

Yanfei Shen

List of Publications by Year in descending order

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160
papers

6,998
citations

53794

45
h-index

69250

77
g-index

165
all docs

165
docs citations

165
times ranked

8251
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular engineering of polymeric carbon nitride: advancing applications from photocatalysis to biosensing and more. Chemical Society Reviews, 2018, 47, 2298-2321.	38.1	488
2	Dissolution and Liquid Crystals Phase of 2D Polymeric Carbon Nitride. Journal of the American Chemical Society, 2015, 137, 2179-2182.	13.7	304
3	Chemical Cleavage of Layered Carbon Nitride with Enhanced Photoluminescent Performances and Photoconduction. ACS Nano, 2015, 9, 12480-12487.	14.6	251
4	Simultaneous Noncovalent Modification and Exfoliation of 2D Carbon Nitride for Enhanced Electrochemiluminescent Biosensing. Journal of the American Chemical Society, 2017, 139, 11698-11701.	13.7	247
5	Competitive Multiple-Mechanism-Driven Electrochemiluminescent Detection of 8-Hydroxy-2'-deoxyguanosine. Journal of the American Chemical Society, 2018, 140, 2801-2804.	13.7	162
6	Reversible Assembly of Graphitic Carbon Nitride 3D Network for Highly Selective Dyes Absorption and Regeneration. ACS Nano, 2016, 10, 9036-9043.	14.6	161
7	Unraveling fundamental active units in carbon nitride for photocatalytic oxidation reactions. Nature Communications, 2021, 12, 320.	12.8	150
8	Electrochemical Functionalization of Single-Walled Carbon Nanotubes in Large Quantities at a Room-Temperature Ionic Liquid Supported Three-Dimensional Network Electrode. Langmuir, 2005, 21, 4797-4800.	3.5	149
9	Design and Synthesis of Multifunctional Materials Based on an Ionic-Liquid Backbone. Angewandte Chemie - International Edition, 2006, 45, 5867-5870.	13.8	144
10	Environment-friendly preparation of porous graphite-phase polymeric carbon nitride using calcium carbonate as templates, and enhanced photoelectrochemical activity. Journal of Materials Chemistry A, 2015, 3, 5126-5131.	10.3	142
11	Poly-L-lysine Functionalization of Single-Walled Carbon Nanotubes. Journal of Physical Chemistry B, 2004, 108, 15343-15346.	2.6	141
12	Chemically Modulated Carbon Nitride Nanosheets for Highly Selective Electrochemiluminescent Detection of Multiple Metal-ions. Analytical Chemistry, 2016, 88, 6004-6010.	6.5	137
13	Ultrafast Condensation of Carbon Nitride on Electrodes with Exceptional Boosted Photocurrent and Electrochemiluminescence. Angewandte Chemie - International Edition, 2020, 59, 1139-1143.	13.8	129
14	Thionine-interlinked multi-walled carbon nanotube/gold nanoparticle composites. Carbon, 2007, 45, 2111-2115.	10.3	115
15	Recent advances of doped carbon as non-precious catalysts for oxygen reduction reaction. Journal of Materials Chemistry A, 2014, 2, 15704-15716.	10.3	107
16	A biomass derived N/C-catalyst for the electrochemical production of hydrogen peroxide. Chemical Communications, 2017, 53, 9994-9997.	4.1	99
17	Self-Assembly Made Durable: Water-Repellent Materials Formed by Cross-Linking Fullerene Derivatives. Angewandte Chemie - International Edition, 2009, 48, 2166-2170.	13.8	90
18	Electron Transport and Electrochemistry of Mesomorphic Fullerenes with Long-Range Ordered Lamellae. Journal of the American Chemical Society, 2008, 130, 9236-9237.	13.7	88

