Yuan Chen

List of Publications by Citations

271 papers	16,619 citations	65 h-index	120 g-index
283 ext. papers	19,813 ext. citations	10.1 avg, IF	6.83 L-index

#	Paper	IF	Citations
271	Antibacterial activity of graphite, graphite oxide, graphene oxide, and reduced graphene oxide: membrane and oxidative stress. *ACS Nano*, **2011**, 5, 6971-80	16.7	1900
270	Scalable synthesis of hierarchically structured carbon nanotube-graphene fibres for capacitive energy storage. *Nature Nanotechnology*, **2014**, 9, 555-62	28.7	1161
269	Emergence of fiber supercapacitors. *Chemical Society Reviews*, **2015**, 44, 647-62	58.5	433
268	Sharper and faster "nano darts" kill more bacteria: a study of antibacterial activity of individually dispersed pristine single-walled carbon nanotube. *ACS Nano*, **2009**, 3, 3891-902	16.7	420
267	Lateral dimension-dependent antibacterial activity of graphene oxide sheets. *Langmuir*, **2012**, 28, 12364-72	4	409
266	A review of rechargeable batteries for portable electronic devices. *Informa Materiy*, **2019**, 1, 6-32	23.1	400
265	Toward the extraction of single species of single-walled carbon nanotubes using fluorene-based polymers. *Nano Letters*, **2007**, 7, 3013-7	11.5	282
264	Structural transformation of highly active metal organic framework electrocatalysts during the oxygen evolution reaction. *Nature Energy*, **2020**, 5, 881-890	62.3	280
263	Ternary Hybrids of Amorphous Nickel Hydroxide Carbon Nanotube-Conducting Polymer for Supercapacitors with High Energy Density, Excellent Rate Capability, and Long Cycle Life. *Advanced Functional Materials*, **2015**, 25, 1063-1073	15.6	264
262	Analysis of the genome and transcriptome of Cryptococcus neoformans var. grubii reveals complex RNA expression and microevolution leading to virulence attenuation. *PLoS Genetics*, **2014**, 10, e1004261	6	260
261	High-purity separation of gold nanoparticle dimers and trimers. *Journal of the American Chemical Society*, **2009**, 131, 4218-9	16.4	246
260	Controlled functionalization of carbonaceous fibers for asymmetric solid-state micro-supercapacitors with high volumetric energy density. *Advanced Materials*, **2014**, 26, 6790-7	24	217
259	All-Carbon Nanoarchitectures as High-Performance Separation Membranes with Superior Stability. *Advanced Functional Materials*, **2015**, 25, 7348-7359	15.6	195
258	Hollow fiber membrane decorated with Ag/MWNTs: toward effective water disinfection and biofouling control. *ACS Nano*, **2011**, 5, 10033-40	16.7	193
257	Incorporation of single-wall carbon nanotubes into an organic polymer monolithic stationary phase for mu-HPLC and capillary electrochromatography. *Analytical Chemistry*, **2005**, 77, 1398-406	7.8	188
256	Amorphous Bimetallic Oxide-Graphene Hybrids as Bifunctional Oxygen Electrocatalysts for Rechargeable Zn-Air Batteries. *Advanced Materials*, **2017**, 29, 1701410	24	187
255	Graphene oxide as effective selective barriers on a hollow fiber membrane for water treatment process. *Journal of Membrane Science*, **2015**, 474, 244-253	9.6	178

254	Transforming Pristine Carbon Fiber Tows into High Performance Solid-State Fiber Supercapacitors. *Advanced Materials*, **2015**, 27, 4895-901	24	176
253	(n,m) Selectivity of single-walled carbon nanotubes by different carbon precursors on Co-Mo catalysts. *Journal of the American Chemical Society*, **2007**, 129, 9014-9	16.4	168
252	Carbon nanomaterials for advancing separation membranes: A strategic perspective. *Carbon*, **2016**, 109, 694-710	10.4	148
251	Using oxidation to increase the electrical conductivity of carbon nanotube electrodes. *Carbon*, **2009**, 47, 1867-1870	10.4	147
250	Nitrogen doped holey graphene as an efficient metal-free multifunctional electrochemical catalyst for hydrazine oxidation and oxygen reduction. *Nanoscale*, **2013**, 5, 3457-64	7.7	140
249	Deposition of Silver Nanoparticles on Multiwalled Carbon Nanotubes Grafted with Hyperbranched Poly(amidoamine) and Their Antimicrobial Effects. *Journal of Physical Chemistry C*, **2008**, 112, 18754-18759	3.8	138
248	Epitaxial Growth of CdS Nanoparticle on Bi2S3 Nanowire and Photocatalytic Application of the Heterostructure. *Journal of Physical Chemistry C*, **2011**, 115, 13968-13976	3.8	135
