Thozhukat Sathyapalan

List of Publications by Year
in descending order

326 papers	7,625 citations	87401 40 h-index	97045 71 g-index
342 all docs	342 docs citations	342 times ranked	10273 citing authors

#	Article	IF	Citations
1	Recent Advances in Lung Cancer Therapy Based on Nanomaterials: A Review. Current Medicinal Chemistry, 2023, 30, 335-355.	1.2	8
2	Probiotics as an Adjuvant for Management of Gastrointestinal Cancers through their Anti-inflammatory Effects: A Mechanistic Review. Current Medicinal Chemistry, 2023, 30, 390-406.	1.2	4
3	Astaxanthin and Nrf2 Signaling Pathway: A Novel Target for New Therapeutic Approaches. Mini-Reviews in Medicinal Chemistry, 2022, 22, 312-321.	1.1	8
4	The predictive role of parathyroid hormone for non-alcoholic fatty liver disease based on invasive and non-invasive findings in candidates of bariatric surgery. Eating and Weight Disorders, 2022, 27, 693-700.	1.2	4
5	Love is in the hair: arginine methylation of human hair proteins as novel cardiovascular biomarkers. Amino Acids, 2022, 54, 591-600.	1.2	7
6	PLGA-Based Curcumin Delivery System: An Interesting Therapeutic Approach in the Treatment of Alzheimerâ€™s Disease. Current Neuropharmacology, 2022, 20, 309-323.	1.4	17
7	Effect of curcumin on Câ€reactive protein as a biomarker of systemic inflammation: An updated metaâ€analysis of randomized controlled trials. Phytotherapy Research, 2022, 36, 85-97.	2.8	19
8	Anti-Proliferative Potential of Fluorinated Curcumin Analogues: Experimental and Computational Analysis and Review of the Literature. Current Medicinal Chemistry, 2022, 29, 1459-1471.	1.2	6
9	Effect of Curcumin on Glycaemic and Lipid Parameters in Polycystic Ovary Syndrome: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Reproductive Sciences, 2022, 29, 3124-3133.	1.1	4
10	The effects of herbal medicines on cancer therapy<scp>â€induced</scp> oral mucositis: A literature review. Phytotherapy Research, 2022, 36, 243-265.	2.8	4
11	Impact of pharmacological interventions on insulin resistance in women with polycystic ovary syndrome: A systematic review and metaâ€analysis of randomized controlled trials. Clinical Endocrinology, 2022, 96, 371-394.	1.2	3
12	Effect of pharmacological interventions on lipid profiles and Câ€reactive protein in polycystic ovary syndrome: A systematic review and metaâ€analysis. Clinical Endocrinology, 2022, 96, 443-459.	1.2	4
13	Impact of pharmacological interventions on anthropometric indices in women with polycystic ovary syndrome: A systematic review and metaâ€analysis of randomized controlled trials. Clinical Endocrinology, 2022, 96, 758-780.	1.2	2
14	Genetic risk for the polycystic ovary syndrome, bone mineral density and fractures in women and men: A UK Biobank Mendelian randomisation study. Bone, 2022, 155, 116285.	1.4	4
15	The effects of phytochemicals and herbal bio-active compounds on tumour necrosis factor-Î± in overweight and obese individuals: a clinical review. Inflammopharmacology, 2022, 30, 91-110.	1.9	6
16	The cardioprotective effects of nanoâ€curcumin against doxorubicinâ€induced cardiotoxicity: A systematic review. BioFactors, 2022, 48, 597-610.	2.6	29
17	Cellular and Molecular Mechanisms of Curcumin in Thyroid Gland Disorders. Current Medicinal Chemistry, 2022, 29, 2878-2890.	1.2	4
18	Cancer stem cells: An overview of the pathophysiological and prognostic roles in colorectal cancer. Process Biochemistry, 2022, 115, 19-29.	1.8	6