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19	Platelet-to-lymphocyte ratio as a prognostic predictor of mortality for sepsis: interaction effect with disease severity—a retrospective study. <i>BMJ Open</i> , 2019, 9, e022896.	1.9	88
20	The Fe@N-C Nanozyme with Both Accelerated and Inhibited Biocatalytic Activities Capable of Accessing Drug-Drug Interactions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14498-14503.	13.8	87
21	Potential-Modulated Electrochemiluminescence of Carbon Nitride Nanosheets for Dual-Signal Sensing of Metal Ions. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 23672-23678.	8.0	86
22	Carbon nanotubes and glucose oxidase bionanocomposite bridged by ionic liquid-like unit: Preparation and electrochemical properties. <i>Biosensors and Bioelectronics</i> , 2007, 23, 438-443.	10.1	85
23	Assembly of Fullerene-Carbon Nanotubes: Temperature Indicator for Photothermal Conversion. <i>Journal of the American Chemical Society</i> , 2010, 132, 8566-8568.	13.7	83
24	Superstructures and superhydrophobic property in hierarchical organized architectures of fullerenes bearing long alkyl tails. <i>Journal of Materials Chemistry</i> , 2010, 20, 1253-1260.	6.7	83
25	Immobilization of ionic liquid with polyelectrolyte as carrier. <i>Chemical Communications</i> , 2005, , 4193.	4.1	81
26	Coupling polymorphic nanostructured carbon nitrides into an isotype heterojunction with boosted photocatalytic H ₂ evolution. <i>Chemical Communications</i> , 2017, 53, 2978-2981.	4.1	80
27	Electropolymerization and catalysis of well-dispersed polyaniline/carbon nanotube/gold composite. <i>Journal of Electroanalytical Chemistry</i> , 2007, 599, 121-126.	3.8	79
28	Facile Preparation of WO ₃ Dots with Remarkably Low Toxicity and Uncompromised Activity as Co-reactants for Clinical Diagnosis by Electrochemiluminescence. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16747-16754.	13.8	77
29	Fe@N-C Artificial Enzyme: Activation of Oxygen for Dehydrogenation and Monooxygenation of Organic Substrates under Mild Condition and Cancer Therapeutic Application. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 35327-35333.	8.0	73
30	Metal-Free All-Carbon Nanohybrid for Ultrasensitive Photoelectrochemical Immunosensing of alpha-Fetoprotein. <i>ACS Sensors</i> , 2018, 3, 1385-1391.	7.8	70
31	Crystallinity Modulation of Layered Carbon Nitride for Enhanced Photocatalytic Activities. <i>Chemistry - A European Journal</i> , 2016, 22, 12449-12454.	3.3	66
32	Carbon nitride of five-membered rings with low optical bandgap for photoelectrochemical biosensing. <i>CheM</i> , 2021, 7, 2708-2721.	11.7	64
33	Highly Selective and Sensitive Electrochemical Immunoassay of Cry1C Using Nanobody and 1D Stacked Graphene Oxide/Thionine Assembly. <i>Analytical Chemistry</i> , 2016, 88, 9830-9836.	6.5	61
34	Reinforcement of silica with single-walled carbon nanotubes through covalent functionalization. <i>Journal of Materials Chemistry</i> , 2006, 16, 4592.	6.7	60
35	Direct electron transfer of horseradish peroxidase and its electrocatalysis based on carbon nanotube/thionine/gold composites. <i>Electrochemistry Communications</i> , 2008, 10, 306-310.	4.7	59
36	Simultaneous Unlocking Optoelectronic and Interfacial Properties of C ₆₀ for Ultrasensitive Immunosensing by Coupling to Metal-Organic Framework. <i>Analytical Chemistry</i> , 2020, 92, 983-990.	6.5	59

