

Yu Huang

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.

544
papers

23,231
citations

78
h-index

125
g-index

582
ext. papers

26,684
ext. citations

7.2
avg, IF

7.06
L-index

#	Paper	IF	Citations
544	Endothelial PPAR α facilitates the post-ischemic vascular repair through interaction with HIF1 β . <i>Theranostics</i> , 2022 , 12, 1855-1869	12.1	1
543	Endothelial shear stress signal transduction and atherogenesis: From mechanisms to therapeutics.. <i>Pharmacology & Therapeutics</i> , 2022 , 108152	13.9	4
542	TGF- β induced deficiency of linc00261 promotes epithelial-mesenchymal-transition and stemness of hepatocellular carcinoma via modulating SMAD3.. <i>Journal of Translational Medicine</i> , 2022 , 20, 75	8.5	0
541	Myogenic Vasoconstriction Requires Canonical G Signaling of the Angiotensin II Type 1 Receptor.. <i>Journal of the American Heart Association</i> , 2022 , 11, e022070	6	0
540	Endothelial dysfunction after androgen deprivation therapy and the possible underlying mechanisms. <i>Prostate</i> , 2022 , 82, 13-25	4.2	2
539	-Test or Agar Dilution for Metronidazole Susceptibility Testing of : Importance of the Prevalence of Metronidazole Resistance.. <i>Frontiers in Microbiology</i> , 2022 , 13, 801537	5.7	0
538	Plaque-Targeted Rapamycin Spherical Nucleic Acids for Synergistic Atherosclerosis Treatment.. <i>Advanced Science</i> , 2022 , e2105875	13.6	2
537	Follistatin-like 1 (FSTL1) interacts with Wnt ligands and Frizzled receptors to enhance Wnt/ β -catenin signaling in obstructed kidneys in vivo.. <i>Journal of Biological Chemistry</i> , 2022 , 102010	5.4	1
536	Transferrin-Enabled Blood-Brain Barrier Crossing Manganese-Based Nanozyme for Rebalancing the Reactive Oxygen Species Level in Ischemic Stroke. <i>Pharmaceutics</i> , 2022 , 14, 1122	6.4	1
535	Muscle satellite cells are impaired in type 2 diabetic mice by elevated extracellular adenosine. <i>Cell Reports</i> , 2022 , 39, 110884	10.6	1
534	Loss of myeloid Bmal1 exacerbates hypertensive vascular remodelling through interaction with STAT6 in mice. <i>Cardiovascular Research</i> , 2021 ,	9.9	1
533	Approaching the intrinsic exciton physics limit in two-dimensional semiconductor diodes. <i>Nature</i> , 2021 , 599, 404-410	50.4	7
532	Age is the only predictor for upper gastrointestinal malignancy in Chinese patients with uncomplicated dyspepsia: a prospective investigation of endoscopic findings. <i>BMC Gastroenterology</i> , 2021 , 21, 441	3	1
531	LARP7 ameliorates cellular senescence and aging by allosterically enhancing SIRT1 deacetylase activity. <i>Cell Reports</i> , 2021 , 37, 110038	10.6	1
530	The circular RNA circSLC7A11 functions as a mir-330-3p sponge to accelerate hepatocellular carcinoma progression by regulating cyclin-dependent kinase 1 expression. <i>Cancer Cell International</i> , 2021 , 21, 636	6.4	1
529	Salvianolic acid B ameliorates vascular endothelial dysfunction through influencing a bone morphogenetic protein 4-ROS cycle in diabetic mice. <i>Life Sciences</i> , 2021 , 286, 120039	6.8	1
528	A high methionine and low folate diet alters glucose homeostasis and gut microbiome. <i>Biochemistry and Biophysics Reports</i> , 2021 , 25, 100921	2.2	1