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19	The therapeutic potential of regulatory T cells in reducing cardiovascular complications in patients with severe COVID-19. Life Sciences, 2022, 294, 120392.	2.0	3
20	Impacts of Sodium/Glucose Cotransporter-2 Inhibitors on Circulating Uric Acid Concentrations: A Systematic Review and Meta-Analysis. Journal of Diabetes Research, 2022, 2022, 1-17.	1.0	19
21	Diagnostic and Prognostic Protein Biomarkers of Î²-Cell Function in Type 2 Diabetes and Their Modulation with Glucose Normalization. Metabolites, 2022, 12, 196.	1.3	5
22	The Predictive Role of Parathyroid Hormone for Nonalcoholic Fatty Liver Disease following Bariatric Surgery. Journal of Nutrition and Metabolism, 2022, 2022, 1-6.	0.7	1
23	Anticancer Mechanisms of Berberine: A Good Choice for Glioblastoma Multiforme Therapy. Current Medicinal Chemistry, 2022, 29, 4507-4528.	1.2	11
24	A Comprehensive Review of the Development of Carbohydrate Macromolecules and Copper Oxide Nanocomposite Films in Food Nanopackaging. Bioinorganic Chemistry and Applications, 2022, 2022, 1-28.	1.8	19
25	FreeStyle Libre Flash Glucose Monitoring system for people with type 1 diabetes in the UK: a budget impact analysis. BMJ Open Diabetes Research and Care, 2022, 10, e002580.	1.2	6
26	Postradioiodine Graves' management: The PRAGMA study. Clinical Endocrinology, 2022, 97, 664-675.	1.2	3
27	Real-world use of once-weekly semaglutide in patients with type 2 diabetes: pooled analysis of data from four SURE studies by baseline characteristic subgroups. BMJ Open Diabetes Research and Care, 2022, 10, e002619.	1.2	17
28	Identification of difluorinated curcumin molecular targets linked to traumatic brain injury pathophysiology. Biomedicine and Pharmacotherapy, 2022, 148, 112770.	2.5	5
29	Severe iatrogenic hypoglycaemia modulates the fibroblast growth factor protein response. Diabetes, Obesity and Metabolism, 2022, 24, 1483-1497.	2.2	1
30	The effect of probiotic and synbiotic consumption on the most prevalent chemotherapy-related complications: A systematic review of current literature. Current Medicinal Chemistry, 2022, 29, .	1.2	4
31	Impact of pharmacological interventions on biochemical hyperandrogenemia in women with polycystic ovary syndrome: a systematic review and meta-analysis of randomised controlled trials. Archives of Gynecology and Obstetrics, 2022, , 1.	0.8	0
32	Abnormal Uterine Bleeding in Perimenopausal Women: The Role of Hysteroscopy and Its Impact on Quality of Life and Sexuality. Diagnostics, 2022, 12, 1176.	1.3	11
33	Etiopathogenesis of Psoriasis from Genetic Perspective: An updated Review. Current Genomics, 2022, 23, 163-174.	0.7	4
34	Phytochemicals as Modulators of Paraoxonase-1 in Health and Diseases. Antioxidants, 2022, 11, 1273.	2.2	9
35	Evaluation of the effect of curcumin on pneumonia: A systematic review of preclinical studies. Phytotherapy Research, 2021, 35, 1939-1952.	2.8	18
36	Letter to the Editor: Do biomarkers of COVID-19 severity simply reflect a stress response in type 2 diabetes: Biomarker response to hypoglycemia. Metabolism: Clinical and Experimental, 2021, 114, 154417.	1.5	2

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37	Integrative role of traditional and modern technologies to combat COVID-19. Expert Review of Anti-Infective Therapy, 2021, 19, 23-33.	2.0	16
38	Recent advances in drug discovery for diabetic kidney disease. Expert Opinion on Drug Discovery, 2021, 16, 447-461.	2.5	9
39	Hypoglycaemia in type <scp>2</scp> diabetes exacerbates amyloidâ€related proteins associated with dementia. Diabetes, Obesity and Metabolism, 2021, 23, 338-349.	2.2	17