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37	Direct Immunoassay for Facile and Sensitive Detection of Small Molecule Aflatoxin B ₁ based on Nanobody. Chemistry - A European Journal, 2018, 24, 9869-9876.	3.3	57
38	Supramolecular Templates for Nanoflake Metal Surfaces. Chemistry - A European Journal, 2009, 15, 2763-2767.	3.3	54
39	Molecular engineering of CxNy: Topologies, electronic structures and multidisciplinary applications. Chinese Chemical Letters, 2020, 31, 3047-3054.	9.0	54
40	Room-temperature ionic liquids as media to enhance the electrochemical stability of self-assembled monolayers of alkanethiols on gold electrodes. Chemical Communications, 2005, , 360.	4.1	49
41	Coupling multiphase-Fe and hierarchical N-doped graphitic carbon as trifunctional electrocatalysts by supramolecular preorganization of precursors. Chemical Communications, 2017, 53, 2044-2047.	4.1	49
42	Engineering of CdTe/SiO ₂ nanocomposites: Enhanced signal amplification and biocompatibility for electrochemiluminescent immunoassay of alpha-fetoprotein. Biosensors and Bioelectronics, 2019, 131, 178-184.	10.1	49
43	Single-Wall Carbon Nanotube Latexes. ACS Applied Materials & Interfaces, 2010, 2, 649-653.	8.0	48
44	Ionic liquid-derived Fe-N/C catalysts for highly efficient oxygen reduction reaction without any supports, templates, or multi-step pyrolysis. Journal of Materials Chemistry A, 2016, 4, 6630-6638.	10.3	48
45	Assembly of carbon nanotubes and alkylated fullerenes: nanocarbon hybrid towards photovoltaic applications. Chemical Science, 2011, 2, 2243.	7.4	47
46	Coupled Fluorometer-Potentiostat System and Metal-Free Monochromatic Luminophores for High-Resolution Wavelength-Resolved Electrochemiluminescent Multiplex Bioassay. ACS Sensors, 2018, 3, 1362-1367.	7.8	47
47	Coupling aptazyme and catalytic hairpin assembly for cascaded dual signal amplified electrochemiluminescence biosensing. Biosensors and Bioelectronics, 2020, 150, 111945.	10.1	46
48	Highly Sensitive and Quality Self-Testable Electrochemiluminescence Assay of DNA Methyltransferase Activity Using Multifunctional Sandwich-Assembled Carbon Nitride Nanosheets. ACS Applied Materials & Interfaces, 2018, 10, 6887-6894.	8.0	45
49	Boosting the Sensitivity of a Photoelectrochemical Immunoassay by Using SiO ₂ @polydopamine Core-Shell Nanoparticles as a Highly Efficient Quencher. ACS Applied Nano Materials, 2019, 2, 1579-1588.	5.0	45
50	Dissolution and homogeneous photocatalysis of polymeric carbon nitride. Chemical Science, 2018, 9, 7912-7915.	7.4	42
51	A Dual Functional Self-Enhanced Electrochemiluminescent Nanohybrid for Label-Free MicroRNA Detection. Analytical Chemistry, 2021, 93, 8971-8977.	6.5	42
52	Comparison Study of the Photoelectrochemical Activity of Carbon Nitride with Different Photoelectrode Configurations. ACS Applied Materials & Interfaces, 2016, 8, 22287-22294.	8.0	41
53	One-step synthesis of 3D dendritic gold/polypyrrole nanocomposites via a self-assembly method. Nanotechnology, 2006, 17, 283-288.	2.6	40
54	Effect of High/Low Dose N-Acetylcysteine on Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-analysis. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2013, 11, 131230073230003.	1.6	40