247	Graphene Materials in Antimicrobial Nanomedicine: Current Status and Future Perspectives. *Advanced Healthcare Materials*, **2018**, 7, e1701406	10.1	130
246	Antibacterial action of dispersed single-walled carbon nanotubes on Escherichia coli and Bacillus subtilis investigated by atomic force microscopy. *Nanoscale*, **2010**, 2, 2744-50	7.7	123
245	Recent Advances in Materials and Design of Electrochemically Rechargeable Zinc-Air Batteries. *Small*, **2018**, 14, e1801929	11	120
244	Outbred genome sequencing and CRISPR/Cas9 gene editing in butterflies. *Nature Communications*, **2015**, 6, 8212	17.4	111
243	Textile energy storage: Structural design concepts, material selection and future perspectives. *Energy Storage Materials*, **2016**, 3, 123-139	19.4	109
242	Synthesis of graphene materials by electrochemical exfoliation: Recent progress and future potential **2019**, 1, 173-199		109
241	Selective synthesis of (9,8) single walled carbon nanotubes on cobalt incorporated TUD-1 catalysts. *Journal of the American Chemical Society*, **2010**, 132, 16747-9	16.4	107
240	Nickel-grafted TUD-1 mesoporous catalysts for carbon dioxide reforming of methane. *Applied Catalysis B: Environmental*, **2010**, 95, 374-382	21.8	107
239	How carboxylic groups improve the performance of single-walled carbon nanotube electrochemical capacitors?. *Energy and Environmental Science*, **2011**, 4, 4220	35.4	105
238	Sandwich-Architectured Poly(lactic acid)-Graphene Composite Food Packaging Films. *ACS Applied Materials & Interfaces*, **2016**, 8, 9994-10004	9.5	105
237	Recent Progress of Carbon-Supported Single-Atom Catalysts for Energy Conversion and Storage. *Matter*, **2020**, 3, 1442-1476	12.7	103

236	MXene Materials for Designing Advanced Separation Membranes. *Advanced Materials*, **2020**, 32, e1906697	27	103
235	A Flexible Rechargeable Zinc-Air Battery with Excellent Low-Temperature Adaptability. *Angewandte Chemie - International Edition*, **2020**, 59, 4793-4799	16.4	103
234	Homogeneous, Heterogeneous, and Biological Catalysts for Electrochemical N2 Reduction toward NH3 under Ambient Conditions. *ACS Catalysis*, **2019**, 9, 5245-5267	13.1	101
233	Synthesis of uniform diameter single-wall carbon nanotubes in Co-MCM-41: effects of the catalyst prereduction and nanotube growth temperatures. *Journal of Catalysis*, **2004**, 225, 453-465	7.3	100
232	Prussian blue, its analogues and their derived materials for electrochemical energy storage and conversion. *Energy Storage Materials*, **2020**, 25, 585-612	19.4	100
231	All-carbon solid-state yarn supercapacitors from activated carbon and carbon fibers for smart textiles. *Materials Horizons*, **2015**, 2, 598-605	14.4	98
230	Individually Dispersing Single-Walled Carbon Nanotubes with Novel Neutral pH Water-Soluble Chitosan Derivatives. *Journal of Physical Chemistry C*, **2008**, 112, 7579-7587	3.8	96
229	1D Supercapacitors for Emerging Electronics: Current Status and Future Directions. *Advanced Materials*, **2020**, 32, e1902387	24	96
228	Formation of an endophilin-Ca2+ channel complex is critical for clathrin-mediated synaptic vesicle endocytosis. *Cell*, **2003**, 115, 37-48	56.2	95
227	Catalysts for chirality selective synthesis of single-walled carbon nanotubes. *Carbon*, **2015**, 81, 1-19	10.4	92
226	Covalent immobilization of nisin on multi-walled carbon nanotubes: superior antimicrobial and anti-biofilm properties. *Nanoscale*, **2011**, 3, 1874-80	7.7	92
225	Specific and reversible immobilization of NADH oxidase on functionalized carbon nanotubes. *Journal of Biotechnology*, **2010**, 150, 57-63	3.7	90
224	Space-confined assembly of all-carbon hybrid fibers for capacitive energy storage: realizing a built-to-order concept for micro-supercapacitors. *Energy and Environmental Science*, **2016**, 9, 611-622	35.4	88
223	Chiral-selective CoSO4/SiO2 catalyst for (9,8) single-walled carbon nanotube growth. *ACS Nano*, **2013**, 7, 614-26	16.7	88
222	Flexible Zinc-Ion Hybrid Fiber Capacitors with Ultrahigh Energy Density and Long Cycling Life for Wearable Electronics. *Small*, **2019**, 15, e1903817	11	86
221	Population genomics and the evolution of virulence in the fungal pathogen. *Genome Research*, **2017**, 27, 1207-1219	9.7	85