40	Adoptive transfer of Tregs: A novel strategy for cell-based immunotherapy in spontaneous abortion: Lessons from experimental models. International Immunopharmacology, 2021, 90, 107195.	1.7	12
41	Hyperthyroidism and bone mineral density: Dissecting the causal association with Mendelian randomization analysis. Clinical Endocrinology, 2021, 94, 119-127.	1.2	4
42	Postload glucose spike but not fasting glucose determines prognosis after myocardial infarction in patients without known or newly diagnosed diabetes. Journal of Diabetes, 2021, 13, 191-199.	0.8	3
43	Does Curcumin Have an Anticaries Effect? A Systematic Review of In Vitro Studies. Advances in Experimental Medicine and Biology, 2021, 1291, 213-227.	0.8	3
44	The Effect of Curcumin Phytosome on the Treatment of Patients with Non-alcoholic Fatty Liver Disease: A Double-Blind, Randomized, Placebo-Controlled Trial. Advances in Experimental Medicine and Biology, 2021, 1308, 25-35.	0.8	26
45	Application of Erythropoietin in Chronic Heart Failure Treatment. Mini-Reviews in Medicinal Chemistry, 2021, 20, 2080-2089.	1.1	1
46	Depression, Anxiety, and Stress Among Patients with COVID-19: A Cross-Sectional Study. Advances in Experimental Medicine and Biology, 2021, 1321, 229-236.	0.8	21
47	The Effects of Curcumin in the Treatment of Gingivitis: A Systematic Review of Clinical Trials. Advances in Experimental Medicine and Biology, 2021, 1291, 179-211.	0.8	3
48	The Clinical Use of Curcumin for the Treatment of Recurrent Aphthous Stomatitis: A Systematic Review of Clinical Trials. Advances in Experimental Medicine and Biology, 2021, 1291, 229-238.	0.8	3
49	The Effect of Curcumin Supplemsentation on Anthropometric Indices in Overweight and Obese Individuals: A Systematic Review of Randomized Controlled Trials. Advances in Experimental Medicine and Biology, 2021, 1291, 121-137.	0.8	6
50	Antibacterial Activity of Curcumin Against Periodontal Pathogens: A Systematic Review. Advances in Experimental Medicine and Biology, 2021, 1291, 239-249.	0.8	3
51	Implications of microRNAs in the Pathogenesis of Atherosclerosis and Prospects for Therapy. Current Drug Targets, 2021, 22, 1738-1749.	1.0	9
52	The Immune Response and Effectiveness of COVID-19 Therapies. Advances in Experimental Medicine and Biology, 2021, 1321, 115-126.	0.8	6
53	Effect of Curcumin on Glycemic Control in Patients with Type 2 Diabetes: A Systematic Review of Randomized Clinical Trials. Advances in Experimental Medicine and Biology, 2021, 1291, 139-149.	0.8	6
54	The Clinical Use of Curcumin for the Treatment of Rheumatoid Arthritis: A Systematic Review of Clinical Trials. Advances in Experimental Medicine and Biology, 2021, 1291, 251-263.	0.8	13

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55	Therapeutics for type-2 diabetes mellitus: a glance at the recent inclusions and novel agents under development for use in clinical practice. Therapeutic Advances in Endocrinology and Metabolism, 2021, 12, 204201882110421.	1.4	12
56	Immunoregulatory Effects of Tolerogenic Probiotics in Multiple Sclerosis. Advances in Experimental Medicine and Biology, 2021, 1286, 87-105.	0.8	17
57	Role of Curcumin in Regulating Long Noncoding RNA Expression in Cancer. Advances in Experimental Medicine and Biology, 2021, 1308, 13-23.	0.8	4
58	The Effects of Nutraceuticals and Herbal Medicine on Candida albicans in Oral Candidiasis: A Comprehensive Review. Advances in Experimental Medicine and Biology, 2021, 1308, 225-248.	0.8	8