527	Effect of sedentary behavior interventions on vascular function in adults: A systematic review and meta-analysis. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021 , 31, 1395-1410	4.6	3
526	Toward Rational Design of Single-Atom Catalysts. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 2837-2847	4.7	15
525	Lessons learned from upper gastrointestinal endoscopy in asymptomatic Chinese. <i>Helicobacter</i> , 2021 , 26, e12803	4.9	2
524	Ang II Promotes Cardiac Autophagy and Hypertrophy via Orai1/STIM1. <i>Frontiers in Pharmacology</i> , 2021 , 12, 622774	5.6	5
523	Direct correlation of oxygen adsorption on platinum-electrolyte interfaces with the activity in the oxygen reduction reaction. <i>Science Advances</i> , 2021 , 7,	14.3	11
522	Integrated metabolomics analysis of the effect of PPAR α agonist GW501516 on catabolism of BCAAs and carboxylic acids in diabetic mice. <i>Chinese Chemical Letters</i> , 2021 , 32, 2197-2202	8.1	4
521	Berberine Reverses Nitroglycerin Tolerance through Suppressing Protein Kinase C Alpha Activity in Vascular Smooth Muscle Cells. <i>Cardiovascular Drugs and Therapy</i> , 2021 , 1	3.9	1
520	Roles and Therapeutic Implications of Endoplasmic Reticulum Stress and Oxidative Stress in Cardiovascular Diseases. <i>Antioxidants</i> , 2021 , 10,	7.1	10
519	Interplay Between Oxidative Stress, Cyclooxygenases, and Prostanoids in Cardiovascular Diseases. <i>Antioxidants and Redox Signaling</i> , 2021 , 34, 784-799	8.4	10
518	The Role of Tumor Associated Macrophages in Hepatocellular Carcinoma. <i>Journal of Cancer</i> , 2021 , 12, 1284-1294	4.5	14
517	Preoperative Portal Vein Embolization for Liver Resection: An updated meta-analysis. <i>Journal of Cancer</i> , 2021 , 12, 1770-1778	4.5	1
516	A GLP-1 analog lowers ER stress and enhances protein folding to ameliorate homocysteine-induced endothelial dysfunction. <i>Acta Pharmacologica Sinica</i> , 2021 , 42, 1598-1609	8	5
515	Development of genome-wide polygenic risk scores for lipid traits and clinical applications for dyslipidemia, subclinical atherosclerosis, and diabetes cardiovascular complications among East Asians. <i>Genome Medicine</i> , 2021 , 13, 29	14.4	3
514	Shear Stress and Metabolic Disorders-Two Sides of the Same Plaque. <i>Antioxidants and Redox Signaling</i> , 2021 ,	8.4	1
513	KLF2 Mediates the Suppressive Effect of Laminar Flow on Vascular Calcification by Inhibiting Endothelial BMP/SMAD1/5 Signaling. <i>Circulation Research</i> , 2021 , 129, e87-e100	15.7	7
512	LARP7 Suppresses Endothelial-to-Mesenchymal Transition by Coupling With TRIM28. <i>Circulation Research</i> , 2021 , 129, 843-856	15.7	1
511	Protects against Diabetes-Associated Endothelial Dysfunction: Comparison between Ethanolic Extract and Total Saponin. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 4722797	6.7	1
510	Large-Area Synthesis and Patterning of All-Inorganic Lead Halide Perovskite Thin Films and Heterostructures. <i>Nano Letters</i> , 2021 , 21, 1454-1460	11.5	12