220	Nano-RuO -Decorated Holey Graphene Composite Fibers for Micro-Supercapacitors with Ultrahigh Energy Density. *Small*, **2018**, 14, e1800582	11	85
219	Fabrication of novel functionalized multi-walled carbon nanotube immobilized hollow fiber membranes for enhanced performance in forward osmosis process. *Journal of Membrane Science*, **2013**, 446, 244-254	9.6	85

218	The Cryptococcus neoformans transcriptome at the site of human meningitis. *MBio*, **2014**, 5, e01087-13	7.8	85
217	Electrocatalytic hydrogen evolution under neutral pH conditions: current understandings, recent advances, and future prospects. *Energy and Environmental Science*, **2020**, 13, 3185-3206	35.4	85
216	A hierarchically porous nickel-copper phosphide nano-foam for efficient electrochemical splitting of water. *Nanoscale*, **2017**, 9, 4401-4408	7.7	81
215	Recent advances in nanomaterial-modified polyamide thin-film composite membranes for forward osmosis processes. *Journal of Membrane Science*, **2019**, 584, 20-45	9.6	80
214	Synthesis and characterization of highly ordered Ni-MCM-41 mesoporous molecular sieves. *Journal of Physical Chemistry B*, **2005**, 109, 13237-46	3.4	80
213	Differentiation of Gas Molecules Using Flexible and All-Carbon Nanotube Devices. *Journal of Physical Chemistry C*, **2008**, 112, 650-653	3.8	77
212	Ultrathin nickel boride nanosheets anchored on functionalized carbon nanotubes as bifunctional electrocatalysts for overall water splitting. *Journal of Materials Chemistry A*, **2019**, 7, 764-774	13	75
211	Toward Flexible Zinc-Ion Hybrid Capacitors with Superhigh Energy Density and Ultralong Cycling Life: The Pivotal Role of ZnCl Salt-Based Electrolytes. *Angewandte Chemie - International Edition*, **2021**, 60, 990-997	16.4	75
210	Hydrogen evolution reaction activity of nickel phosphide is highly sensitive to electrolyte pH. *Journal of Materials Chemistry A*, **2017**, 5, 20390-20397	13	71
209	Enabling highly efficient, flexible and rechargeable quasi-solid-state zn-air batteries via catalyst engineering and electrolyte functionalization. *Energy Storage Materials*, **2019**, 20, 234-242	19.4	71
208	Genome Evolution and Innovation across the Four Major Lineages of Cryptococcus gattii. *MBio*, **2015**, 6, e00868-15	7.8	70
207	Ethanol-assisted graphene oxide-based thin film formation at pentane-water interface. *Langmuir*, **2011**, 27, 9174-81	4	66
206	Inhibitory phosphorylation of GSK-3 by CaMKII couples depolarization to neuronal survival. *Journal of Biological Chemistry*, **2010**, 285, 41122-34	5.4	65
205	Transcriptional dynamics of bile salt export pump during pregnancy: mechanisms and implications in intrahepatic cholestasis of pregnancy. *Hepatology*, **2014**, 60, 1993-2007	11.2	64
204	Pressure-Induced Single-Walled Carbon Nanotube (n,m) Selectivity on CoMo Catalysts. *Journal of Physical Chemistry C*, **2007**, 111, 14612-14616	3.8	64
203	A high-performance metal-free hydrogen-evolution reaction electrocatalyst from bacterium derived carbon. *Journal of Materials Chemistry A*, **2015**, 3, 7210-7214	13	63
202	Synthesis of uniform diameter single wall carbon nanotubes inBCo-MCM-41: effects of CO pressure and reaction time. *Journal of Catalysis*, **2004**, 226, 351-362	7.3	63
201	The effect of the cobalt loading on the growth of single wall carbon nanotubes by CO disproportionation on Co-MCM-41 catalysts. *Carbon*, **2006**, 44, 67-78	10.4	61

200	A carbon science perspective in 2018: Current achievements and future challenges. *Carbon*, **2018**, 132, 785-801	10.4	59
199	Toward High-Performance Solution-Processed Carbon Nanotube Network Transistors by Removing Nanotube Bundles. *Journal of Physical Chemistry C*, **2008**, 112, 12089-12091	3.8	59
198	Tracing Genetic Exchange and Biogeography of var. at the Global Population Level. *Genetics*, **2017**, 207, 327-346	4	57
197	Mesostructured SBA-16 with excellent hydrothermal, thermal and mechanical stabilities: modified synthesis and its catalytic application. *Journal of Colloid and Interface Science*, **2009**, 333, 317-23	9.3	57
196	Bile salt export pump is dysregulated with altered farnesoid X receptor isoform expression in patients with hepatocellular carcinoma. *Hepatology*, **2013**, 57, 1530-41	11.2	56