59	Curcumin for the Treatment of Prostate Diseases: A Systematic Review of Controlled Clinical Trials. Advances in Experimental Medicine and Biology, 2021, 1291, 345-362.	0.8	6
60	The Effect of Curcumin in Improving Lipid Profile in Patients with Cardiovascular Risk Factors: A Systematic Review of Clinical Trials. Advances in Experimental Medicine and Biology, 2021, 1291, 165-177.	0.8	11
61	Biomarkers of COVID-19 severity may not serve patients with polycystic ovary syndrome. Journal of Translational Medicine, 2021, 19, 63.	1.8	2
62	Pulmonary fibrosis: Therapeutic and mechanistic insights into the role of phytochemicals. BioFactors, 2021, 47, 250-269.	2.6	24
63	Vitamin D Association With Macrophage-Derived Cytokines in Polycystic Ovary Syndrome: An Enhanced Risk of COVID-19 Infection?. Frontiers in Endocrinology, 2021, 12, 638621.	1.5	11
64	The Impact of Immune Cell-derived Exosomes on Immune Response Initiation and Immune System Function. Current Pharmaceutical Design, 2021, 27, 197-205.	0.9	36
65	The role of myeloid-derived suppressor cells in rheumatoid arthritis: An update. Life Sciences, 2021, 269, 119083.	2.0	15
66	The relationship of soluble neuropilin-1 to severe COVID-19 risk factors in polycystic ovary syndrome. Metabolism Open, 2021, 9, 100079.	1.4	8
67	Glucose excursions in type 2 diabetes modulate amyloid-related proteins associated with dementia. Journal of Translational Medicine, 2021, 19, 131.	1.8	6
68	Identification of macrophage activation-related biomarkers in obese type 2 diabetes that may be indicative of enhanced respiratory risk in COVID-19. Scientific Reports, 2021, 11, 6428.	1.6	13
69	Mapping of type 2 diabetes proteins to COVID-19 biomarkers: A proteomic analysis. Metabolism Open, 2021, 9, 100074.	1.4	3
70	Platelet Protein-Related Abnormalities in Response to Acute Hypoglycemia in Type 2 Diabetes. Frontiers in Endocrinology, 2021, 12, 651009.	1.5	7
71	Effect of COVID-19 on Mortality of Pregnant and Postpartum Women: A Systematic Review and Meta-Analysis. Journal of Pregnancy, 2021, 2021, 1-33.	1.1	59
72	Metabolic consequences of obesity on the hypercoagulable state of polycystic ovary syndrome. Scientific Reports, 2021, 11, 5320.	1.6	16

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73	siRNA Therapeutics: Future Promise for Neurodegenerative Diseases. Current Neuropharmacology, 2021, 19, 1896-1911.	1.4	10
74	The Role of Interleukin-18 in the Development and Progression of Atherosclerosis. Current Medicinal Chemistry, 2021, 28, 1757-1774.	1.2	7
75	Plasma heat shock protein response to euglycemia in type 2 diabetes. BMJ Open Diabetes Research and Care, 2021, 9, e002057.	1.2	12
76	Regulation of circulating CTRP-2/CTRP-9 and GDF-8/GDF-15 by intralipids and insulin in healthy control and polycystic ovary syndrome women following chronic exercise training. Lipids in Health and Disease, 2021, 20, 34.	1.2	5
77	Antioxidative Potentials of Incretin-Based Medications: A Review of Molecular Mechanisms. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-9.	1.9	9
78	Impact of curcumin on fatty acid metabolism. Phytotherapy Research, 2021, 35, 4748-4762.	2.8	14
79	Urinary Angiogenin as a Marker for Bladder Cancer: A Meta-Analysis. BioMed Research International, 2021, 2021, 1-10.	0.9	7
80	Amyloid-related protein changes associated with dementia differ according to severity of hypoglycemia. BMJ Open Diabetes Research and Care, 2021, 9, e002211.	1.2	4
81	Obesity and Insulin Resistance: A Review of Molecular Interactions. Current Molecular Medicine, 2021, 21, 182-193.	0.6	14
