

# Yanfei Shen

## List of Publications by Citations

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155  
papers

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165  
ext. papers

6,182  
ext. citations

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6.02  
L-index

#	Paper	IF	Citations
155	Molecular engineering of polymeric carbon nitride: advancing applications from photocatalysis to biosensing and more. <i>Chemical Society Reviews</i> , <b>2018</b> , 47, 2298-2321	58.5	362
154	Dissolution and liquid crystals phase of 2D polymeric carbon nitride. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 2179-82	16.4	244
153	Chemical Cleavage of Layered Carbon Nitride with Enhanced Photoluminescent Performances and Photoconduction. <i>ACS Nano</i> , <b>2015</b> , 9, 12480-7	16.7	211
152	Simultaneous Noncovalent Modification and Exfoliation of 2D Carbon Nitride for Enhanced Electrochemiluminescent Biosensing. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 11698-11701	16.4	202
151	Electrochemical functionalization of single-walled carbon nanotubes in large quantities at a room-temperature ionic liquid supported three-dimensional network electrode. <i>Langmuir</i> , <b>2005</b> , 21, 4797-800	13.6	136
150	Design and synthesis of multifunctional materials based on an ionic-liquid backbone. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 5867-70	16.4	132
149	Competitive Multiple-Mechanism-Driven Electrochemiluminescent Detection of 8-Hydroxy-2-Deoxyguanosine. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 2801-2804	16.4	128
148	Poly-L-lysine Functionalization of Single-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 15343-15346	3.4	128
147	Reversible Assembly of Graphitic Carbon Nitride 3D Network for Highly Selective Dyes Absorption and Regeneration. <i>ACS Nano</i> , <b>2016</b> , 10, 9036-43	16.7	128
146	Environment-friendly preparation of porous graphite-phase polymeric carbon nitride using calcium carbonate as templates, and enhanced photoelectrochemical activity. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 5126-5131	13	121
145	Chemically Modulated Carbon Nitride Nanosheets for Highly Selective Electrochemiluminescent Detection of Multiple Metal-ions. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 6004-10	7.8	110
144	Thionine-interlinked multi-walled carbon nanotube/gold nanoparticle composites. <i>Carbon</i> , <b>2007</b> , 45, 2111-2115	10.4	108
143	Recent advances of doped carbon as non-precious catalysts for oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 15704-15716	13	96
142	Self-assembly made durable: water-repellent materials formed by cross-linking fullerene derivatives. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 2166-70	16.4	85
141	Superstructures and superhydrophobic property in hierarchical organized architectures of fullerenes bearing long alkyl tails. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 1253-1260		82
140	Electron transport and electrochemistry of mesomorphic fullerenes with long-range ordered lamellae. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 9236-7	16.4	81
139	Carbon nanotubes and glucose oxidase bionanocomposite bridged by ionic liquid-like unit: preparation and electrochemical properties. <i>Biosensors and Bioelectronics</i> , <b>2007</b> , 23, 438-43	11.8	81

