

Chun Hung Su

List of Publications by Year in descending order

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55
papers

828
citations

516561

16
h-index

552653

26
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57
all docs

57
docs citations

57
times ranked

1225
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of timing of surgery on outcome of <i>Vibrio vulnificus</i> related necrotizing fasciitis. <i>American Journal of Surgery</i> , 2013, 206, 32-39.	0.9	93
2	Bisphenol A exhibits cytotoxic or genotoxic potential via oxidative stress-associated mitochondrial apoptotic pathway in murine macrophages. <i>Food and Chemical Toxicology</i> , 2018, 122, 215-224.	1.8	57
3	2019 Focused Update of the Guidelines of the Taiwan Society of Cardiology for the Diagnosis and Treatment of Heart Failure. <i>Acta Cardiologica Sinica</i> , 2019, 35, 244-283.	0.1	50
4	A Cuffless Blood Pressure Measurement Based on the Impedance Plethysmography Technique. <i>Sensors</i> , 2017, 17, 1176.	2.1	40
5	Zerumbone reduced the inflammatory response of acute lung injury in endotoxin-treated mice via Akt-NF κ B pathway. <i>Chemico-Biological Interactions</i> , 2017, 271, 9-14.	1.7	35
6	The Laboratory Risk Indicator for Necrotizing Fasciitis score for discernment of necrotizing fasciitis originated from <i>Vibrio vulnificus</i> infections. <i>Journal of Trauma and Acute Care Surgery</i> , 2012, 73, 1576-1582.	1.1	33
7	Cadmium nitrate-induced neuronal apoptosis is protected by N-acetyl-l-cysteine via reducing reactive oxygen species generation and mitochondria dysfunction. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 448-456.	2.5	32
8	Nerolidol Suppresses the Inflammatory Response during Lipopolysaccharide-Induced Acute Lung Injury via the Modulation of Antioxidant Enzymes and the AMPK/Nrf-2/HO-1 Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-10.	1.9	29
9	Classification of Photoplethysmographic Signal Quality with Deep Convolution Neural Networks for Accurate Measurement of Cardiac Stroke Volume. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4612.	1.3	27
10	Long-Term Outcomes of Patients Treated with Primary Stenting for Transplant Renal Artery Stenosis: A 10-Year Case Cohort Study. <i>World Journal of Surgery</i> , 2012, 36, 222-228.	0.8	25
11	Cytotoxicity and genotoxicity of triethyleneglycol-dimethacrylate in macrophages involved in DNA damage and caspases activation. <i>Environmental Toxicology</i> , 2015, 30, 581-588.	2.1	25
12	Safrole induced cytotoxicity, DNA damage, and apoptosis in macrophages via reactive oxygen species generation and Akt phosphorylation. <i>Environmental Toxicology and Pharmacology</i> , 2018, 64, 94-100.	2.0	24
13	Genotoxic effects of 1-nitropyrene in macrophages are mediated through a p53-dependent pathway involving cytochrome c release, caspase activation, and PARP-1 cleavage. <i>Ecotoxicology and Environmental Safety</i> , 2021, 213, 112062.	2.9	22
14	Classification of Photoplethysmographic Signal Quality with Fuzzy Neural Network for Improvement of Stroke Volume Measurement. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1476.	1.3	21
15	Bisphenol A induced apoptosis via oxidative stress generation involved Nrf2/HO-1 pathway and mitochondrial dependent pathways in human retinal pigment epithelium (ARPE-19) cells. <i>Environmental Toxicology</i> , 2022, 37, 131-141.	2.1	21
16	Endotoxin-induced acute lung injury in mice is protected by 5,7-dihydroxy-8-methoxyflavone via inhibition of oxidative stress and HIF-1 α . <i>Environmental Toxicology</i> , 2016, 31, 1700-1709.	2.1	20
17	Toxic Effects of Urethane Dimethacrylate on Macrophages Through Caspase Activation, Mitochondrial Dysfunction, and Reactive Oxygen Species Generation. <i>Polymers</i> , 2020, 12, 1398.	2.0	16
18	Zerumbone from <i>Zingiber zerumbet</i> Ameliorates Lipopolysaccharide-Induced ICAM-1 and Cytokines Expression via p38 MAPK/JNK-I κ B/ NF- κ B Pathway in Mouse Model of Acute Lung Injury. <i>Chinese Journal of Physiology</i> , 2018, 61, 171-180.	0.4	16