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55	Bound oxygen-atom transfer endows peroxidase-mimic Mâ€“Nâ€“C with high substrate selectivity. Chemical Science, 2021, 12, 8865-8871.	7.4	39
56	Flowerlike supramolecular architectures assembled from C60 equipped with a pyridine substituent. Chemical Communications, 2010, 46, 8752.	4.1	38
57	Driving electrochemical oxygen reduction and hydrazine oxidation reaction by enzyme-inspired polymeric Cu(3,3â€“diaminobenzidine) catalyst. Journal of Materials Chemistry A, 2017, 5, 17413-17420.	10.3	38
58	Early diuretic use and mortality in critically ill patients with vasopressor support: a propensity score-matching analysis. Critical Care, 2019, 23, 9.	5.8	38
59	Generation of Small Single Domain Nanobody Binders for Sensitive Detection of Testosterone by Electrochemical Impedance Spectroscopy. ACS Applied Materials & Interfaces, 2016, 8, 13830-13839.	8.0	37
60	Quantum dots for electrochemiluminescence bioanalysis - A review. Analytica Chimica Acta, 2022, 1209, 339140.	5.4	37
61	Exfoliation and Sensitization of 2D Carbon Nitride for Photoelectrochemical Biosensing under Red Light. Chemistry - A European Journal, 2019, 25, 15680-15686.	3.3	36
62	Coupling metal-organic framework nanosphere and nanobody for boosted photoelectrochemical immunoassay of Human Epididymis Protein 4. Analytica Chimica Acta, 2020, 1107, 145-154.	5.4	36
63	An effective approach to synthesis of poly(methyl methacrylate)/silica nanocomposites. Nanotechnology, 2006, 17, 4796-4801.	2.6	35
64	Boosted Electrochemical Immunosensing of Genetically Modified Crop Markers Using Nanobody and Mesoporous Carbon. ACS Sensors, 2018, 3, 684-691.	7.8	35
65	Ultrafast Condensation of Carbon Nitride on Electrodes with Exceptional Boosted Photocurrent and Electrochemiluminescence. Angewandte Chemie, 2020, 132, 1155-1159.	2.0	35
66	Cascaded Nanozyme System with High Reaction Selectivity by Substrate Screening and Channeling in a Microfluidic Device**. Angewandte Chemie - International Edition, 2022, 61, e202112453.	13.8	35
67	Metal-doped carbon nitrides: synthesis, structure and applications. New Journal of Chemistry, 2021, 45, 11876-11892.	2.8	33
68	Polyelectrolyte-functionalized ionic liquid for electrochemistry in supporting electrolyte-free aqueous solutions and application in amperometric flow injection analysis. Green Chemistry, 2007, 9, 746.	9.0	32
69	Directing single-walled carbon nanotubes to self-assemble at water/oil interfaces and facilitate electron transfer. Chemical Communications, 2008, , 4273.	4.1	31
70	Association between postoperative fluid balance and acute kidney injury in patients after cardiac surgery: A retrospective cohort study. Journal of Critical Care, 2018, 44, 273-277.	2.2	31
71	Hotâ€“Tailoring of Carbon Nitride Dots with Redshifted Photoluminescence for Visual Double Text Encryption and Bioimaging. Chemistry - A European Journal, 2019, 25, 10188-10196.	3.3	31
72	Recent Advances of Electrochemiluminescent System in Bioassay. Journal of Analysis and Testing, 2020, 4, 57-75.	5.1	30