138	Assembly of fullerene-carbon nanotubes: temperature indicator for photothermal conversion. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 8566-8	16.4	76
137	Immobilization of ionic liquid with polyelectrolyte as carrier. <i>Chemical Communications</i> , <b>2005</b> , 4193-5	5.8	76
136	Potential-Modulated Electrochemiluminescence of Carbon Nitride Nanosheets for Dual-Signal Sensing of Metal Ions. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 23672-8	9.5	74
135	A biomass derived N/C-catalyst for the electrochemical production of hydrogen peroxide. <i>Chemical Communications</i> , <b>2017</b> , 53, 9994-9997	5.8	70
134	Electropolymerization and catalysis of well-dispersed polyaniline/carbon nanotube/gold composite. <i>Journal of Electroanalytical Chemistry</i> , <b>2007</b> , 599, 121-126	4.1	70
133	Coupling polymorphic nanostructured carbon nitrides into an isotype heterojunction with boosted photocatalytic H evolution. <i>Chemical Communications</i> , <b>2017</b> , 53, 2978-2981	5.8	64
132	Metal-Free All-Carbon Nanohybrid for Ultrasensitive Photoelectrochemical Immunosensing of alpha-Fetoprotein. <i>ACS Sensors</i> , <b>2018</b> , 3, 1385-1391	9.2	59
131	Reinforcement of silica with single-walled carbon nanotubes through covalent functionalization. <i>Journal of Materials Chemistry</i> , <b>2006</b> , 16, 4592		58
130	Crystallinity Modulation of Layered Carbon Nitride for Enhanced Photocatalytic Activities. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 12449-54	4.8	58
129	Ultrafast Condensation of Carbon Nitride on Electrodes with Exceptional Boosted Photocurrent and Electrochemiluminescence. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 1139-1143	16.4	57
128	Unraveling fundamental active units in carbon nitride for photocatalytic oxidation reactions. <i>Nature Communications</i> , <b>2021</b> , 12, 320	17.4	55
127	Supramolecular templates for nanoflake-metal surfaces. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 2763-7.8	7.8	53
126	Direct electron transfer of horseradish peroxidase and its electrocatalysis based on carbon nanotube/thionine/gold composites. <i>Electrochemistry Communications</i> , <b>2008</b> , 10, 306-310	5.1	50
125	Highly Selective and Sensitive Electrochemical Immunoassay of Cry1C Using Nanobody and $\pi$ -Stacked Graphene Oxide/Thionine Assembly. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 9830-9836	7.8	49
124	Room-temperature ionic liquids as media to enhance the electrochemical stability of self-assembled monolayers of alkanethiols on gold electrodes. <i>Chemical Communications</i> , <b>2005</b> , 360-2	5.8	47
123	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 &amp; Interfaces</i> , <b>2018</b> , 10, 35327-35333	9.5	47
122	Single-wall carbon nanotube latexes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2010</b> , 2, 649-53	9.5	46
121	Assembly of carbon nanotubes and alkylated fullerenes: nanocarbon hybrid towards photovoltaic applications. <i>Chemical Science</i> , <b>2011</b> , 2, 2243	9.4	45

120	Ionic liquid-derived Fe <sub>N</sub> /C catalysts for highly efficient oxygen reduction reaction without any supports, templates, or multi-step pyrolysis. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 6630-6638	13	44
119	The Fe-N-C Nanozyme with Both Accelerated and Inhibited Biocatalytic Activities Capable of Accessing Drug-Drug Interactions. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 14498-14503	16.4	43
118	Direct Immunoassay for Facile and Sensitive Detection of Small Molecule Aflatoxin B based on Nanobody. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 9869-9876	4.8	43
117	Coupling multiphase-Fe and hierarchical N-doped graphitic carbon as trifunctional electrocatalysts by supramolecular preorganization of precursors. <i>Chemical Communications</i> , <b>2017</b> , 53, 2044-2047	5.8	42
116	Flowerlike supramolecular architectures assembled from C60 equipped with a pyridine substituent. <i>Chemical Communications</i> , <b>2010</b> , 46, 8752-4	5.8	38
115	Platelet-to-lymphocyte ratio as a prognostic predictor of mortality for sepsis: interaction effect with disease severity-a retrospective study. <i>BMJ Open</i> , <b>2019</b> , 9, e022896	3	37
114	Highly Sensitive and Quality Self-Testable Electrochemiluminescence Assay of DNA Methyltransferase Activity Using Multifunctional Sandwich-Assembled Carbon Nitride Nanosheets. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 6887-6894	9.5	36
113	Effect of high/low dose N-acetylcysteine on chronic obstructive pulmonary disease: a systematic review and meta-analysis. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , <b>2014</b> , 11, 351-8	2	36
112	One-step synthesis of 3D dendritic gold/polypyrrole nanocomposites via a self-assembly method. <i>Nanotechnology</i> , <b>2006</b> , 17, 283-288	3.4	35
111	Comparison Study of the Photoelectrochemical Activity of Carbon Nitride with Different Photoelectrode Configurations. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 22287-94	9.5	35
110	Coupled Fluorometer-Potentiostat System and Metal-Free Monochromatic Luminophores for High-Resolution Wavelength-Resolved Electrochemiluminescent Multiplex Bioassay. <i>ACS Sensors</i> , <b>2018</b> , 3, 1362-1367	9.2	33
109	Simultaneous Unlocking Optoelectronic and Interfacial Properties of C for Ultrasensitive Immunosensing by Coupling to Metal-Organic Framework. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 983-990	7.8	33
108	Polyelectrolyte-functionalized ionic liquid for electrochemistry in supporting electrolyte-free aqueous solutions and application in amperometric flow injection analysis. <i>Green Chemistry</i> , <b>2007</b> , 9, 746	10	31
107	An effective approach to synthesis of poly(methyl methacrylate)/silica nanocomposites. <i>Nanotechnology</i> , <b>2006</b> , 17, 4796-4801	3.4	31
106	Generation of Small Single Domain Nanobody Binders for Sensitive Detection of Testosterone by Electrochemical Impedance Spectroscopy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 13830-9	9.5	31
105	Driving electrochemical oxygen reduction and hydrazine oxidation reaction by enzyme-inspired polymeric Cu(3,3'-diaminobenzidine) catalyst. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 17413-17420	13	30
104	Directing single-walled carbon nanotubes to self-assemble at water/oil interfaces and facilitate electron transfer. <i>Chemical Communications</i> , <b>2008</b> , 4273-5	5.8	30
103	Engineering of CdTe/SiO <sub>2</sub> nanocomposites: Enhanced signal amplification and biocompatibility for electrochemiluminescent immunoassay of alpha-fetoprotein. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 131, 178-184	11.8	30