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19	BisGMA-induced cytotoxicity and genotoxicity in macrophages are attenuated by wogonin via reduction of intrinsic caspase pathway activation. <i>Environmental Toxicology</i> , 2016, 31, 176-184.	2.1	15
20	Development of a Patch-Type Electrocardiographic Monitor for Real Time Heartbeat Detection and Heart Rate Variability Analysis. <i>Journal of Medical and Biological Engineering</i> , 2018, 38, 411-423.	1.0	14
21	Protective effect of nerolidol on lipopolysaccharide-induced acute lung injury through the inhibition of NF- κ B activation by the reduction of p38 MAPK and JNK phosphorylation. <i>Journal of Functional Foods</i> , 2020, 69, 103943.	1.6	14
22	Protective Effects of Kirenol against Lipopolysaccharide-Induced Acute Lung Injury through the Modulation of the Proinflammatory NF κ B Pathway and the AMPK2-/Nrf2-Mediated HO-1/AOE Pathway. <i>Antioxidants</i> , 2021, 10, 204.	2.2	14
23	1-Nitropyrene Induced Reactive Oxygen Species-Mediated Apoptosis in Macrophages through AIF Nuclear Translocation and AMPK/Nrf-2/HO-1 Pathway Activation. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14.	1.9	14
24	Color Doppler Twinkling Artifact of Calcified Cardiac Valves In Vitro: A Not Well Known Phenomenon in Echocardiography. <i>Ultrasound in Medicine and Biology</i> , 2011, 37, 386-392.	0.7	12
25	Evaluation of cytotoxicity, apoptosis, and genotoxicity induced by indium chloride in macrophages through mitochondrial dysfunction and reactive oxygen species generation. <i>Ecotoxicology and Environmental Safety</i> , 2020, 193, 110348.	2.9	12
26	Cardiovascular and respiratory dysfunction in chronic obstructive pulmonary disease complicated by impaired peripheral oxygenation. <i>International Journal of COPD</i> , 2015, 10, 329.	0.9	11
27	The Performance of Noncontrast Magnetic Resonance Angiography in Detecting Renal Artery Stenosis as Compared With Contrast Enhanced Magnetic Resonance Angiography Using Conventional Angiography as a Reference. <i>Journal of Computer Assisted Tomography</i> , 2017, 41, 619-627.	0.5	11
28	Improvement of Left Ventricular Ejection Time Measurement in the Impedance Cardiography Combined with the Reflection Photoplethysmography. <i>Sensors</i> , 2018, 18, 3036.	2.1	11
29	Hydroxychloroquine Does Not Increase the Risk of Cardiac Arrhythmia in Common Rheumatic Diseases: A Nationwide Population-Based Cohort Study. <i>Frontiers in Immunology</i> , 2021, 12, 631869.	2.2	11
30	Indium chloride-induced micronuclei via reactive oxygen species in Chinese hamster lung fibroblast V79 cells. <i>Environmental Toxicology</i> , 2013, 28, 595-600.	2.1	10
31	An Examination System to Detect Deep Vein Thrombosis of a Lower Limb Using Light Reflection Rheography. <i>Sensors</i> , 2021, 21, 2446.	2.1	9
32	Rutin-protected BisGMA induced cytotoxicity, genotoxicity, and apoptosis in macrophages through the reduction of the mitochondrial apoptotic pathway and induction of antioxidant enzymes. <i>Environmental Toxicology</i> , 2021, 36, 45-54.	2.1	8
33	P2Y12 Inhibitor Monotherapy with Clopidogrel versus Ticagrelor in Patients with Acute Coronary Syndrome Undergoing Percutaneous Coronary Intervention. <i>Journal of Clinical Medicine</i> , 2020, 9, 1657.	1.0	7
34	Syncope caused by complete heart block and ventricular arrhythmia as early manifestation of systemic lupus erythematosus in a pregnant patient: a case report. <i>Lupus</i> , 2018, 27, 1729-1731.	0.8	6
35	Bilateral Vertebral Artery Hypoplasia and Fetal-Type Variants of the Posterior Cerebral Artery in Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2021, 12, 582149.	1.1	6
36	Proinflammatory Responses of 1-Nitropyrene against RAW264.7 Macrophages through Akt Phosphorylation and NF- κ B Pathways. <i>Toxics</i> , 2021, 9, 276.	1.6	6