82	The Effect of Combined Vitamin C and Vitamin E Supplementation on Oxidative Stress Markers in Women with Endometriosis: A Randomized, Triple-Blind Placebo-Controlled Clinical Trial. Pain Research and Management, 2021, 2021, 1-6.	0.7	36
83	The Effect of Free Androgen Index on the Quality of Life of Women With Polycystic Ovary Syndrome: A Cross-Sectional Study. Frontiers in Physiology, 2021, 12, 652559.	1.3	5
84	The Association of the Polychlorinated Biphenyl Class of Endocrine Disruptors With Polycystic Ovary Syndrome and Thyroid Dysfunction. Journal of the Endocrine Society, 2021, 5, A492-A492.	0.1	0
85	Liraglutide (SaxendaÂ®) for the treatment of obesity: a commentary on NICE Technology Appraisal 664. British Journal of Diabetes, 2021, 21, 120-122.	0.1	1
86	The Effects of Glucagon-Like Peptide-1 Receptor Agonists and Dipeptydilpeptidase-4 Inhibitors on Blood Pressure and Cardiovascular Complications in Diabetes. Journal of Diabetes Research, 2021, 2021, 1-10.	1.0	9
87	Predictors of diabetesâ€related distress before and after <scp>FreeStyle Libreâ€1</scp> use: Lessons from the <scp>A</scp>ssociation of <scp>B</scp>ritish <scp>C</scp>linical <scp>D</scp>iabetologists nationwide study. Diabetes, Obesity and Metabolism, 2021, 23, 2261-2268.	2.2	7
88	Type 2 Diabetes Coagulopathy Proteins May Conflict With Biomarkers Reflective of COVID-19 Severity. Frontiers in Endocrinology, 2021, 12, 658304.	1.5	3
89	Roux-en-Y gastric bypass-induced bacterial perturbation contributes to altered host-bacterial co-metabolic phenotype. Microbiome, 2021, 9, 139.	4.9	26
90	High-fidelity simulation and virtual reality: an evaluation of medical studentsâ€™ experiences. BMJ Simulation and Technology Enhanced Learning, 2021, 7, 528-535.	0.7	5

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91	132-OR: Prolonged Mild Hypoglycemia Elicits Greater Heat Shock Protein Responses than Severe Transient Hypoglycemia. Diabetes, 2021, 70, 132-OR.	0.3	0
92	Soluble Neuropilin-1 Response to Hypoglycemia in Type 2 Diabetes: Increased Risk or Protection in SARS-CoV-2 Infection?. Frontiers in Endocrinology, 2021, 12, 665134.	1.5	2
93	Vitamin D association with coagulation factors in polycystic ovary syndrome is dependent upon body mass index. Journal of Translational Medicine, 2021, 19, 239.	1.8	5
94	Implications on the Therapeutic Potential of Statins via Modulation of Autophagy. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-10.	1.9	9
95	Effect of curcumin on proinflammatory cytokines: A meta-analysis of randomized controlled trials. Cytokine, 2021, 143, 155541.	1.4	28
96	The Effect of Statins on C-Reactive Protein in Stroke Patients: A Systematic Review of Clinical Trials. Mediators of Inflammation, 2021, 2021, 1-10.	1.4	5
97	Gold Nanoparticles: Multifaceted Roles in the Management of Autoimmune Disorders. Biomolecules, 2021, 11, 1289.	1.8	27
98	Neurokinin-1 Receptor (NK-1R) Antagonists: Potential Targets in the Treatment of Glioblastoma Multiforme. Current Medicinal Chemistry, 2021, 28, 4877-4892.	1.2	16
99	Impact of severe hypoglycemia on the heat shock and related protein response. Scientific Reports, 2021, 11, 17057.	1.6	9
100	Impaired Awareness of Hypoglycemia and Severe Hypoglycemia in Drivers With Diabetes: Insights From the Association of British Clinical Diabetologists Nationwide Audit. Diabetes Care, 2021, 44, e190-e191.	4.3	3
101	Real-World Use of Once-Weekly Semaglutide in Type 2 Diabetes: Results from the SURE UK Multicentre, Prospective, Observational Study. Diabetes Therapy, 2021, 12, 2891-2905.	1.2	18