102	Dissolution and homogeneous photocatalysis of polymeric carbon nitride. <i>Chemical Science</i> , <b>2018</b> , 9, 7912-7915	9.4	29
101	Facile Preparation of WO Dots with Remarkably Low Toxicity and Uncompromised Activity as Co-reactants for Clinical Diagnosis by Electrochemiluminescence. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 16747-16754	16.4	28
100	Synthesis of highly faceted multiply twinned gold nanocrystals stabilized by polyoxometalates. <i>Nanotechnology</i> , <b>2006</b> , 17, 4689-94	3.4	27
99	Boosting the Sensitivity of a Photoelectrochemical Immunoassay by Using SiO <sub>2</sub> @polydopamine Core-shell Nanoparticles as a Highly Efficient Quencher. <i>ACS Applied Nano Materials</i> , <b>2019</b> , 2, 1579-1588	5.6	27
98	Boosted Electrochemical Immunosensing of Genetically Modified Crop Markers Using Nanobody and Mesoporous Carbon. <i>ACS Sensors</i> , <b>2018</b> , 3, 684-691	9.2	26
97	Enhanced response induced by polyelectrolyte-functionalized ionic liquid in glucose biosensor based on sol-gel organic/organic hybrid material. <i>Journal of Electroanalytical Chemistry</i> , <b>2007</b> , 608, 78-83	4.1	26
96	Design and Synthesis of Multifunctional Materials Based on an Ionic-Liquid Backbone. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 5999-6002	3.6	26
95	Comparison of two-typed (3-mercaptopropyl)trimethoxysilane-based networks on Au substrates. <i>Talanta</i> , <b>2005</b> , 65, 481-8	6.2	26
94	Molecular engineering of C <sub>x</sub> N <sub>y</sub> : Topologies, electronic structures and multidisciplinary applications. <i>Chinese Chemical Letters</i> , <b>2020</b> , 31, 3047-3054	8.1	25
93	Exfoliation and Sensitization of 2D Carbon Nitride for Photoelectrochemical Biosensing under Red Light. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 15680-15686	4.8	24
92	Photoconductivity and enhanced memory effects in hybrid C60-graphene transistors. <i>Nanotechnology</i> , <b>2012</b> , 23, 455202	3.4	24
91	Hot-Tailoring of Carbon Nitride Dots with Redshifted Photoluminescence for Visual Double Text Encryption and Bioimaging. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 10188-10196	4.8	23
90	Electrostatic assembly of polyaniline and platinum-poly(amidoamine) dendrimers hybrid nanocomposite multilayer, and its electrocatalysis towards CO and O <sub>2</sub> . <i>Journal of Electroanalytical Chemistry</i> , <b>2007</b> , 599, 127-135	4.1	23
89	Multi-layer electron transfer across nanostructured Ag-SAM-Au-SAM junctions probed by surface enhanced Raman spectroscopy. <i>Physical Chemistry Chemical Physics</i> , <b>2010</b> , 12, 9822-9	3.6	22
88	Coupling aptazyme and catalytic hairpin assembly for cascaded dual signal amplified electrochemiluminescence biosensing. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 150, 111945	11.8	22
87	Non-covalent pre-organization of molecular precursors: A facile approach for engineering structures and activities of pyrolyzed Co-N-C electrocatalysts. <i>Carbon</i> , <b>2019</b> , 144, 312-320	10.4	22
86	Preparation of carbon nitride nanoparticles by nanoprecipitation method with high yield and enhanced photocatalytic activity. <i>Chinese Chemical Letters</i> , <b>2020</b> , 31, 513-516	8.1	22
85	An enzyme cascade-based electrochemical immunoassay using a polydopamine-carbon nanotube nanocomposite for signal amplification. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 8180-8187	7.3	22