195	Effect of different catalyst supports on the (n,m) selective growth of single-walled carbon nanotube from CoMo catalyst. *Journal of Materials Science*, **2009**, 44, 3285-3295	4.3	56
194	Selective enrichment of (6,5) and (8,3) single-walled carbon nanotubes via cosurfactant extraction from narrow (n,m) distribution samples. *Journal of Physical Chemistry B*, **2008**, 112, 2771-4	3.4	54
193	The mechanism of single-walled carbon nanotube growth and chirality selection induced by carbon atom and dimer addition. *ACS Nano*, **2010**, 4, 939-46	16.7	53
192	Low-defect, purified, narrowly (n,m)-dispersed single-walled carbon nanotubes grown from cobalt-incorporated MCM-41. *ACS Nano*, **2007**, 1, 327-36	16.7	52
191	Mechanism of Cobalt Cluster Size Control in Co-MCM-41 during Single-Wall Carbon Nanotubes Synthesis by CO Disproportionation. *Journal of Physical Chemistry B*, **2004**, 108, 15565-15571	3.4	52
190	A young Drosophila duplicate gene plays essential roles in spermatogenesis by regulating several Y-linked male fertility genes. *PLoS Genetics*, **2010**, 6, e1001255	6	51
189	Metatranscriptomic analysis of ectomycorrhizal roots reveals genes associated with Piloderma-Pinus symbiosis: improved methodologies for assessing gene expression in situ. *Environmental Microbiology*, **2014**, 16, 3730-42	5.2	50
188	Highly dispersed manganese oxide catalysts grafted on SBA-15: Synthesis, characterization and catalytic application in trans-stilbene epoxidation. *Microporous and Mesoporous Materials*, **2010**, 132, 501-509	5.3	50
187	2D materials for 1D electrochemical energy storage devices. *Energy Storage Materials*, **2019**, 19, 102-123	19.4	49
186	Energy Transfer from Photo-Excited Fluorene Polymers to Single-Walled Carbon Nanotubes. *Journal of Physical Chemistry C*, **2009**, 113, 14946-14952	3.8	49
185	Intrinsic Activity of Metal Centers in Metal-Nitrogen-Carbon Single-Atom Catalysts for Hydrogen Peroxide Synthesis. *Journal of the American Chemical Society*, **2020**, 142, 21861-21871	16.4	48
184	Solution-processable carbon nanotubes for semiconducting thin-film transistor devices. *Advanced Materials*, **2010**, 22, 1278-82	24	48
183	Probing the Diameter Limit of Single Walled Carbon Nanotubes in SWCNT: Fullerene Solar Cells. *Advanced Energy Materials*, **2016**, 6, 1600890	21.8	46

182	Microevolution of Serial Clinical Isolates of var. and. *MBio*, **2017**, 8,	7.8	44
181	Naturally derived honeycomb-like N,S-codoped hierarchical porous carbon with MS (M = Co, Ni) decoration for high-performance Li-S battery. *Nanoscale*, **2020**, 12, 5114-5124	7.7	43
180	Asymmetric deposition of manganese oxide in single walled carbon nanotube films as electrodes for flexible high frequency response electrochemical capacitors. *Electrochimica Acta*, **2012**, 78, 122-132	6.7	43
179	Direct synthesis of highly ordered Co-SBA-15 mesoporous materials by the pH-adjusting approach. *Microporous and Mesoporous Materials*, **2008**, 110, 347-354	5.3	42
178	Toward efficient and high rate sodium-ion storage: A new insight from dopant-defect interplay in textured carbon anode materials. *Energy Storage Materials*, **2020**, 28, 55-63	19.4	41
177	Metal-free bifunctional carbon electrocatalysts derived from zeolitic imidazolate frameworks for efficient water splitting. *Materials Chemistry Frontiers*, **2018**, 2, 102-111	7.8	40
176	A graphene-covalent organic framework hybrid for high-performance supercapacitors. *Energy Storage Materials*, **2020**, 32, 448-457	19.4	39
175	Comparative analyses of clinical and environmental populations of Cryptococcus neoformans in Botswana. *Molecular Ecology*, **2015**, 24, 3559-71	5.7	38
174	A narrow-bandgap benzobisthiadiazole derivative with high near-infrared photothermal conversion efficiency and robust photostability for cancer therapy. *Chemical Communications*, **2015**, 51, 4223-6	5.8	38
173	Synthesis of large pore-diameter SBA-15 mesostructured spherical silica and its application in ultra-high-performance liquid chromatography. *Journal of Chromatography A*, **2009**, 1216, 7767-73	4.5	38
172	Pore curvature effect on the stability of Co-MCM-41 and the formation of size-controllable subnanometer Co clusters. *Journal of Physical Chemistry B*, **2005**, 109, 2285-94	3.4	38
