepatotoxicity Testing. <i>Molecular Pharmaceutics</i> , 2016, 13, 1947-1957.	4.6	36
128	A vertical-flow bioreactor array compacts hepatocytes for enhanced polarity and functions. <i>Lab on A Chip</i> , 2016, 16, 3898-3908.	6.0	15
129	Butein and Its Role in Chronic Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2016, 928, 419-433.	1.6	20
130	Substrate Stiffness Modulates the Maturation of Human Pluripotent Stem-Cell-Derived Hepatocytes. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 1649-1657.	5.2	20
131	Aggregation and protein corona formation on gold nanoparticles affect viability and liver functions of primary rat hepatocytes. <i>Nanomedicine</i> , 2016, 11, 2275-2287.	3.3	17
132	Heralding a new paradigm in 3D tumor modeling. <i>Biomaterials</i> , 2016, 108, 197-213.	11.4	127
133	Assessment of growth and metabolism characteristics in offspring of dehydroepiandrosterone-induced polycystic ovary syndrome adults. <i>Reproduction</i> , 2016, 152, 705-714.	2.6	11
134	Quantification of liver fibrosis via second harmonic imaging of the Glisson's capsule from liver surface. <i>Journal of Biophotonics</i> , 2016, 9, 351-363.	2.3	46
135	Kinectin-dependent endoplasmic reticulum transport supports focal complex maturation for chemotaxis in shallow gradients. <i>Journal of Cell Science</i> , 2016, 129, 2660-72.	2.0	5
136	Modeling xeroderma pigmentosum associated neurological pathologies with patients-derived iPSCs. <i>Protein and Cell</i> , 2016, 7, 210-221.	11.0	29
137	Expression of pigment epithelium-derived factor is associated with a good prognosis and is correlated with epithelial-mesenchymal transition-related genes in infiltrating ductal breast carcinoma. <i>Oncology Letters</i> , 2016, 11, 116-124.	1.8	20
138	Constrained spheroids for prolonged hepatocyte culture. <i>Biomaterials</i> , 2016, 80, 106-120.	11.4	28
139	Extracellular matrix scaffolding guides lumen elongation by inducing anisotropic intercellular mechanical tension. <i>Nature Cell Biology</i> , 2016, 18, 311-318.	10.3	67
140	Association of rs5764455 and rs6006473 polymorphisms in PARVB with liver damage of nonalcoholic fatty liver disease in Han Chinese population. <i>Gene</i> , 2016, 575, 270-275.	2.2	11
141	MicroRNA-20a-5p promotes colorectal cancer invasion and metastasis by downregulating Smad4. <i>Oncotarget</i> , 2016, 7, 45199-45213.	1.8	104
142	Modeling patient variability in pazopanib-induced hepatotoxicity with iPSC-derived hepatocyte-like cells. <i>Journal of Clinical Oncology</i> , 2016, 34, 578-578.	1.6	0
143	Flexible Electronics: Fast Fabrication of Flexible Functional Circuits Based on Liquid Metal Dual-Trans Printing (Adv. Mater. 44/2015). <i>Advanced Materials</i> , 2015, 27, 7248-7248.	21.0	5
144	Statistical Approach to Decreasing the Error Rate of Noninvasive Prenatal Aneuploid Detection caused by Maternal Copy Number Variation. <i>Scientific Reports</i> , 2015, 5, 16106.	3.3	15

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145	Fast Fabrication of Flexible Functional Circuits Based on Liquid Metal Dual-Trans Printing. <i>Advanced Materials</i> , 2015, 27, 7109-7116.	21.0	246
146	Multiple C ₂ domains transmembrane protein 1 is expressed in CNS neurons and possibly regulates cellular vesicle retrieval and oxidative stress. <i>Journal of Neurochemistry</i> , 2015, 135, 492-507.	3.9	16
147	Secernin-1 Contributes to Colon Cancer Progression through Enhancing Matrix Metalloproteinase-2/9 Exocytosis. <i>Disease Markers</i> , 2015, 2015, 1-12.	1.3	13
148	A method for human teratogen detection by geometrically confined cell differentiation and migration. <i>Scientific Reports</i> , 2015, 5, 10038.	3.3	29
149	Rho GDIalpha Modulates Rabbit Trophoblast Stem Cell Survival and Migration1. <i>Biology of Reproduction</i> , 2015, 93, 144.	2.7	3
150	Second harmonic generation microscopy is a novel technique for differential diagnosis of breast fibroepithelial lesions. <i>Journal of Clinical Pathology</i> , 2015, 68, 1033-1035.	2.0	13
151	Modulation of integrin and E-cadherin-mediated adhesions to spatially control heterogeneity in human pluripotent stem cell differentiation. <i>Biomaterials</i> , 2015, 50, 87-97.	11.4	44
152	HepaRG culture in tethered spheroids as an <i>in vitro</i> three-dimensional model for drug safety screening. <i>Journal of Applied Toxicology</i> , 2015, 35, 909-917.	2.8	44
153	Differential remodeling of extracellular matrices by breast cancer initiating cells. <i>Journal of Biophotonics</i> , 2015, 8, 804-815.	2.3	9
154	Cell patterning using a dielectrophoretic-hydrodynamic trap. <i>Microfluidics and Nanofluidics</i> , 2015, 19, 363-373.	2.2	20
155	Cost-effective differentiation of hepatocyte-like cells from human pluripotent stem cells using small molecules. <i>Biomaterials</i> , 2015, 70, 115-125.	11.4	62
156	Ascorbic acid improves pluripotency of human parthenogenetic embryonic stem cells through modifying imprinted gene expression in the Dlk1-Dio3 region. <i>Stem Cell Research and Therapy</i> , 2015, 6, 69.	5.5	6
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