509	Mitochondrial uncoupling protein 1 antagonizes atherosclerosis by blocking NLRP3 inflammasome-dependent interleukin-1 β production. <i>Science Advances</i> , 2021 , 7, eabl4024	14.3	5
508	Susceptibility-guided therapy for Helicobacter pylori-infected penicillin-allergic patients: A prospective clinical trial of first-line and rescue therapies. <i>Helicobacter</i> , 2020 , 25, e12699	4.9	7
507	Application of Derivatization in Fatty Acids and Fatty Acyls Detection: Mass Spectrometry-Based Targeted Lipidomics. <i>Small Methods</i> , 2020 , 4, 2000160	12.8	17
506	Age attenuates the T-type Ca ^{3.2} -RyR axis in vascular smooth muscle. <i>Aging Cell</i> , 2020 , 19, e13134	9.9	11
505	Laminar Flow Protects Vascular Endothelial Tight Junctions and Barrier Function via Maintaining the Expression of Long Non-coding RNA MALAT1. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 647	5.8	8
504	Role of FOXO Transcription Factors in Cancer Metabolism and Angiogenesis. <i>Cells</i> , 2020 , 9,	7.9	14
503	Molecular Design of Single-Atom Catalysts for Oxygen Reduction Reaction. <i>Advanced Energy Materials</i> , 2020 , 10, 1903815	21.8	139
502	Expression of HMGB1 and TLR4 in neuropsychiatric systemic lupus erythematosus patients with seizure disorders. <i>Annals of Translational Medicine</i> , 2020 , 8, 9	3.2	5
501	van der Waals Integrated Devices Based on Nanomembranes of 3D Materials. <i>Nano Letters</i> , 2020 , 20, 1410-1416	11.5	10
500	Sensitive pressure sensors based on conductive microstructured air-gap gates and two-dimensional semiconductor transistors. <i>Nature Electronics</i> , 2020 , 3, 59-69	28.4	69
499	14-Day High-Dose Amoxicillin- and Metronidazole-Containing Triple Therapy With or Without Bismuth as First-Line Helicobacter pylori Treatment. <i>Digestive Diseases and Sciences</i> , 2020 , 65, 3639-3646	2.1	7
498	CD8 T-cell plasticity regulates vascular regeneration in type-2 diabetes. <i>Theranostics</i> , 2020 , 10, 4217-4232	22.1	14
497	Secreted Monocyte miR-27a, via Mesenteric Arterial Mas Receptor-eNOS Pathway, Causes Hypertension. <i>American Journal of Hypertension</i> , 2020 , 33, 31-42	2.3	17
496	Reversine and herbal Xiang-Sha-Liu-Jun-Zi decoction ameliorate thioacetamide-induced hepatic injury by regulating the RelA/NF- κ B/caspase signaling pathway. <i>Open Life Sciences</i> , 2020 , 15, 696-710	1.2	1
495	Compressed Intermetallic PdCu for Enhanced Electrocatalysis. <i>ACS Energy Letters</i> , 2020 , 5, 3672-3680	20.1	19
494	GRK4-mediated adiponectin receptor-1 phosphorylative desensitization as a novel mechanism of reduced renal sodium excretion in hypertension. <i>Clinical Science</i> , 2020 , 134, 2453-2467	6.5	5
493	Management and Data Sharing of COVID-19 Pandemic Information. <i>Biopreservation and Biobanking</i> , 2020 , 18, 570-580	2.1	12
492	Genetic correlations between pain phenotypes and depression and neuroticism. <i>European Journal of Human Genetics</i> , 2020 , 28, 358-366	5.3	19

491	Single-molecule optical mapping enables quantitative measurement of D4Z4 repeats in facioscapulohumeral muscular dystrophy (FSHD). <i>Journal of Medical Genetics</i> , 2020 , 57, 109-120	5.8	17
490	Complete laparoscopic cholecystectomy for a duplicated gallbladder: A case report. <i>Medicine (United States)</i> , 2020 , 99, e18363	1.8	3
489	Evolution Pathway from Iron Compounds to Fe(II)-N Sites through Gas-Phase Iron during Pyrolysis. <i>Journal of the American Chemical Society</i> , 2020 , 142, 1417-1423	16.4	107
488	Identification of chemoresistance-related mRNAs based on gemcitabine-resistant pancreatic cancer cell lines. <i>Cancer Medicine</i> , 2020 , 9, 1115-1130	4.8	11
487	Differentiation of chemically induced liver progenitor cells to cholangiocytes: Investigation of the optimal conditions. <i>Journal of Bioscience and Bioengineering</i> , 2020 , 130, 545-552	3.3	4
486	Beyond Extended Surfaces: Understanding the Oxygen Reduction Reaction on Nanocatalysts. <i>Journal of the American Chemical Society</i> , 2020 , 142, 17812-17827	16.4	54
485	Interpretable molecular models for molybdenum disulfide and insight into selective peptide recognition. <i>Chemical Science</i> , 2020 , 11, 8708-8722	9.4	10
484	Up-regulation of FoxO1 contributes to adverse vascular remodelling in type 1 diabetic rats. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 13727-13738	5.6	4
483	Pharmacologically reversible zonation-dependent endothelial cell transcriptomic changes with neurodegenerative disease associations in the aged brain. <i>Nature Communications</i> , 2020 , 11, 4413	17.4	19
482	Robust Flexible Pressure Sensors Made from Conductive Micropyramids for Manipulation Tasks. <i>ACS Nano</i> , 2020 , 14, 12866-12876	16.7	38
481	Deficiency of pseudogene UPAT leads to hepatocellular carcinoma progression and forms a positive feedback loop with ZEB1. <i>Cancer Science</i> , 2020 , 111, 4102-4117	6.9	1
480	Synchronous occurrence of hepatocellular carcinoma and multiple biliary hamartomas mimicking hepatocellular carcinoma with multiple intra-hepatic metastases. <i>Hepatobiliary Surgery and Nutrition</i> , 2020 , 9, 551-554	2.1	
479	Focal TLR4 activation mediates disturbed flow-induced endothelial inflammation. <i>Cardiovascular Research</i> , 2020 , 116, 226-236	9.9	24
478	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	7.2	29
477	Pharmacological basis and new insights of resveratrol action in the cardiovascular system. <i>British Journal of Pharmacology</i> , 2020 , 177, 1258-1277	8.6	43
476	Tubule-Specific Mst1/2 Deficiency Induces CKD YAP and Non-YAP Mechanisms. <i>Journal of the American Society of Nephrology: JASN</i> , 2020 , 31, 946-961	12.7	6
475	Automatic Detection and Classification of Focal Liver Lesions Based on Deep Convolutional Neural Networks: A Preliminary Study. <i>Frontiers in Oncology</i> , 2020 , 10, 581210	5.3	12
474	Excipient-free nanodispersion of 7-ethyl-10-hydroxycamptothecin exerts potent therapeutic effects against pancreatic cancer cell lines and patient-derived xenografts. <i>Cancer Letters</i> , 2019 , 465, 36-44	9.9	3