171	Microbe-derived carbon materials for electrical energy storage and conversion. *Journal of Energy Chemistry*, **2016**, 25, 191-198	12	37
170	A core-sheath holey graphene/graphite composite fiber intercalated with MoS2 nanosheets for high-performance fiber supercapacitors. *Electrochimica Acta*, **2019**, 305, 493-501	6.7	36
169	Influence of graphene oxide lateral size on the properties and performances of forward osmosis membrane. *Desalination*, **2020**, 484, 114421	10.3	36
168	Low-dose chemotherapy of hepatocellular carcinoma through triggered-release from bilayer-decorated magnetoliposomes. *Colloids and Surfaces B: Biointerfaces*, **2014**, 116, 452-8	6	36
167	Effect of Co-MCM-41 Conversion to Cobalt Silicate for Catalytic Growth of Single Wall Carbon Nanotubes. *Journal of Physical Chemistry B*, **2004**, 108, 20095-20101	3.4	36
166	Big to Small: Ultrafine Mo C Particles Derived from Giant Polyoxomolybdate Clusters for Hydrogen Evolution Reaction. *Small*, **2019**, 15, e1900358	11	35
165	Carbon science perspective in 2020: Current research and future challenges. *Carbon*, **2020**, 161, 373-391	10.4	35

164	CoSO4/SiO2 catalyst for selective synthesis of (9, 8) single-walled carbon nanotubes: Effect of catalyst calcination. *Journal of Catalysis*, **2013**, 300, 91-101	7.3	34
163	Characterization of the organic component of low-molecular-weight chromium-binding substance and its binding of chromium. *Journal of Nutrition*, **2011**, 141, 1225-32	4.1	34
162	Milk powder-derived bifunctional oxygen electrocatalysts for rechargeable Zn-air battery. *Energy Storage Materials*, **2018**, 11, 134-143	19.4	33
161	Multifunctional nitrogen-rich 'brick-and-mortar' carbon as high performance supercapacitor electrodes and oxygen reduction electrocatalysts. *Journal of Materials Chemistry A*, **2013**, 1, 11061	13	32
160	Metatranscriptomic Study of Common and Host-Specific Patterns of Gene Expression between Pines and Their Symbiotic Ectomycorrhizal Fungi in the Genus Suillus. *PLoS Genetics*, **2016**, 12, e1006348	6	32
159	One-Dimensional van der Waals Heterostructures as Efficient Metal-Free Oxygen Electrocatalysts. *ACS Nano*, **2021**, 15, 3309-3319	16.7	32
158	Electronic Modulation of Nickel Disulfide toward Efficient Water Electrolysis. *Small*, **2020**, 16, e1905885	11	31
157	Graphene layers on Cu and Ni (111) surfaces in layer controlled graphene growth. *RSC Advances*, **2013**, 3, 3046	3.7	31
156	Activity and stability comparison of immobilized NADH oxidase on multi-walled carbon nanotubes, carbon nanospheres, and single-walled carbon nanotubes. *Journal of Molecular Catalysis B: Enzymatic*, **2011**, 69, 120-126		31
155	Estrogen and Estrogen Receptor-Mediated Transrepression of Bile Salt Export Pump. *Molecular Endocrinology*, **2015**, 29, 613-26		30
154	Bacterial physiology is a key modulator of the antibacterial activity of graphene oxide. *Nanoscale*, **2016**, 8, 17181-17189	7.7	30
153	The effect of synthesis solution pH on the physicochemical properties of Co substituted MCM-41. *Topics in Catalysis*, **2005**, 34, 31-40	2.3	30
152	Hybrid ternary rice paper-manganese oxide-carbon nanotube nanocomposites for flexible supercapacitors. *Nanoscale*, **2013**, 5, 11108-17	7.7	29
151	Thiocyanate-Modified Silver Nanofoam for Efficient CO2 Reduction to CO. *ACS Catalysis*, **2020**, 10, 1444-1453	13.1	29
150	Make it stereoscopic: interfacial design for full-temperature adaptive flexible zinc–air batteries. *Energy and Environmental Science*, **2021**, 14, 4926-4935	35.4	29
149	Nanocarbon materials in water disinfection: state-of-the-art and future directions. *Nanoscale*, **2019**, 11, 9819-9839	7.7	28
148	The roles of metal-organic frameworks in modulating water permeability of graphene oxide-based carbon membranes. *Carbon*, **2019**, 148, 277-289	10.4	28
147	The on-demand engineering of metal-doped porous carbon nanofibers as efficient bifunctional oxygen catalysts for high-performance flexible Zn–air batteries. *Journal of Materials Chemistry A*, **2020**, 8, 7297-7308	13	28

146	Antimicrobial graphene materials: the interplay of complex materials characteristics and competing mechanisms. *Biomaterials Science*, **2018**, 6, 766-773	7.4	28
145	Atomic carbon adsorption on Ni nanoclusters: a DFT study. *Theoretical Chemistry Accounts*, **2011**, 128, 17-24	1.9	28
