

Yin-Yi Han

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

934
citations

430874
18
h-index

454955
30
g-index

41
all docs

41
docs citations

41
times ranked

1373
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid bacterial antibiotic susceptibility test based on simple surface-enhanced Raman spectroscopic biomarkers. Scientific Reports, 2016, 6, 23375.	3.3	96
2	Impact of timing of renal replacement therapy initiation on outcome of septic acute kidney injury. Critical Care, 2011, 15, R134.	5.8	87
3	Effects of Fish Oil on Inflammatory Modulation in Surgical Intensive Care Unit Patients. Nutrition in Clinical Practice, 2012, 27, 91-98.	2.4	70
4	Rescue for acute myocarditis with shock by extracorporeal membrane oxygenation. Annals of Thoracic Surgery, 1999, 68, 2220-2224.	1.3	62
5	Kidney function decline after a non-dialysis-requiring acute kidney injury is associated with higher long-term mortality in critically ill survivors. Critical Care, 2012, 16, R123.	5.8	62
6	Successful resuscitation of acute massive pulmonary embolism with extracorporeal membrane oxygenation and open embolectomy. Annals of Thoracic Surgery, 2001, 72, 266-267.	1.3	61
7	Efficacy and safety of hypertonic saline solutions in the treatment of severe head injury. World Neurosurgery, 2006, 65, 539-546.	1.3	54
8	Clinical outcome of severe head injury using three different ICP and CPP protocol-driven therapies. Journal of Clinical Neuroscience, 2006, 13, 818-822.	1.5	40
9	Hydrophilic/hydrophobic surface of Al ₂ O ₃ thin films grown by thermal and plasma-enhanced atomic layer deposition on plasticized polyvinyl chloride (PVC). Surface and Coatings Technology, 2016, 305, 158-164.	4.8	35
10	Rapid antibiotic susceptibility testing of bacteria from patients'™ blood via assaying bacterial metabolic response with surface-enhanced Raman spectroscopy. Scientific Reports, 2020, 10, 12538.	3.3	30
11	Preoperative Proteinuria Is Associated with Long-Term Progression to Chronic Dialysis and Mortality after Coronary Artery Bypass Grafting Surgery. PLoS ONE, 2012, 7, e27687.	2.5	27
12	Effect of Diuretic Use on 30-Day Postdialysis Mortality in Critically Ill Patients Receiving Acute Dialysis. PLoS ONE, 2012, 7, e30836.	2.5	25
13	DETRENDED FLUCTUATION ANALYSES OF SHORT-TERM HEART RATE VARIABILITY IN SURGICAL INTENSIVE CARE UNITS. Biomedical Engineering - Applications, Basis and Communications, 2006, 18, 67-72.	0.6	22
14	Atomic layer deposited TiO ₂ films on an equiatomic NiTi shape memory alloy for biomedical applications. Journal of Alloys and Compounds, 2021, 886, 161282.	5.5	22
15	Clinical outcome of severe head injury in different protocol-driven therapies. Journal of Clinical Neuroscience, 2007, 14, 449-454.	1.5	21
16	Brain death prediction based on ensembled artificial neural networks in neurosurgical intensive care unit. Journal of the Taiwan Institute of Chemical Engineers, 2011, 42, 97-107.	5.3	20
17	Patients Supported by Extracorporeal Membrane Oxygenation and Acute Dialysis: Acute Physiology and Chronic Health Evaluation Score in Predicting Hospital Mortality. Artificial Organs, 2010, 34, 828-835.	1.9	19
18	Supplementing Transesophageal Echocardiography with Transthoracic Echocardiography for Monitoring Transcatheter Closure of Atrial Septal Defects with Attenuated Anterior Rim: A Case Series. Anesthesia and Analgesia, 2003, 96, 1584-1588.	2.2	18