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73	Synthesis of highly faceted multiply twinned gold nanocrystals stabilized by polyoxometalates. <i>Nanotechnology</i> , 2006, 17, 4689-4694.	2.6	29
74	Association between serum osmolarity and mortality in patients who are critically ill: a retrospective cohort study. <i>BMJ Open</i> , 2017, 7, e015729.	1.9	29
75	Preparation of carbon nitride nanoparticles by nanoprecipitation method with high yield and enhanced photocatalytic activity. <i>Chinese Chemical Letters</i> , 2020, 31, 513-516.	9.0	29
76	Photoconductivity and enhanced memory effects in hybrid C ₆₀ -graphene transistors. <i>Nanotechnology</i> , 2012, 23, 455202.	2.6	28
77	Harnessing Photoluminescent Properties of Carbon Nitride Nanosheets in a Hierarchical Matrix. <i>Advanced Functional Materials</i> , 2019, 29, 1905576.	14.9	28
78	Non-covalent pre-organization of molecular precursors: A facile approach for engineering structures and activities of pyrolyzed Co-N-C electrocatalysts. <i>Carbon</i> , 2019, 144, 312-320.	10.3	28
79	Enhanced response induced by polyelectrolyte-functionalized ionic liquid in glucose biosensor based on sol-gel organic-inorganic hybrid material. <i>Journal of Electroanalytical Chemistry</i> , 2007, 608, 78-83.	3.8	27
80	An enzyme cascade-based electrochemical immunoassay using a polydopamine-carbon nanotube nanocomposite for signal amplification. <i>Journal of Materials Chemistry B</i> , 2018, 6, 8180-8187.	5.8	27
81	Comparison of two-typed (3-mercaptopropyl)trimethoxysilane-based networks on Au substrates. <i>Talanta</i> , 2005, 65, 481-488.	5.5	26
82	Hemicyanine-based near-infrared fluorescent probe for the ultrasensitive detection of hNQO1 activity and discrimination of human cancer cells. <i>Analytica Chimica Acta</i> , 2019, 1090, 125-132.	5.4	25
83	Recent advances of functional nucleic acids-based electrochemiluminescent sensing. <i>Biosensors and Bioelectronics</i> , 2021, 191, 113462.	10.1	25
84	Electrostatic assembly of polyaniline and platinum-poly(amidoamine) dendrimers hybrid nanocomposite multilayer, and its electrocatalysis towards CO and O ₂ . <i>Journal of Electroanalytical Chemistry</i> , 2007, 599, 127-135.	3.8	24
85	Solution-based processing of carbon nitride composite for boosted photocatalytic activities. <i>Chinese Chemical Letters</i> , 2018, 29, 437-440.	9.0	24
86	Elucidating Orbital Delocalization Effects on Boosting Electrochemiluminescence Efficiency of Carbon Nitrides. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	24
87	Ion-Responsive Behavior of Ionic Liquid Surfactant Aggregates with Applications in Controlled Release and Emulsification. <i>ChemPhysChem</i> , 2008, 9, 2198-2202.	2.1	23
88	Multi-layer electron transfer across nanostructured Ag-SAM-Au-SAM junctions probed by surface enhanced Raman spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 9822.	2.8	23
89	Stimulus-responsive nanocarriers for targeted drug delivery. <i>New Journal of Chemistry</i> , 2021, 45, 4534-4544.	2.8	23
90	Association between fluid intake and mortality in critically ill patients with negative fluid balance: a retrospective cohort study. <i>Critical Care</i> , 2017, 21, 104.	5.8	22