473	In Situ Probing Molecular Intercalation in Two-Dimensional Layered Semiconductors. <i>Nano Letters</i> , 2019 , 19, 6819-6826	11.5	37
472	Yin Yang 1 protein ameliorates diabetic nephropathy pathology through transcriptional repression of TGF β 1. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	14
471	Van der Waals thin-film electronics. <i>Nature Electronics</i> , 2019 , 2, 378-388	28.4	67
470	Unifying the Hydrogen Evolution and Oxidation Reactions Kinetics in Base by Identifying the Catalytic Roles of Hydroxyl-Water-Cation Adducts. <i>Journal of the American Chemical Society</i> , 2019 , 141, 3232-3239	16.4	119
469	Pt-Based Nanocrystal for Electrocatalytic Oxygen Reduction. <i>Advanced Materials</i> , 2019 , 31, e1808115	24	160
468	Role of HGF for reprogramming human liver progenitor cells: Non-essential but stimulative supplement. <i>Journal of Hepatology</i> , 2019 , 71, 438-439	13.4	1
467	Questionnaire survey on association between preeclampsia and incontinentia pigmenti. <i>Journal of Obstetrics and Gynaecology Research</i> , 2019 , 45, 1363-1370	1.9	
466	Role of Ryanodine Type 2 Receptors in Elementary Ca Signaling in Arteries and Vascular Adaptive Responses. <i>Journal of the American Heart Association</i> , 2019 , 8, e010090	6	17
465	The cyclooxygenase-1/mPGES-1/endothelial prostaglandin EP4 receptor pathway constrains myocardial ischemia-reperfusion injury. <i>Nature Communications</i> , 2019 , 10, 1888	17.4	30
464	Pretreatment with Gemcitabine/5-Fluorouracil Enhances the Cytotoxicity of Trastuzumab to HER2-Negative Human Gallbladder Cancer Cells In Vitro and In Vivo. <i>BioMed Research International</i> , 2019 , 2019, 9205851	3	5
463	RRAD suppresses the Warburg effect by downregulating ACTG1 in hepatocellular carcinoma. <i>OncoTargets and Therapy</i> , 2019 , 12, 1691-1703	4.4	8
462	Exercise Alleviates Obesity-Induced Metabolic Dysfunction via Enhancing FGF21 Sensitivity in Adipose Tissues. <i>Cell Reports</i> , 2019 , 26, 2738-2752.e4	10.6	51
461	Endothelial TFEB (Transcription Factor EB) Restrains IKK ($\text{I}\beta$ Kinase)-p65 Pathway to Attenuate Vascular Inflammation in Diabetic db/db Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 719-730	9.4	26
460	Elevated signature of a gene module coexpressed with CDC20 marks genomic instability in glioma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 6975-6984	11.5	19
459	Regulation of YAP by Mammalian Target of Rapamycin Complex 1 in Endothelial Cells Controls Blood Pressure Through COX-2/mPGES-1/PGE Cascade. <i>Hypertension</i> , 2019 , 74, 936-946	8.5	12
458	PtCuNi Tetrahedra Catalysts with Tailored Surfaces for Efficient Alcohol Oxidation. <i>Nano Letters</i> , 2019 , 19, 5431-5436	11.5	56
457	Nanowire Electronics: From Nanoscale to Macroscale. <i>Chemical Reviews</i> , 2019 , 119, 9074-9135	68.1	105
456	Relation of over-expression to low survival rate in BCRA and reversine-modulated aurora B kinase in breast cancer cell lines. <i>Cancer Cell International</i> , 2019 , 19, 166	6.4	21

