

Yin-Yi Han

List of Publications by Year in descending order

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39
papers

934
citations

430442

18
h-index

454577

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. <i>Scientific Reports</i> , 2016, 6, 23375.	1.6	96
2	Impact of timing of renal replacement therapy initiation on outcome of septic acute kidney injury. <i>Critical Care</i> , 2011, 15, R134.	2.5	87
3	Effects of Fish Oil on Inflammatory Modulation in Surgical Intensive Care Unit Patients. <i>Nutrition in Clinical Practice</i> , 2012, 27, 91-98.	1.1	70
4	Rescue for acute myocarditis with shock by extracorporeal membrane oxygenation. <i>Annals of Thoracic Surgery</i> , 1999, 68, 2220-2224.	0.7	62
5	Kidney function decline after a non-dialysis-requiring acute kidney injury is associated with higher long-term mortality in critically ill survivors. <i>Critical Care</i> , 2012, 16, R123.	2.5	62
6	Successful resuscitation of acute massive pulmonary embolism with extracorporeal membrane oxygenation and open embolectomy. <i>Annals of Thoracic Surgery</i> , 2001, 72, 266-267.	0.7	61
7	Efficacy and safety of hypertonic saline solutions in the treatment of severe head injury. <i>World Neurosurgery</i> , 2006, 65, 539-546.	1.3	54
8	Clinical outcome of severe head injury using three different ICP and CPP protocol-driven therapies. <i>Journal of Clinical Neuroscience</i> , 2006, 13, 818-822.	0.8	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). <i>Surface and Coatings Technology</i> , 2016, 305, 158-164.	2.2	35
10	Rapid antibiotic susceptibility testing of bacteria from patients'™ blood via assaying bacterial metabolic response with surface-enhanced Raman spectroscopy. <i>Scientific Reports</i> , 2020, 10, 12538.	1.6	30
11	Preoperative Proteinuria Is Associated with Long-Term Progression to Chronic Dialysis and Mortality after Coronary Artery Bypass Grafting Surgery. <i>PLoS ONE</i> , 2012, 7, e27687.	1.1	27
12	Effect of Diuretic Use on 30-Day Postdialysis Mortality in Critically Ill Patients Receiving Acute Dialysis. <i>PLoS ONE</i> , 2012, 7, e30836.	1.1	25
13	DETRENDED FLUCTUATION ANALYSES OF SHORT-TERM HEART RATE VARIABILITY IN SURGICAL INTENSIVE CARE UNITS. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2006, 18, 67-72.	0.3	22
14	Atomic layer deposited TiO ₂ films on an equiatomic NiTi shape memory alloy for biomedical applications. <i>Journal of Alloys and Compounds</i> , 2021, 886, 161282.	2.8	22
15	Clinical outcome of severe head injury in different protocol-driven therapies. <i>Journal of Clinical Neuroscience</i> , 2007, 14, 449-454.	0.8	21
16	Brain death prediction based on ensembled artificial neural networks in neurosurgical intensive care unit. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2011, 42, 97-107.	2.7	20
17	Patients Supported by Extracorporeal Membrane Oxygenation and Acute Dialysis: Acute Physiology and Chronic Health Evaluation Score in Predicting Hospital Mortality. <i>Artificial Organs</i> , 2010, 34, 828-835.	1.0	19
18	Supplementing Transesophageal Echocardiography with Transthoracic Echocardiography for Monitoring Transcatheter Closure of Atrial Septal Defects with Attenuated Anterior Rim: A Case Series. <i>Anesthesia and Analgesia</i> , 2003, 96, 1584-1588.	1.1	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.	5.3	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.	3.1	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.	1.5	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.	1.4	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.	1.3	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.	3.5	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.	2.3	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.	4.0	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.	1.6	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.	0.4	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.	0.6	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.	0.5	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.	1.6	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.	0.3	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.	0.5	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.	0.7	2
38	Neglected Esophageal Injury Presenting With Spontaneously Shrunken Retroesophageal Pocket. Journal of the Formosan Medical Association, 2008, 107, 741-744.	0.8	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.	1.1	1