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91	The fragility of randomized controlled trials in intracranial hemorrhage. <i>Neurosurgical Review</i> , 2019, 42, 9-14.	2.4	21
92	Electropolymerization of polypyrrole on PFILâ€PSS-modified electrodes without added support electrolytes. <i>Journal of Electroanalytical Chemistry</i> , 2006, 596, 33-37.	3.8	20
93	Fabrication and electrochemical characterization of electrostatic assembly of polyelectrolyte-functionalized ionic liquid and Prussian blue ultrathin films. <i>Journal of Electroanalytical Chemistry</i> , 2008, 616, 1-6.	3.8	20
94	Fullerene assemblies toward photo-energy conversions. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 7199-7204.	2.8	20
95	Carbon Nitride Co-catalyst Activation Using N-Doped Carbon with Enhanced Photocatalytic H ₂ Evolution. <i>Langmuir</i> , 2019, 35, 12366-12373.	3.5	20
96	Promoting condensation kinetics of polymeric carbon nitride for enhanced photocatalytic activities. <i>Chinese Chemical Letters</i> , 2020, 31, 115-118.	9.0	20
97	A photoelectrochemical immunoassay for tumor necrosis factor-Î± using a GO-PTCNH ₂ nanohybrid as a probe. <i>Journal of Electroanalytical Chemistry</i> , 2018, 824, 195-200.	3.8	19
98	Antimony selenide/graphene oxide composite for sensitive photoelectrochemical detection of DNA methyltransferase activity. <i>Journal of Materials Chemistry B</i> , 2019, 7, 6789-6795.	5.8	19
99	Effect of Carbon Supports on Enhancing Mass Kinetic Current Density of Feâ€N/C Electrocatalysts. <i>Chemistry - A European Journal</i> , 2017, 23, 14597-14603.	3.3	18
100	Microstructured objects produced by the supramolecular hierarchical assembly of an organic free radical gathering hydrophobic-amphiphilic characteristics. <i>Chemical Science</i> , 2012, 3, 1958.	7.4	17
101	Nanobody-based electrochemical immunoassay for <i>Bacillus thuringiensis</i> Cry1Ab toxin by detecting the enzymatic formation of polyaniline. <i>Mikrochimica Acta</i> , 2015, 182, 2451-2459.	5.0	17
102	Interaction between low tidal volume ventilation strategy and severity of acute respiratory distress syndrome: a retrospective cohort study. <i>Critical Care</i> , 2019, 23, 254.	5.8	17
103	Biomimetic smart nanoplatform for dual imaging-guided synergistic cancer therapy. <i>Journal of Materials Chemistry B</i> , 2022, 10, 966-976.	5.8	16
104	Enhanced light-driven catalytic performance of cytochrome P450 confined in macroporous silica. <i>Chemical Communications</i> , 2016, 52, 7703-7706.	4.1	15
105	Time-related association between fluid balance and mortality in sepsis patients: interaction between fluid balance and haemodynamics. <i>Scientific Reports</i> , 2018, 8, 10390.	3.3	15
106	Water Molecule-Triggered Anisotropic Deformation of Carbon Nitride Nanoribbons Enabling Contactless Respiratory Inspection. <i>CCS Chemistry</i> , 2021, 3, 1615-1625.	7.8	15
107	The Feâ€Nâ€C Nanozyme with Both Accelerated and Inhibited Biocatalytic Activities Capable of Accessing Drugâ€Drug Interactions. <i>Angewandte Chemie</i> , 2020, 132, 14606-14611.	2.0	14
108	One-pot electrografting preparation of bifunctionalized carbon nanotubes for sensitive electrochemical immunosensing. <i>Journal of Electroanalytical Chemistry</i> , 2020, 860, 113906.	3.8	14