84	Early diuretic use and mortality in critically ill patients with vasopressor support: a propensity score-matching analysis. <i>Critical Care</i> , <b>2019</b> , 23, 9	10.8	21
83	Solution-based processing of carbon nitride composite for boosted photocatalytic activities. <i>Chinese Chemical Letters</i> , <b>2018</b> , 29, 437-440	8.1	20
82	Ion-responsive behavior of ionic-liquid surfactant aggregates with applications in controlled release and emulsification. <i>ChemPhysChem</i> , <b>2008</b> , 9, 2198-202	3.2	20
81	Electropolymerization of polypyrrole on PFILBSS-modified electrodes without added support electrolytes. <i>Journal of Electroanalytical Chemistry</i> , <b>2006</b> , 596, 33-37	4.1	20
80	Recent Advances of Electrochemiluminescent System in Bioassay. <i>Journal of Analysis and Testing</i> , <b>2020</b> , 4, 57-75	3.2	19
79	Harnessing Photoluminescent Properties of Carbon Nitride Nanosheets in a Hierarchical Matrix. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1905576	15.6	19
78	Fabrication and electrochemical characterization of electrostatic assembly of polyelectrolyte-functionalized ionic liquid and Prussian blue ultrathin films. <i>Journal of Electroanalytical Chemistry</i> , <b>2008</b> , 616, 1-6	4.1	19
77	Association between postoperative fluid balance and acute kidney injury in patients after cardiac surgery: A retrospective cohort study. <i>Journal of Critical Care</i> , <b>2018</b> , 44, 273-277	4	19
76	Coupling metal-organic framework nanosphere and nanobody for boosted photoelectrochemical immunoassay of Human Epididymis Protein 4. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1107, 145-154	6.6	18
75	Fullerene assemblies toward photo-energy conversions. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 7199-204	3.6	18
74	Ultrafast Condensation of Carbon Nitride on Electrodes with Exceptional Boosted Photocurrent and Electrochemiluminescence. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 1155-1159	3.6	18
73	Microstructured objects produced by the supramolecular hierarchical assembly of an organic free radical gathering hydrophobic-amphiphilic characteristics. <i>Chemical Science</i> , <b>2012</b> , 3, 1958	9.4	17
72	Carbon nitride of five-membered rings with low optical bandgap for photoelectrochemical biosensing. <i>Chem</i> , <b>2021</b> ,	16.2	17
71	Hemicyanine-based near-infrared fluorescent probe for the ultrasensitive detection of hNQO1 activity and discrimination of human cancer cells. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1090, 125-132	6.6	16
70	The fragility of randomized controlled trials in intracranial hemorrhage. <i>Neurosurgical Review</i> , <b>2019</b> , 42, 9-14	3.9	16
69	Promoting condensation kinetics of polymeric carbon nitride for enhanced photocatalytic activities. <i>Chinese Chemical Letters</i> , <b>2020</b> , 31, 115-118	8.1	16
68	Effect of Carbon Supports on Enhancing Mass Kinetic Current Density of Fe-N/C Electrocatalysts. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 14597-14603	4.8	15
67	Association between fluid intake and mortality in critically ill patients with negative fluid balance: a retrospective cohort study. <i>Critical Care</i> , <b>2017</b> , 21, 104	10.8	14