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37	3-Bromofluoranthene-induced cardiotoxicity of zebrafish and apoptosis in the vascular endothelial cells via intrinsic and extrinsic caspase-dependent pathways. <i>Ecotoxicology and Environmental Safety</i> , 2021, 228, 112962.	2.9	6
38	Assessment of the endothelial function with changed volume of brachial artery by menstrual cycle. <i>BioMedical Engineering OnLine</i> , 2016, 15, 106.	1.3	5
39	<scp>CHA</scp> ₂ <scp>DS</scp> ₂ â<scp>VAS</scp> c scores for outcome prediction in acute ischaemic stroke. <i>European Journal of Clinical Investigation</i> , 2018, 48, e12884.	1.7	5
40	Association of hydroxychloroquine and cardiac arrhythmia in patients with systemic lupus erythematosus: A population-based case control study. <i>PLoS ONE</i> , 2021, 16, e0251918.	1.1	5
41	Using the Pulse Contour Method to Measure the Changes in Stroke Volume during a Passive Leg Raising Test. <i>Sensors</i> , 2018, 18, 3420.	2.1	4
42	Correspondence on â<i>Festina lente</i>: hydroxychloroquine, COVID-19 and the role of the rheumatologistâ™ by Graef<i>et al</i>. <i>Annals of the Rheumatic Diseases</i> , 2022, 81, e163-e163.	0.5	4
43	Convolutional neural Network-based detection of deep vein thrombosis in a low limb with light reflection rheography. <i>Measurement: Journal of the International Measurement Confederation</i> , 2022, 189, 110457.	2.5	4
44	Cuffless and Touchless Measurement of Blood Pressure from Ballistocardiogram Based on a Body Weight Scale. <i>Nutrients</i> , 2022, 14, 2552.	1.7	4
45	Accurate Measurement of Cross-Sectional Area of Femoral Artery on MRI Sequences of Transcontinental Ultramarathon Runners Using Optimal Parameters Selection. <i>Journal of Medical Systems</i> , 2016, 40, 260.	2.2	3
46	Oral treatment for diabetes using $\hat{\pm}$ -glucosidase inhibitors was a risk factor for chronic obstructive pulmonary disease: a cohort study. <i>International Journal of Medical Sciences</i> , 2021, 18, 778-784.	1.1	3
47	Diagnostic Performance of Combined Contrast-Enhanced Magnetic Resonance Angiography and Phase-Contrast Magnetic Resonance Imaging in Suspected Subclavian Steal Syndrome. <i>Canadian Association of Radiologists Journal</i> , 2016, 67, 190-201.	1.1	2
48	Cadmium nitrate-induced cytotoxicity and genotoxicity via caspases in Neuro-2A neurons. <i>Toxin Reviews</i> , 2018, 37, 39-43.	1.5	2
49	An In vitro study of guidewire-related color doppler twinkling artifacts in echocardiography. <i>Journal of Medical Ultrasound</i> , 2018, 26, 200.	0.2	2
50	Impact of the Dual Antiplatelet Therapy Score on Clinical Outcomes in Acute Coronary Syndrome Patients Receiving P2Y12 Inhibitor Monotherapy. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 772820.	1.1	2
51	TCTAP C-255 Supine Position Popliteal Artery Puncture with Retrograde Technique for Long Superficial Femoral Artery Chronic Total Occlusion Lesion. <i>Journal of the American College of Cardiology</i> , 2017, 69, S346-S347.	1.2	0
52	The Association Between Pleural Empyema and Peripheral Arterial Disease in Younger Patients: A Retrospective National Population-Based Cohort Study. <i>Frontiers in Medicine</i> , 2021, 8, 621330.	1.2	0
53	Effect of aspirin treatment duration on clinical outcomes in acute coronary syndrome patients with early aspirin discontinuation and received P2Y12 inhibitor monotherapy. <i>PLoS ONE</i> , 2021, 16, e0251109.	1.1	0
54	Velocity-Encoded Phase-Contrast Magnetic Resonance Imaging for Diagnosing Severe Bilateral Subclavian Steal Syndrome with Complete Vertebral Reversal. <i>Acta Cardiologica Sinica</i> , 2014, 30, 337-40.	0.1	0

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55	Myocardial Infarction with Normal Coronary Arteries in a Patient with Heroin Use and Infective Endocarditis. <i>Acta Cardiologica Sinica</i> , 2014, 30, 173-7.	0.1	0