455	Single atom electrocatalysts supported on graphene or graphene-like carbons. <i>Chemical Society Reviews</i> , 2019 , 48, 5207-5241	58.5	238
454	Tribute to Paul M. Vanhoutte, MD, PhD (1940-2019). <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 2445-2447	9.4	
453	Endothelial SIRT1 prevents age-induced impairment of vasodilator responses by enhancing the expression and activity of soluble guanylyl cyclase in smooth muscle cells. <i>Cardiovascular Research</i> , 2019 , 115, 678-690	9.9	17
452	Nanoscale Structure Design for High-Performance Pt-Based ORR Catalysts. <i>Advanced Materials</i> , 2019 , 31, e1802234	24	286
451	Progression of diabetic kidney disease and trajectory of kidney function decline in Chinese patients with Type 2 diabetes. <i>Kidney International</i> , 2019 , 95, 178-187	9.9	55
450	Endothelial cell transient receptor potential channel C5 (TRPC5) is essential for endothelium-dependent contraction in mouse carotid arteries. <i>Biochemical Pharmacology</i> , 2019 , 159, 11-24	6	12
449	Long-Range Hierarchical Nanocrystal Assembly Driven by Molecular Structural Transformation. <i>Journal of the American Chemical Society</i> , 2019 , 141, 1498-1505	16.4	14
448	Paeoniflorin improves pressure overload-induced cardiac remodeling by modulating the MAPK signaling pathway in spontaneously hypertensive rats. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 111, 695-704	7.5	25
447	Maximizing the Current Output in Self-Aligned Graphene-InAs-Metal Vertical Transistors. <i>ACS Nano</i> , 2019 , 13, 847-854	16.7	14
446	Effect of pre-exercise ingestion of β -actalbumin on subsequent endurance exercise performance and mood states. <i>British Journal of Nutrition</i> , 2019 , 121, 22-29	3.6	7
445	A Highly Active Star Decahedron Cu Nanocatalyst for Hydrocarbon Production at Low Overpotentials. <i>Advanced Materials</i> , 2019 , 31, e1805405	24	72
444	Promoting the Delivery of Nanoparticles to Atherosclerotic Plaques by DNA Coating. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 13888-13904	9.5	25
443	High-Performance Black Phosphorus Field-Effect Transistors with Long-Term Air Stability. <i>Nano Letters</i> , 2019 , 19, 331-337	11.5	46
442	Resveratrol ameliorates endothelial dysfunction in diabetic and obese mice through sirtuin 1 and peroxisome proliferator-activated receptor α . <i>Pharmacological Research</i> , 2019 , 139, 384-394	10.2	39
441	Differential stem cell aging kinetics in Hutchinson-Gilford progeria syndrome and Werner syndrome. <i>Protein and Cell</i> , 2018 , 9, 333-350	7.2	38
440	The contribution of chronic intermittent hypoxia to OSAHS: From the perspective of serum extracellular microvesicle proteins. <i>Metabolism: Clinical and Experimental</i> , 2018 , 85, 97-108	12.7	14
439	PD-1 blocks lytic granule polarization with concomitant impairment of integrin outside-in signaling in the natural killer cell immunological synapse. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 142, 1311-1321.e8	11.5	11
438	On-Chip in Situ Monitoring of Competitive Interfacial Anionic Chemisorption as a Descriptor for Oxygen Reduction Kinetics. <i>ACS Central Science</i> , 2018 , 4, 590-599	16.8	19