66	Nanobody-based electrochemical immunoassay for <i>Bacillus thuringiensis</i> Cry1Ab toxin by detecting the enzymatic formation of polyaniline. <i>Mikrochimica Acta</i> , <b>2015</b> , 182, 2451-2459	5.8	14
65	Association between serum osmolarity and mortality in patients who are critically ill: a retrospective cohort study. <i>BMJ Open</i> , <b>2017</b> , 7, e015729	3	13
64	Carbon Nitride Co-catalyst Activation Using N-Doped Carbon with Enhanced Photocatalytic H Evolution. <i>Langmuir</i> , <b>2019</b> , 35, 12366-12373	4	13
63	Simultaneous Synthesis of Polyaniline Nanotubes and Gold Nanoplates. <i>Crystal Growth and Design</i> , <b>2008</b> , 8, 1827-1832	3.5	13
62	Water Molecule-Triggered Anisotropic Deformation of Carbon Nitride Nanoribbons Enabling Contactless Respiratory Inspection. <i>CCS Chemistry</i> , <b>2021</b> , 3, 1615-1625	7.2	13
61	Vx3-Functionalized Alumina Nanoparticles Assisted Enrichment of Ubiquitinated Proteins from Cancer Cells for Enhanced Cancer Immunotherapy. <i>Bioconjugate Chemistry</i> , <b>2018</b> , 29, 786-794	6.3	12
60	A photoelectrochemical immunoassay for tumor necrosis factor- $\alpha$ using a GO-PTCNH <sub>2</sub> nanohybrid as a probe. <i>Journal of Electroanalytical Chemistry</i> , <b>2018</b> , 824, 195-200	4.1	12
59	A Dual Functional Self-Enhanced Electrochemiluminescent Nanohybrid for Label-Free MicroRNA Detection. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 8971-8977	7.8	12
58	Antimony selenide/graphene oxide composite for sensitive photoelectrochemical detection of DNA methyltransferase activity. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 6789-6795	7.3	12
57	The Fe-N-C Nanozyme with Both Accelerated and Inhibited Biocatalytic Activities Capable of Accessing Drug-Drug Interactions. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 14606-14611	3.6	11
56	Nanoplasmonic modification of the local morphology, shape, and wetting properties of nanoflake microparticles. <i>Langmuir</i> , <b>2013</b> , 29, 7464-71	4	11
55	Preparation of colorless ionic liquids "on water" for spectroscopy. <i>Talanta</i> , <b>2009</b> , 78, 805-8	6.2	11
54	Interaction between low tidal volume ventilation strategy and severity of acute respiratory distress syndrome: a retrospective cohort study. <i>Critical Care</i> , <b>2019</b> , 23, 254	10.8	10
53	Fast and facile preparation of superhigh aspect-ratio Cu <sub>2</sub> thiourea nanowires in large quantity. <i>Materials Letters</i> , <b>2007</b> , 61, 3632-3634	3.3	10
52	Bound oxygen-atom transfer endows peroxidase-mimic M-N-C with high substrate selectivity. <i>Chemical Science</i> , <b>2021</b> , 12, 8865-8871	9.4	10
51	Metal-doped carbon nitrides: synthesis, structure and applications. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 11876-11892	3.6	10
50	Time-related association between fluid balance and mortality in sepsis patients: interaction between fluid balance and haemodynamics. <i>Scientific Reports</i> , <b>2018</b> , 8, 10390	4.9	9
49	Exfoliation of Graphene and Assembly Formation with Alkylated-C60: A Nanocarbon Hybrid towards Photo-Energy Conversion Electrode Devices. <i>Advanced Optical Materials</i> , <b>2015</b> , 3, 925-930	8.1	9