102	Effect of resveratrol on Câ€reactive protein: An updated metaâ€analysis of randomized controlled trials. Phytotherapy Research, 2021, 35, 6754-6767.	2.8	8
103	Association of microRNAs With Embryo Development and Fertilization in Women Undergoing Subfertility Treatments: A Pilot Study. Frontiers in Reproductive Health, 2021, 3, .	0.6	4
104	Clinical Importance of Wnt5a in the Pathogenesis of Colorectal Cancer. Journal of Oncology, 2021, 2021, 1-8.	0.6	4
105	Survey of Immediate Psychological Distress Levels Among Healthcare Workers in the COVID-19 Epidemic: A Cross-Sectional Study. Advances in Experimental Medicine and Biology, 2021, 1321, 237-243.	0.8	6
106	The potential role of incretin-based therapies for polycystic ovary syndrome: a narrative review of the current evidence. Therapeutic Advances in Endocrinology and Metabolism, 2021, 12, 204201882198923.	1.4	28
107	Cardiac Injury in COVID-19: A Systematic Review. Advances in Experimental Medicine and Biology, 2021, 1321, 325-333.	0.8	8
108	Coronavirus (COVID-19)-Associated Psychological Distress Among Medical Students in Iran. Advances in Experimental Medicine and Biology, 2021, 1321, 245-251.	0.8	12

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109	A Survey of Psychological Distress Among the Community in the COVID-19 Epidemic: A Cross-Sectional Study. Advances in Experimental Medicine and Biology, 2021, 1321, 253-260.	0.8	5
110	The Use of Curcumin for the Treatment of Renal Disorders: A Systematic Review of Randomized Controlled Trials. Advances in Experimental Medicine and Biology, 2021, 1291, 327-343.	0.8	12
111	A Systematic Review of the Clinical Use of Curcumin for the Treatment of Osteoarthritis. Advances in Experimental Medicine and Biology, 2021, 1291, 265-282.	0.8	11
112	Anti-tumor Effects of Curcuminoids in Glioblastoma Multiforme: An Updated Literature Review. Current Medicinal Chemistry, 2021, 28, 8116-8138.	1.2	50
113	Pathophysiology of Physical Inactivity-Dependent Insulin Resistance: A Theoretical Mechanistic Review Emphasizing Clinical Evidence. Journal of Diabetes Research, 2021, 2021, 1-12.	1.0	16
114	The Emerging Role of Nanomedicine in the Management of Nonalcoholic Fatty Liver Disease: A State-of-the-Art Review. Bioinorganic Chemistry and Applications, 2021, 2021, 1-13.	1.8	19
115	Angiopoietin-1: an early biomarker of diabetic nephropathy?. Journal of Translational Medicine, 2021, 19, 427.	1.8	6
116	Vitamin D association with the renin angiotensin system in polycystic ovary syndrome. Journal of Steroid Biochemistry and Molecular Biology, 2021, 214, 105965.	1.2	4
117	The involvement of JAK/STAT signaling pathway in the treatment of Parkinson's disease. Journal of Neuroimmunology, 2021, 361, 577758.	1.1	28
118	Evaluation of Antimicrobial and Wound Healing Effects of Gold Nanoparticles Containing Abelmoschus esculentus (L.) Aqueous Extract. Bioinorganic Chemistry and Applications, 2021, 2021, 1-13.	1.8	13
119	Hypoglycemia-induced changes in complement pathways in type 2 diabetes. Atherosclerosis Plus, 2021, , .	0.3	2
120	Heat Shock-Related Protein Responses and Inflammatory Protein Changes Are Associated with Mild Prolonged Hypoglycemia. Cells, 2021, 10, 3109.	1.8	4
121	Potential Biomarkers to Predict Acute Ischemic Stroke in Type 2 Diabetes. Frontiers in Molecular Biosciences, 2021, 8, 744459.	1.6	5
122	The Role of Chemokines in Cardiovascular Diseases and the Therapeutic Effect of Curcumin on CXCL8 and CCL2 as Pathological Chemokines in Atherosclerosis. Advances in Experimental Medicine and Biology, 2021, 1328, 155-170.	0.8	17