437	RGMB protects against acute kidney injury by inhibiting tubular cell necroptosis via an MLKL-dependent mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E1475-E1484	11.5	45
436	Lethal (3) malignant brain tumor-like 2 (L3MBTL2) protein protects against kidney injury by inhibiting the DNA damage-p53-apoptosis pathway in renal tubular cells. <i>Kidney International</i> , 2018 , 93, 855-870	9.9	12
435	Metabolomics studies on db/db diabetic mice in skeletal muscle reveal effective clearance of overloaded intermediates by exercise. <i>Analytica Chimica Acta</i> , 2018 , 1037, 130-139	6.6	22
434	Transient Receptor Potential Vanilloid 4 Channel Deficiency Aggravates Tubular Damage after Acute Renal Ischaemia Reperfusion. <i>Scientific Reports</i> , 2018 , 8, 4878	4.9	12
433	Inhibition of miR-92a Suppresses Oxidative Stress and Improves Endothelial Function by Upregulating Heme Oxygenase-1 in db/db Mice. <i>Antioxidants and Redox Signaling</i> , 2018 , 28, 358-370	8.4	40
432	Study of insulin vascular sensitivity in aortic rings and endothelial cells from aged rats subjected to caloric restriction: Role of perivascular adipose tissue. <i>Experimental Gerontology</i> , 2018 , 109, 126-136	4.5	8
431	MicroRNAs Regulating Reactive Oxygen Species in Cardiovascular Diseases. <i>Antioxidants and Redox Signaling</i> , 2018 , 29, 1092-1107	8.4	29
430	Circulating Tumor Cell Phenotype Indicates Poor Survival and Recurrence After Surgery for Hepatocellular Carcinoma. <i>Digestive Diseases and Sciences</i> , 2018 , 63, 2373-2380	4	28
429	2D perovskite stabilized phase-pure formamidinium perovskite solar cells. <i>Nature Communications</i> , 2018 , 9, 3021	17.4	407
428	Two-dimensional transistors beyond graphene and TMDCs. <i>Chemical Society Reviews</i> , 2018 , 47, 6388-6409	19.5	193
427	Surface-Engineered PtNi-O Nanostructure with Record-High Performance for Electrocatalytic Hydrogen Evolution Reaction. <i>Journal of the American Chemical Society</i> , 2018 , 140, 9046-9050	16.4	258
426	Uncoupling Protein 2 in Cardiovascular Health and Disease. <i>Frontiers in Physiology</i> , 2018 , 9, 1060	4.6	37
425	Regulatory T Cells Promote Apelin-Mediated Sprouting Angiogenesis in Type 2 Diabetes. <i>Cell Reports</i> , 2018 , 24, 1610-1626	10.6	41
424	Role of Serum Exosomes in Regulating Endothelial Function in Diabetes. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, PO1-2-37	0	
423	Broadband gate-tunable terahertz plasmons in graphene heterostructures. <i>Nature Photonics</i> , 2018 , 12, 22-28	33.9	83
422	Recent Advances in Managing Atherosclerosis via Nanomedicine. <i>Small</i> , 2018 , 14, 1702793	11	60
421	Cranberry anthocyanin as an herbal medicine lowers plasma cholesterol by increasing excretion of fecal sterols. <i>Phytomedicine</i> , 2018 , 38, 98-106	6.5	17
420	TM9SF4 is a novel factor promoting autophagic flux under amino acid starvation. <i>Cell Death and Differentiation</i> , 2018 , 25, 368-379	12.7	13