48	Detection of IgG antibody during the follow-up in patients with COVID-19 infection. <i>Critical Care</i> , <b>2020</b> , 24, 448	10.8	9
47	Enhanced light-driven catalytic performance of cytochrome P450 confined in macroporous silica. <i>Chemical Communications</i> , <b>2016</b> , 52, 7703-6	5.8	9
46	Stimulus-responsive nanocarriers for targeted drug delivery. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 4534-4544	5.4	9
45	One-pot electrografting preparation of bifunctionalized carbon nanotubes for sensitive electrochemical immunosensing. <i>Journal of Electroanalytical Chemistry</i> , <b>2020</b> , 860, 113906	4.1	8
44	Controlled synthesis of 2D Au nanostructure assembly with the assistance of sulfonated polyaniline nanotubes. <i>Nanotechnology</i> , <b>2006</b> , 17, 2641-8	3.4	8
43	Self-assembled monolayers of 1-(2-cyanoethyl)pyrrole on gold electrode. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2005</b> , 257-258, 149-154	5.1	8
42	Recent advances of functional nucleic acids-based electrochemiluminescent sensing. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 191, 113462	11.8	8
41	Hyposmolarity may be also associated with worse outcomes in patients with heart failure. <i>International Journal of Cardiology</i> , <b>2017</b> , 229, 53	3.2	4
40	Fluid intake-related association between urine output and mortality in acute respiratory distress syndrome. <i>Respiratory Research</i> , <b>2020</b> , 21, 24	7.3	4
39	High-flow nasal cannula versus noninvasive positive pressure ventilation in acute respiratory failure: interaction between PaO <sub>2</sub> /FIO <sub>2</sub> and tidal volume. <i>Critical Care</i> , <b>2017</b> , 21, 285	10.8	4
38	Perioperative Fluid Restriction in Abdominal Surgery: A Systematic Review and Meta-analysis. <i>World Journal of Surgery</i> , <b>2019</b> , 43, 2747-2755	3.3	4
37	Early low-energy versus high-energy enteral nutrition support in patients with traumatic intracerebral haemorrhage: protocol for a randomised controlled trial. <i>BMJ Open</i> , <b>2017</b> , 7, e019199	3	4
36	Hyperthermia is a predictor of high mortality in patients with sepsis. <i>Critical Care</i> , <b>2020</b> , 24, 543	10.8	4
35	High bright light therapy may reduce delirium incidence in critically ill patients. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 755-756	14.5	3
34	Loop diuretic use in patients with AKI: different severity, different response. <i>Critical Care</i> , <b>2018</b> , 22, 202	10.8	3
33	Association Between Hyperoxia and Mortality After Cardiac Arrest. <i>Critical Care Medicine</i> , <b>2015</b> , 43, e464-e5	4.5	3
32	Cascaded Nanozyme System with High Reaction Selectivity by Substrate Screening and Channeling in a Microfluidic Device*. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 61, e202112453	16.4	3
31	Quantum dots for electrochemiluminescence bioanalysis - A review.. <i>Analytica Chimica Acta</i> , <b>2022</b> , 1209, 339140	6.6	3