144	Monodispersed MCM-41 large particles by modified pseudomorphic transformation: Direct diamine functionalization and application in protein bioseparation. *Microporous and Mesoporous Materials*, **2009**, 122, 114-120	5.3	28
143	Acetone-induced graphene oxide film formation at the water-air interface. *Chemistry - an Asian Journal*, **2013**, 8, 437-43	4.5	27
142	Next generation multilocus sequence typing (NGMLST) and the analytical software program MLSTEZ enable efficient, cost-effective, high-throughput, multilocus sequencing typing. *Fungal Genetics and Biology*, **2015**, 75, 64-71	3.9	27
141	Enantioselectively controlled release of chiral drug (metoprolol) using chiral mesoporous silica materials. *Nanotechnology*, **2010**, 21, 165103	3.4	27
140	Urinary chromium loss associated with diabetes is offset by increases in absorption. *Journal of Inorganic Biochemistry*, **2010**, 104, 790-7	4.2	27
139	Enrichment of (8,4) single-walled carbon nanotubes through coextraction with heparin. *Small*, **2010**, 6, 110-8	11	27
138	A review on lithium recovery using electrochemical capturing systems. *Desalination*, **2021**, 500, 114883	10.3	27
137	Controlling water transport in carbon nanotubes. *Nano Today*, **2017**, 14, 13-15	17.9	26
136	Hydrothermal assembly of micro-nano-integrated core-sheath carbon fibers for high-performance all-carbon micro-supercapacitors. *Energy Storage Materials*, **2017**, 9, 221-228	19.4	26
135	"Smart poisoning" of Co/SiO catalysts by sulfidation for chirality-selective synthesis of (9,8) single-walled carbon nanotubes. *Nanoscale*, **2016**, 8, 17705-17713	7.7	26
134	Synergism of Water Shock and a Biocompatible Block Copolymer Potentiates the Antibacterial Activity of Graphene Oxide. *Small*, **2016**, 12, 951-62	11	26
133	High Selectivity cum Yield Gel Electrophoresis Separation of Single-Walled Carbon Nanotubes Using a Chemically Selective Polymer Dispersant. *Journal of Physical Chemistry C*, **2012**, 116, 10266-10273	3.8	26
132	Assembly of pi-functionalized quaternary ammonium compounds with graphene hydrogel for efficient water disinfection. *Journal of Colloid and Interface Science*, **2019**, 535, 149-158	9.3	26
131	Hierarchically porous carbon nanofibers embedded with cobalt nanoparticles for efficient H2O2 detection on multiple sensor platforms. *Sensors and Actuators B: Chemical*, **2020**, 319, 128243	8.5	25
130	Drying graphene hydrogel fibers for capacitive energy storage. *Carbon*, **2020**, 164, 100-110	10.4	25
129	Novel Poly(l-lactide)/graphene oxide films with improved mechanical flexibility and antibacterial activity. *Journal of Colloid and Interface Science*, **2017**, 507, 344-352	9.3	25

128	Effect of Centrifugation on the Purity of Single-Walled Carbon Nanotubes from MCM-41 Containing Cobalt. *Journal of Physical Chemistry C*, **2008**, 112, 17567-17575	3.8	25
127	Essential role of the LIM domain in the formation of the PKCepsilon-ENH-N-type Ca2+ channel complex. *Cellular Signalling*, **2006**, 18, 215-24	4.9	25
126	Single-wall carbon nanotube synthesis by CO disproportionation on nickel-incorporated MCM-41. *Nanotechnology*, **2005**, 16, S476-83	3.4	25
125	Sulfur-induced chirality changes in single-walled carbon nanotube synthesis by ethanol chemical vapor deposition on a Co/SiO2 catalyst. *Journal of Materials Chemistry A*, **2015**, 3, 3310-3319	13	24
124	Recognition of carbon nanotube chirality by phage display. *RSC Advances*, **2012**, 2, 1466-1476	3.7	24
123	Mechanistic insights into isoform-dependent and species-specific regulation of bile salt export pump by farnesoid X receptor. *Journal of Lipid Research*, **2013**, 54, 3030-44	6.3	24
122	A novel synthesis route for bimetallic CoCrMCM-41 catalysts with higher metal loadings. Their application in the high yield, selective synthesis of Single-Wall Carbon Nanotubes. *Journal of Catalysis*, **2010**, 271, 358-369	7.3	24
121	CoFeCr (oxy)Hydroxides as Efficient Oxygen Evolution Reaction Catalysts. *Advanced Energy Materials*, **2021**, 11, 2003412	21.8	24
120	Graphene oxide laminates intercalated with 2D covalent-organic frameworks as a robust nanofiltration membrane. *Journal of Materials Chemistry A*, **2020**, 8, 9713-9725	13	23