123	Safety and Efficacy of Oral Supplementation of Lentil (Lens culinaris Medic) in Dry Eye Patients. Advances in Experimental Medicine and Biology, 2021, 1328, 377-384.	0.8	0
124	Role of Herbal Medicines in the Management of Brain Injury. Advances in Experimental Medicine and Biology, 2021, 1328, 287-305.	0.8	5
125	Evaluation of the Effect of Crocin on Doxorubicin-Induced Cardiotoxicity. Advances in Experimental Medicine and Biology, 2021, 1328, 143-153.	0.8	6
126	The Effects of Ginsenosides on the Nrf2 Signaling Pathway. Advances in Experimental Medicine and Biology, 2021, 1328, 307-322.	0.8	3

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127	Health Benefits of Turmeric and Curcumin Against Food Contaminants. Advances in Experimental Medicine and Biology, 2021, 1328, 171-197.	0.8	1
128	The Effect of Herbal Medicine and Natural Bioactive Compounds on Plasma Adiponectin: A Clinical Review. Advances in Experimental Medicine and Biology, 2021, 1328, 37-57.	0.8	5
129	Natural Insulin Sensitizers for the Management of Diabetes Mellitus: A Review of Possible Molecular Mechanisms. Advances in Experimental Medicine and Biology, 2021, 1328, 401-410.	0.8	1
130	Naturally Occurring SGLT2 Inhibitors: A Review. Advances in Experimental Medicine and Biology, 2021, 1328, 523-530.	0.8	1
131	Crocin Improves Diabetes-Induced Oxidative Stress via Downregulating the Nox-4 in Myocardium of Diabetic Rats. Advances in Experimental Medicine and Biology, 2021, 1328, 275-285.	0.8	4
132	Antitumor and Protective Effects of Melatonin: The Potential Roles of MicroRNAs. Advances in Experimental Medicine and Biology, 2021, 1328, 463-471.	0.8	4
133	The Effects of Nutraceuticals and Bioactive Natural Compounds on Chronic Periodontitis: A Clinical Review. Advances in Experimental Medicine and Biology, 2021, 1328, 59-80.	0.8	6
134	Investigation of the Effects of Trehalose on Glycemic Indices in Streptozotocin-Induced Diabetic Rats. Advances in Experimental Medicine and Biology, 2021, 1328, 481-488.	0.8	0
135	Effect of Moderate Aerobic Exercise on Complement Activation Pathways in Polycystic Ovary Syndrome Women. Frontiers in Endocrinology, 2021, 12, 740703.	1.5	6
136	Harnessing CRISPR/Cas9 technology in cardiovascular disease. Trends in Cardiovascular Medicine, 2020, 30, 93-101.	2.3	10
137	Effects of curcumin on mitochondria in neurodegenerative diseases. BioFactors, 2020, 46, 5-20.	2.6	100
138	Is Weight Loss Harmful for Skeletal Health in Obese Older Adults?. Gerontology, 2020, 66, 2-14.	1.4	21
139	Cell transferâ€based immunotherapies in cancer: A review. IUBMB Life, 2020, 72, 790-800.	1.5	12
140	Neuromodulatory effects of anti-diabetes medications: A mechanistic review. Pharmacological Research, 2020, 152, 104611.	3.1	39
141	Physiologically relevant screening of polyphenol-rich commercial preparations for bioactivity in vascular endothelial cells and application to healthy volunteers: A viable workflow and a cautionary tale. Biochemical Pharmacology, 2020, 173, 113754.	2.0	3
142	Anti-inflammatory potentials of incretin-based therapies used in the management of diabetes. Life Sciences, 2020, 241, 117152.	2.0	35
143	The effects of statins on microglial cells to protect against neurodegenerative disorders: A mechanistic review. BioFactors, 2020, 46, 309-325.	2.6	75
144	Molecular mechanisms by which SGLT2 inhibitors can induce insulin sensitivity in diabetic milieu: A mechanistic review. Life Sciences, 2020, 240, 117090.	2.0	54