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109	Re-Examination of Plotting Analytical Response against Different Forms of Concentration. <i>Analytical Chemistry</i> , 2021, 93, 11910-11914.	6.5	14
110	Lighting Up Electrochemiluminescence-Inactive Dyes via Grafting Enabled by Intramolecular Resonance Energy Transfer. <i>Analytical Chemistry</i> , 2022, 94, 3296-3302.	6.5	14
111	Simultaneous Synthesis of Polyaniline Nanotubules and Gold Nanoplates. <i>Crystal Growth and Design</i> , 2008, 8, 1827-1832.	3.0	13
112	Vx3-Functionalized Alumina Nanoparticles Assisted Enrichment of Ubiquitinated Proteins from Cancer Cells for Enhanced Cancer Immunotherapy. <i>Bioconjugate Chemistry</i> , 2018, 29, 786-794.	3.6	13
113	Preparation of colorless ionic liquids for spectroscopy. <i>Talanta</i> , 2009, 78, 805-808.	5.5	12
114	Fast and facile preparation of superhigh aspect-ratio Cu ₂ S nanowires in large quantity. <i>Materials Letters</i> , 2007, 61, 3632-3634.	2.6	11
115	Nanoplasmonic Modification of the Local Morphology, Shape, and Wetting Properties of Nanoflake Microparticles. <i>Langmuir</i> , 2013, 29, 7464-7471.	3.5	11
116	High-flow nasal cannula versus noninvasive positive pressure ventilation in acute respiratory failure: interaction between PaO ₂ /FiO ₂ and tidal volume. <i>Critical Care</i> , 2017, 21, 285.	5.8	11
117	Detection of IgG antibody during the follow-up in patients with COVID-19 infection. <i>Critical Care</i> , 2020, 24, 448.	5.8	10
118	A Novel Biomimetic Magnetosensor Based on Magneto-Optically Involved Conformational Variation of MagR/Cry4 Complex. <i>Advanced Electronic Materials</i> , 2020, 6, 1901168.	5.1	10
119	Current applications of platelet gels in wound healing—A review. <i>Wound Repair and Regeneration</i> , 2021, 29, 370-379.	3.0	10
120	Exfoliation of Graphene and Assembly Formation with Alkylated C ₆₀ : A Nanocarbon Hybrid towards Photo-Energy Conversion Electrode Devices. <i>Advanced Optical Materials</i> , 2015, 3, 925-930.	7.3	9
121	Efficacy of Thymosin Alpha 1 in the Treatment of COVID-19: A Multicenter Cohort Study. <i>Frontiers in Immunology</i> , 2021, 12, 673693.	4.8	9
122	Quantitative evaluation of O ₂ activation half-reaction for Fe-N-C in oxidase-like activity enhancement. <i>Catalysis Science and Technology</i> , 2021, 11, 7255-7259.	4.1	9
123	Self-assembled monolayers of 1-(2-cyanoethyl)pyrrole on gold electrode. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 257-258, 149-154.	4.7	8
124	Controlled synthesis of 2D Au nanostructure assembly with the assistance of sulfonated polyaniline nanotubes. <i>Nanotechnology</i> , 2006, 17, 2641-2648.	2.6	8
125	Hyperthermia is a predictor of high mortality in patients with sepsis. <i>Critical Care</i> , 2020, 24, 543.	5.8	8
126	Loop diuretic use in patients with AKI: different severity, different response. <i>Critical Care</i> , 2018, 22, 202.	5.8	7

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127	Perioperative Fluid Restriction in Abdominal Surgery: A Systematic Review and Meta-analysis. World Journal of Surgery, 2019, 43, 2747-2755.	1.6	6
128	Electrochemiluminescent detection of hNQO1 and associated drug screening enabled by futile redox cycle reaction. Sensors and Actuators B: Chemical, 2020, 321, 128557.	7.8	6
129	Fluid intake-related association between urine output and mortality in acute respiratory distress syndrome. Respiratory Research, 2020, 21, 24.	3.6	6
130	Developments in the production of platelets from stem cells (Review). Molecular Medicine Reports, 2020, 23, 1-1.	2.4	6
131	Hyposmolarity may be also associated with worse outcomes in patients with heart failure. International Journal of Cardiology, 2017, 229, 53.	1.7	5
132	Impact of Fluid Balance on Mortality Is Mediated by Fluid Accumulation Index in Sepsis: A Cohort Study. Journal of Intensive Care Medicine, 2020, 36, 088506662096062.	2.8	5
133	Cascaded Nanozyme System with High Reaction Selectivity by Substrate Screening and Channeling in a Microfluidic Device**. Angewandte Chemie, 2022, 134, .	2.0	5
134	Early low-energy versus high-energy enteral nutrition support in patients with traumatic intracerebral haemorrhage: protocol for a randomised controlled trial. BMJ Open, 2017, 7, e019199.	1.9	4
135	Carbon Nitride-Based Biosensors. , 2021, , 175-225.		4
136	Impact of partial pressure of oxygen trajectories on the incidence of acute kidney injury in patients undergoing cardiopulmonary bypass. Journal of Cardiology, 2021, , .	1.9	4
137	Association Between Hyperoxia and Mortality After Cardiac Arrest. Critical Care Medicine, 2015, 43, e464-e465.	0.9	3
138	Effect of high flow nasal cannula therapy may be modified by PaO2/FiO2 ratio in acute hypoxemic respiratory failure. Intensive Care Medicine, 2019, 45, 1169-1170.	8.2	3
139	High bright light therapy may reduce delirium incidence in critically ill patients. Intensive Care Medicine, 2019, 45, 755-756.	8.2	3
140	Novel phenotypes of coronavirus disease: a temperature-based trajectory model. Annals of Intensive Care, 2021, 11, 121.	4.6	3
141	Association between enteral nutrition support and neurological outcome in patients with acute intracranial haemorrhage: A retrospective cohort study. Scientific Reports, 2019, 9, 16507.	3.3	2
142	Positive fluid balance is associated with increased in-hospital mortality in patients with intracerebral hemorrhage. Brain Injury, 2019, 33, 212-217.	1.2	2
143	Association between body mass index and effectiveness of continuous positive airway pressure in patients with obstructive sleep apnea: a retrospective study. Sleep and Breathing, 2020, 24, 1075-1081.	1.7	2
144	An adaptive fractal model for sublingual microcirculation. Microvascular Research, 2021, 134, 104101.	2.5	2