119	Non-covalent synthesis of thermo-responsive graphene oxide-perylene bisimides-containing poly(N-isopropylacrylamide) hybrid for organic pigment removal. *Journal of Colloid and Interface Science*, **2014**, 430, 121-8	9.3	23
118	Sulfur doped Co/SiO2 catalysts for chirally selective synthesis of single walled carbon nanotubes. *Chemical Communications*, **2013**, 49, 2031-3	5.8	23
117	A tctex1-Ca2+ channel complex for selective surface expression of Ca2+ channels in neurons. *Nature Neuroscience*, **2005**, 8, 435-42	25.5	23
116	Biofilm-Templated Heteroatom-Doped Carbon-Palladium Nanocomposite Catalyst for Hexavalent Chromium Reduction. *ACS Applied Materials & Interfaces*, **2019**, 11, 24018-24026	9.5	22
115	Effect of different carbon sources on the growth of single-walled carbon nanotube from MCM-41 containing nickel. *Carbon*, **2007**, 45, 2217-2228	10.4	21
114	Preparation of large particle MCM-41 and investigation on its fluidization behavior and application in single-walled carbon nanotube production in a fluidized-bed reactor. *Chemical Engineering Journal*, **2008**, 142, 331-336	14.7	21
113	X-ray absorption spectroscopic investigation of partially reduced cobalt species in Co-MCM-41 catalysts during synthesis of single-wall carbon nanotubes. *Journal of Physical Chemistry B*, **2005**, 109, 16332-9	3.4	21
112	A protein phosphatase 2calpha-Ca2+ channel complex for dephosphorylation of neuronal Ca2+ channels phosphorylated by protein kinase C. *Journal of Neuroscience*, **2005**, 25, 1914-23	6.6	21
111	Octahedral Coordinated Trivalent Cobalt Enriched Multimetal Oxygen-Evolution Catalysts. *Advanced Energy Materials*, **2020**, 10, 2002593	21.8	21

110	Pressure-retarded membrane distillation for low-grade heat recovery: The critical roles of pressure-induced membrane deformation. *Journal of Membrane Science*, **2019**, 579, 90-101	9.6	20
109	Ultrafast hydrothermal assembly of nanocarbon microfibers in near-critical water for 3D microsupercapacitors. *Carbon*, **2018**, 132, 698-708	10.4	20
108	Nanotube-supported bioproduction of 4-hydroxy-2-butanone via in situ cofactor regeneration. *Applied Microbiology and Biotechnology*, **2012**, 94, 1233-41	5.7	20
107	Ultralow-platinum-loading nanocarbon hybrids for highly sensitive hydrogen peroxide detection. *Sensors and Actuators B: Chemical*, **2019**, 283, 304-311	8.5	20
106	Exploring the upper limit of single-walled carbon nanotube purity by multiple-cycle aqueous two-phase separation. *Nanoscale*, **2017**, 9, 11640-11646	7.7	19
105	(9,8) Single-Walled Carbon Nanotube Enrichment via Aqueous Two-Phase Separation and Their Thin-Film Transistor Applications. *Advanced Electronic Materials*, **2015**, 1, 1500151	6.4	19
104	Charge Transfer between Metal Clusters and Growing Carbon Structures in Chirality-Controlled Single-Walled Carbon Nanotube Growth. *Journal of Physical Chemistry Letters*, **2011**, 2, 1009-1014	6.4	19
103	Hypoxia-targeted gold nanorods for cancer photothermal therapy. *Oncotarget*, **2018**, 9, 26556-26571	3.3	18
102	Tuning crystallization and morphology of zinc oxide with polyvinylpyrrolidone: Formation mechanisms and antimicrobial activity. *Journal of Colloid and Interface Science*, **2019**, 546, 43-52	9.3	17
101	Characterization of two distinct modes of endophilin in clathrin-mediated endocytosis. *Cellular Signalling*, **2012**, 24, 2043-50	4.9	17
100	Reactive sites for chiral selective growth of single-walled carbon nanotubes: a DFT study of Ni55-C(n) complexes. *Journal of Physical Chemistry A*, **2012**, 116, 11709-17	2.8	17
99	Use of a chondroitin sulfate isomer as an effective and removable dispersant of single-walled carbon nanotubes. *Small*, **2011**, 7, 2758-68	11	17
98	Carbon nanotubes for flexible batteries: recent progress and future perspective. *National Science Review*, **2021**, 8, nwaa261	10.8	17
97	Genotypic diversity and clinical outcome of cryptococcosis in renal transplant recipients in Brazil. *Emerging Microbes and Infections*, **2019**, 8, 119-129	18.9	16
96	Impact of Sublethal Levels of Single-Wall Carbon Nanotubes on Pyoverdine Production in Pseudomonas aeruginosa and Its Environmental Implications. *Environmental Science and Technology Letters*, **2015**, 2, 105-111	11	16