30	Re-Examination of Plotting Analytical Response against Different Forms of Concentration. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 11910-11914	7.8	3
29	A Novel Biomimetic Magnetosensor Based on Magneto-Optically Involved Conformational Variation of MagR/Cry4 Complex. <i>Advanced Electronic Materials</i> , <b>2020</b> , 6, 1901168	6.4	2
28	Electrochemiluminescent detection of hNQO1 and associated drug screening enabled by futile redox cycle reaction. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 321, 128557	8.5	2
27	Carbon Nitride Based Biosensors <b>2021</b> , 175-225		2
26	Inconsistent Evidence of Corticosteroid Use in Different Respiratory Disorders. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 72, e914	11.6	2
25	Efficacy of Thymosin Alpha 1 in the Treatment of COVID-19: A Multicenter Cohort Study. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 673693	8.4	2
24	Effect of high flow nasal cannula therapy may be modified by PaO <sub>2</sub> /FiO <sub>2</sub> ratio in acute hypoxemic respiratory failure. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 1169-1170	14.5	1
23	Exotic Self-Organized Fullerene Materials Based on Uncommon Hydrophobic-Amphiphilic Approach. <i>Structure and Bonding</i> , <b>2013</b> , 1-21	0.9	1
22	Letter: Early Moderate Hyperoxemia does not Predict Outcome after Aneurysmal Subarachnoid Hemorrhage. <i>Neurosurgery</i> , <b>2017</b> , 80, E252	3.2	1
21	Impact of Fluid Balance on Mortality Is Mediated by Fluid Accumulation Index in Sepsis: A Cohort Study. <i>Journal of Intensive Care Medicine</i> , <b>2021</b> , 36, 1458-1465	3.3	1
20	Impact of chronic respiratory diseases on re-intubation rate in critically ill patients: a cohort study. <i>Scientific Reports</i> , <b>2021</b> , 11, 8663	4.9	1
19	Associations between peritoneal dialysis, fluid balance and clinical outcomes. <i>Annals of Thoracic Surgery</i> , <b>2020</b> ,	2.7	1
18	An adaptive fractal model for sublingual microcirculation. <i>Microvascular Research</i> , <b>2021</b> , 134, 104101	3.7	1
17	Early or Late Tracheostomy in Patients With Traumatic Brain Injury. <i>Critical Care Medicine</i> , <b>2021</b> , 49, e335-e336	14.5	1
16	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> , <b>2021</b> , 208, 106290	6.9	1
15	Interaction between serum chloride increase and baseline chloride level. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 909-910	14.5	0
14	Association between enteral nutrition support and neurological outcome in patients with acute intracranial haemorrhage: A retrospective cohort study. <i>Scientific Reports</i> , <b>2019</b> , 9, 16507	4.9	0
13	Developments in the production of platelets from stem cells (Review). <i>Molecular Medicine Reports</i> , <b>2020</b> , 23, 1-1	2.9	0

12	Quantitative evaluation of O <sub>2</sub> activation half-reaction for Fe <sup>III</sup> in oxidase-like activity enhancement. <i>Catalysis Science and Technology</i> ,	5.5	o
11	Association between body mass index and effectiveness of continuous positive airway pressure in patients with obstructive sleep apnea: a retrospective study. <i>Sleep and Breathing</i> , <b>2020</b> , 24, 1075-1081	3.1	o
10	Current applications of platelet gels in wound healing-A review. <i>Wound Repair and Regeneration</i> , <b>2021</b> , 29, 370-379	3.6	o
9	Early antibiotic treatment for gradual ventilator-associated pneumonia: yes or no?. <i>Critical Care</i> , <b>2016</b> , 20, 340	10.8	o
8	Novel phenotypes of coronavirus disease: a temperature-based trajectory model. <i>Annals of Intensive Care</i> , <b>2021</b> , 11, 121	8.9	o
7	Association Between Oxygen Partial Pressure Trajectories and Short-Term Outcomes in Patients With Hemorrhagic Brain Injury. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 681200	4.9	o
6	The benefit of recruitment maneuver during noninvasive ventilation in patients after cardiac surgery remains unclear. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 157, e177-e178	1.5	
5	Facile Preparation of WO <sub>3</sub> Dots with Remarkably Low Toxicity and Uncompromised Activity as Co-reactants for Clinical Diagnosis by Electrochemiluminescence. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 16890 <sup>3,6</sup>		
4	Prophylactic amiodarone: Use it or not?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2016</b> , 151, 891-892		
3	Letter: Heterogeneous Effect of Tranexamic Acid in Traumatic Brain Injury. <i>Neurosurgery</i> , <b>2021</b> , 88, E361-E363		
2	Positive fluid balance is associated with increased in-hospital mortality in patients with intracerebral hemorrhage. <i>Brain Injury</i> , <b>2019</b> , 33, 212-217	2.1	
1	Red blood cell transfusion in acute pulmonary embolism. <i>Respirology</i> , <b>2018</b> , 23, 1076	3.6	