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145	Dynamic Changes in Circulating Endocrine FGF19 Subfamily and Fetuin-A in Response to Intralipid and Insulin Infusions in Healthy and PCOS Women. Frontiers in Endocrinology, 2020, 11, 568500.	1.5	10
146	Renin-Angiotensin System overactivation in polycystic ovary syndrome, a risk for SARS-CoV-2 infection?. Metabolism Open, 2020, 7, 100052.	1.4	20
147	Rationale and design of the LIBERATES trial: Protocol for a randomised controlled trial of flash glucose monitoring for optimisation of glycaemia in individuals with type 2 diabetes and recent myocardial infarction. Diabetes and Vascular Disease Research, 2020, 17, 147916412095793.	0.9	2
148	Effect of Flash Glucose Monitoring on Glycemic Control, Hypoglycemia, Diabetes-Related Distress, and Resource Utilization in the Association of British Clinical Diabetologists (ABCD) Nationwide Audit. Diabetes Care, 2020, 43, 2153-2160.	4.3	111
149	miRNAs as a novel clinical biomarker and therapeutic targets in polycystic ovary syndrome (PCOS): A review. Life Sciences, 2020, 259, 118174.	2.0	47
150	The Role of MicroRNAs in Regulating Cytokines and Growth Factors in Coronary Artery Disease: The Ins and Outs. Journal of Immunology Research, 2020, 2020, 1-10.	0.9	11
151	Increased MicroRNA Levels in Women With Polycystic Ovarian Syndrome but Without Insulin Resistance: A Pilot Prospective Study. Frontiers in Endocrinology, 2020, 11, 571357.	1.5	14
152	Integrinâ€associated ILK and PINCH1 protein content are reduced in skeletal muscle of maintenance haemodialysis patients. Journal of Physiology, 2020, 598, 5701-5716.	1.3	5
153	Pro-fibrotic M2 macrophage markers may increase the risk for COVID19 in type 2 diabetes with obesity. Metabolism: Clinical and Experimental, 2020, 112, 154374.	1.5	6
154	The Impact of Diabetes Mellitus in COVID-19: A Mechanistic Review of Molecular Interactions. Journal of Diabetes Research, 2020, 2020, 1-9.	1.0	14
155	Metabolic comparison of polycystic ovarian syndrome and control women in Middle Eastern and UK Caucasian populations. Scientific Reports, 2020, 10, 18895.	1.6	9
156	Potential effects of curcumin in the treatment of <scp>COVID</scp>â€19 infection. Phytotherapy Research, 2020, 34, 2911-2920.	2.8	236
157	The Effect of Statins through Mast Cells in the Pathophysiology of Atherosclerosis: a Review. Current Atherosclerosis Reports, 2020, 22, 19.	2.0	41
158	Prophylactic aspirin for preventing pre-eclampsia and its complications: An overview of meta-analyses. Drug Discovery Today, 2020, 25, 1487-1501.	3.2	2
159	Association of endocrine active environmental compounds with body mass index and weight loss following bariatric surgery. Clinical Endocrinology, 2020, 93, 280-287.	1.2	8
160	Counteracting arsenic toxicity: Curcumin to the rescue?. Journal of Hazardous Materials, 2020, 400, 123160.	6.5	51
161	Incretin-based therapies and renin-angiotensin system: Looking for new therapeutic potentials in the diabetic milieu. Life Sciences, 2020, 256, 117916.	2.0	11
162	Effect of induced hypoglycemia on inflammation and oxidative stress in type 2 diabetes and control subjects. Scientific Reports, 2020, 10, 4750.	1.6	69

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163	Molecular Mechanisms by Which Imeglimin Improves Glucose Homeostasis. Journal of Diabetes Research, 2020, 2020, 1-5.	1.0	19
164	Molecular Mechanisms Linking Oxidative Stress and Diabetes Mellitus. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-13.	1.9	323
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