4 ¹⁹	Building two-dimensional materials one row at a time: Avoiding the nucleation barrier. <i>Science</i> , 2018 , 362, 1135-1139	33.3	105
4 ¹⁸	Non-insulin determinant pathways maintain glucose homeostasis upon metabolic surgery. <i>Cell Discovery</i> , 2018 , 4, 58	22.3	6
4 ¹⁷	Liver-heart crosstalk controls IL-22 activity in cardiac protection after myocardial infarction. <i>Theranostics</i> , 2018 , 8, 4552-4562	12.1	29
4 ¹⁶	A Familial Hypercholesterolemia Human Liver Chimeric Mouse Model Using Induced Pluripotent Stem Cell-derived Hepatocytes. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	2
4 ¹⁵	Exposure to Maternal Diabetes Mellitus Causes Renal Dopamine D Receptor Dysfunction and Hypertension in Adult Rat Offspring. <i>Hypertension</i> , 2018 , 72, 962-970	8.5	11
4 ¹⁴	Perivascular Adipose Tissue: the Sixth Man of the Cardiovascular System. <i>Cardiovascular Drugs and Therapy</i> , 2018 , 32, 481-502	3.9	27
4 ¹³	Understanding Chemical Bonding in Alloys and the Representation in Atomistic Simulations. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 14996-15009	3.8	19
4 ¹²	High Expression of ITGA3 Promotes Proliferation and Cell Cycle Progression and Indicates Poor Prognosis in Intrahepatic Cholangiocarcinoma. <i>BioMed Research International</i> , 2018 , 2018, 2352139	3	15
4 ¹¹	Serum exosomes mediate delivery of arginase 1 as a novel mechanism for endothelial dysfunction in diabetes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E6927-E6936	11.5	64
4 ¹⁰	Molecular ligand modulation of palladium nanocatalysts for highly efficient and robust heterogeneous oxidation of cyclohexenone to phenol. <i>Science Advances</i> , 2017 , 3, e1600615	14.3	18
4 ⁰⁹	The effect of carbohydrate and protein co-ingestion on energy substrate metabolism, sense of effort, and affective responses during prolonged strenuous endurance exercise. <i>Physiology and Behavior</i> , 2017 , 174, 170-177	3.5	9
4 ⁰⁸	Generation of Human Liver Chimeric Mice with Hepatocytes from Familial Hypercholesterolemia Induced Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2017 , 8, 605-618	8	23
4 ⁰⁷	Treatment with salvianolic acid B restores endothelial function in angiotensin II-induced hypertensive mice. <i>Biochemical Pharmacology</i> , 2017 , 136, 76-85	6	24
4 ⁰⁶	The anti-diabetic drug exenatide, a glucagon-like peptide-1 receptor agonist, counteracts hepatocarcinogenesis through cAMP-PKA-EGFR-STAT3 axis. <i>Oncogene</i> , 2017 , 36, 4135-4149	9.2	15
4 ⁰⁵	Myeloid deletion increases monocyte recruitment and worsens atherosclerosis. <i>FASEB Journal</i> , 2017 , 31, 1097-1106	0.9	41
4 ⁰⁴	Molecular spectrum of excision repair cross-complementation group 8 gene defects in Chinese patients with Cockayne syndrome type A. <i>Scientific Reports</i> , 2017 , 7, 13686	4.9	5
4 ⁰³	Long non-coding RNA CASC15 is upregulated in hepatocellular carcinoma and facilitates hepatocarcinogenesis. <i>International Journal of Oncology</i> , 2017 , 51, 1722-1730	4.4	42
4 ⁰²	Identification of potential biomarkers and analysis of prognostic values in head and neck squamous cell carcinoma by bioinformatics analysis. <i>OncoTargets and Therapy</i> , 2017 , 10, 2315-2321	4.4	20

401	Pseudogene PDIA3P1 promotes cell proliferation, migration and invasion, and suppresses apoptosis in hepatocellular carcinoma by regulating the p53 pathway. <i>Cancer Letters</i> , 2017 , 407, 76-83	9.9	44
400	Comprehensive Analysis of Acylcarnitine Species in db/db Mouse Using a Novel Method of High-Resolution Parallel Reaction Monitoring Reveals Widespread Metabolic Dysfunction Induced by Diabetes. <i>Analytical Chemistry</i> , 2017 , 89, 10368-10375	7.8	29
399	Histone Deacetylase Inhibitors Relax Mouse Aorta Partly through Their Inhibitory Action on L-Type Ca Channels. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017 , 363, 211-220	4.7	8
398	Do K 7.1 channels contribute to control of arterial vascular tone?. <i>British Journal of Pharmacology</i> , 2017 , 174, 150-162	8.6	13
397	PPAR β s Required for Exercise to Attenuate Endoplasmic Reticulum Stress and Endothelial Dysfunction in Diabetic Mice. <i>Diabetes</i> , 2017 , 66, 519-528	0.9	46
396	Gastrodin Inhibits Store-Operated Ca Entry and Alleviates Cardiac Hypertrophy. <i>Frontiers in Pharmacology</i> , 2017 , 8, 222	5.6	10
395	Effects of Alpha-Lactalbumin or Whey Protein Isolate on Muscle Damage, Muscle Pain, and Mood States Following Prolonged Strenuous Endurance Exercise. <i>Frontiers in Physiology</i> , 2017 , 8, 754	4.6	8
394	Osteocalcin expressing cells from tendon sheaths in mice contribute to tendon repair by activating Hedgehog signaling. <i>ELife</i> , 2017 , 6,	8.9	26
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- 1 CHAPTER 31. Interaction of Dietary Calcium with Genes of Transporters, Receptors and Enzymes Involved in Cholesterol Metabolism. *Food and Nutritional Components in Focus*, 519-529