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145	Inconsistent Evidence of Corticosteroid Use in Different Respiratory Disorders. <i>Clinical Infectious Diseases</i> , 2021, 72, e914-e914.	5.8	2
146	Dynamic prediction of late noninvasive ventilation failure in intensive care unit using a time adaptive machine model. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 208, 106290.	4.7	2
147	Association Between Oxygen Partial Pressure Trajectories and Short-Term Outcomes in Patients With Hemorrhagic Brain Injury. <i>Frontiers in Medicine</i> , 2021, 8, 681200.	2.6	2
148	Exotic Self-Organized Fullerene Materials Based on Uncommon Hydrophobicâ€“Amphiphilic Approach. <i>Structure and Bonding</i> , 2013, , 1-21.	1.0	1
149	Early antibiotic treatment for gradual ventilator-associated pneumonia: yes or no?. <i>Critical Care</i> , 2016, 20, 340.	5.8	1
150	Letter: Early Moderate Hyperoxemia does not Predict Outcome after Aneurysmal Subarachnoid Hemorrhage. <i>Neurosurgery</i> , 2017, 80, E252-E252.	1.1	1
151	Interaction between serum chloride increase and baseline chloride level. <i>Intensive Care Medicine</i> , 2019, 45, 909-910.	8.2	1
152	Facile Preparation of WO ₃ x Dots with Remarkably Low Toxicity and Uncompromised Activity as Co-reactants for Clinical Diagnosis by Electrochemiluminescence. <i>Angewandte Chemie</i> , 2020, 132, 16890.	2.0	1
153	Early or Late Tracheostomy in Patients With Traumatic Brain Injury. <i>Critical Care Medicine</i> , 2021, 49, e335-e336.	0.9	1
154	Impact of chronic respiratory diseases on re-intubation rate in critically ill patients: a cohort study. <i>Scientific Reports</i> , 2021, 11, 8663.	3.3	1
155	Associations Between Peritoneal Dialysis, Fluid Balance, and Clinical Outcomes. <i>Annals of Thoracic Surgery</i> , 2021, 111, 1739-1740.	1.3	1
156	Developments in the production of platelets from stem cells (Review). <i>Molecular Medicine Reports</i> , 2021, 23, .	2.4	1
157	Prophylactic amiodarone: Use it or not?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 891-892.	0.8	0
158	Red blood cell transfusion in acute pulmonary embolism. <i>Respirology</i> , 2018, 23, 1076-1076.	2.3	0
159	The benefit of recruitment maneuver during noninvasive ventilation in patients after cardiac surgery remains unclear. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, e177-e178.	0.8	0
160	Letter: Heterogeneous Effect of Tranexamic Acid in Traumatic Brain Injury. <i>Neurosurgery</i> , 2021, 88, E361-E363.	1.1	0