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19	A microfluidic microwell device operated by the automated microfluidic control system for surface-enhanced Raman scattering-based antimicrobial susceptibility testing. <i>Biosensors and Bioelectronics</i> , 2021, 191, 113483.	10.1	17
20	An antibiotic concentration gradient microfluidic device integrating surface-enhanced Raman spectroscopy for multiplex antimicrobial susceptibility testing. <i>Lab on A Chip</i> , 2022, 22, 1805-1814.	6.0	17
21	Enormous Plasmonic Enhancement and Suppressed Quenching of Luminescence from Nanoscale ZnO Films by Uniformly Dispersed Atomic-Layer-Deposited Platinum with Optimized Spacer Thickness. <i>Journal of Physical Chemistry C</i> , 2013, 117, 26204-26212.	3.1	14
22	Association between Vitamin D Deficiency and High Serum Levels of Small Dense LDL in Middle-Aged Adults. <i>Biomedicines</i> , 2021, 9, 464.	3.2	13
23	Atomic-layer-deposited silver and dielectric nanostructures for plasmonic enhancement of Raman scattering from nanoscale ultrathin films. <i>Nanotechnology</i> , 2015, 26, 265702.	2.6	12
24	Ensembled neural networks for brain death prediction for patients with severe head injury. <i>Biomedical Signal Processing and Control</i> , 2011, 6, 414-421.	5.7	11
25	The clinical and economic impact of the use of diabetes-specific enteral formula on ICU patients with type 2 diabetes. <i>Clinical Nutrition</i> , 2017, 36, 1567-1572.	5.0	10
26	Atomic Layer Deposited Al ₂ O ₃ Films on NiTi Shape Memory Alloys for Biomedical Applications. <i>Procedia Manufacturing</i> , 2019, 37, 431-437.	1.9	10
27	Enhancement of Light Emission from Silicon by Precisely Tuning Coupled Localized Surface Plasmon Resonance of a Nanostructured Platinum Layer Prepared by Atomic Layer Deposition. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 4179-4185.	8.0	7
28	Prevalence of Vitamin D Deficiency and Associated Factors in Critically Ill Patients: A Multicenter Observational Study. <i>Frontiers in Nutrition</i> , 2021, 8, 768804.	3.7	7
29	Clinical experience of hydroxyethyl starch (10% HES 200/0.5) in cerebral perfusion pressure protocol for severe head injury. <i>World Neurosurgery</i> , 2006, 66, S26-S31.	1.3	6
30	Color Doppler ultrasonography in detecting transdiaphragmatic flow of hepatic hydrothorax: Correlation with thoracoscopic findings. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 138, 1251-1252.	0.8	6
31	Recombinant activated factor VII as a promising adjuvant therapy for postpartum hemorrhage in the practice of obstetric anesthesia: Experience from a university hospital in Taiwan. <i>Journal of Obstetrics and Gynaecology Research</i> , 2011, 37, 901-907.	1.3	6
32	Prognostic Factors of Survival From Intractable Oronasal Bleeding After Successful Transarterial Embolization. <i>Journal of Oral and Maxillofacial Surgery</i> , 2015, 73, 1790-1794.	1.2	6
33	Enhancement of the anticoagulant capacity of polyvinyl chloride tubing for cardiopulmonary bypass circuit using aluminum oxide nanoscale coating applied through atomic layer deposition. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2022, 110, 527-534.	3.4	5
34	An evidence-based review on the use of corticosteroids in peri-operative and critical care. <i>Ma Zui Xue Za Zhi = Anaesthesiologica Sinica</i> , 2002, 40, 71-9.	0.1	5
35	NONRANDOMNESS INDEX APPLIED FOR HEART RATE VARIABILITY IN SURGICAL INTENSIVE CARE UNITS USING FREQUENCY AND RANK ORDER STATISTICS. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2007, 19, 303-311.	0.6	4
36	Functional mobility effects of progressive early mobilization protocol on people with moderate-to-severe traumatic brain injury: A pre-post intervention study. <i>NeuroRehabilitation</i> , 2022, 51, 303-313.	1.3	3

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37	Successful treatment of traumatic coronary artery dissection with angiographic stenting. American Journal of Emergency Medicine, 2010, 28, 113.e1-113.e4.	1.6	2
38	Neglected Esophageal Injury Presenting With Spontaneously Shrunk Retroesophageal Pocket. Journal of the Formosan Medical Association, 2008, 107, 741-744.	1.7	1
39	Investigation of the Effects of Continuous Low-Dose Epidural Analgesia on the Autonomic Nervous System Using Hilbert Huang Transform. Journal of Healthcare Engineering, 2010, 1, 13-26.	1.9	1