95	Synthesis of free-standing carbon nanohybrid by directly growing carbon nanotubes on air-sprayed graphene oxide paper and its application in supercapacitor. *Journal of Solid State Chemistry*, **2015**, 224, 45-51	3.3	16
94	Bolometric-Effect-Based Wavelength-Selective Photodetectors Using Sorted Single Chirality Carbon Nanotubes. *Scientific Reports*, **2015**, 5, 17883	4.9	16
93	Formation of single-walled carbon nanotube thin films enriched with semiconducting nanotubes and their application in photoelectrochemical devices. *Nanoscale*, **2011**, 3, 1845-9	7.7	16

92	Construction of Unconventional Hexapod-like Tellurium Nanostructure with Morphology-Dependent Photoluminescence Property. *Journal of Physical Chemistry C*, **2009**, 113, 9502-9508	3.8	16
91	Photoconductivity from Carbon Nanotube Transistors Activated by Photosensitive Polymers. *Journal of Physical Chemistry C*, **2008**, 112, 18201-18206	3.8	16
90	Pressure-retarded membrane distillation for simultaneous hypersaline brine desalination and low-grade heat harvesting. *Journal of Membrane Science*, **2020**, 597, 117765	9.6	16
89	Rechargeable zinc-air batteries with neutral electrolytes: Recent advances, challenges, and prospects. *EnergyChem*, **2021**, 3, 100055	36.9	16
88	Increase in the yield of (and selective synthesis of large-diameter) single-walled carbon nanotubes through water-assisted ethanol pyrolysis. *Journal of Catalysis*, **2014**, 309, 419-427	7.3	15
87	Narrow-chirality distributed single-walled carbon nanotube synthesis by remote plasma enhanced ethanol deposition on cobalt incorporated MCM-41 catalyst. *Carbon*, **2014**, 66, 134-143	10.4	15
86	Species-Dependent Energy Transfer of Surfactant-Dispersed Semiconducting Single-Walled Carbon Nanotubes. *Journal of Physical Chemistry C*, **2009**, 113, 20061-20065	3.8	15
85	Assessment of (n,m) Selectively Enriched Small Diameter Single-Walled Carbon Nanotubes by Density Differentiation from Cobalt-Incorporated MCM-41 for Macroelectronics. *Chemistry of Materials*, **2008**, 20, 7417-7424	9.6	15
84	Selective synthesis of single walled carbon nanotubes on metal (iron, nickel or cobalt) sulfate-based catalysts. *Carbon*, **2018**, 129, 128-136	10.4	15
83	Catalytic activity atlas of ternary Co□e□ metal oxides for the oxygen evolution reaction. *Journal of Materials Chemistry A*, **2020**, 8, 15951-15961	13	14
82	Extraction of (9,8) single-walled carbon nanotubes by fluorene-based polymers. *Chemistry - an Asian Journal*, **2014**, 9, 868-77	4.5	14
81	Charge-induced conductance modulation of carbon nanotube field effect transistor memory devices. *Carbon*, **2009**, 47, 3063-3070	10.4	14
80	Application of the generalized 2D correlation analysis to dynamic near-edge X-ray absorption spectroscopy data. *Journal of the American Chemical Society*, **2005**, 127, 1906-12	16.4	14
79	Recent Advances in Carbon Nanotube Utilizations in Perovskite Solar Cells. *Advanced Functional Materials*, **2021**, 31, 2004765	15.6	14
78	Copper Sulfide Facilitates Hepatobiliary Clearance of Gold Nanoparticles through the Copper-Transporting ATPase ATP7B. *ACS Nano*, **2019**, 13, 5720-5730	16.7	13
77	Nickel hydroxide-carbon nanotube nanocomposites as supercapacitor electrodes: crystallinity dependent performances. *Nanotechnology*, **2015**, 26, 314003	3.4	13
76	Zinc-Air Battery-Based Desalination Device. *ACS Applied Materials & Interfaces*, **2020**, 12, 25728-25735	9.5	13
75	Spray drying assisted synthesis of porous carbons from whey powders for capacitive energy storage. *Energy*, **2018**, 147, 308-316	7.9	13

74	Dysregulation of Ɛ-oxosteroid 5-reductase in diabetic patients: Implications and mechanisms. *Molecular and Cellular Endocrinology*, **2018**, 470, 127-141	4.4	13
73	Low-molecular-weight chromium-binding substance from chicken liver and American alligator liver. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2006**, 144, 423-31	2.3	13
72	RNA-seq Reveals Complicated Transcriptomic Responses to Drought Stress in a Nonmodel Tropic Plant, Bombax ceiba L. *Evolutionary Bioinformatics*, **2015**, 11, 27-37	1.9	12
71	E. coli-derived carbon with nitrogen and phosphorus dual functionalities for oxygen reduction reaction. *Catalysis Today*, **2015**, 249, 228-235	5.3	12
70	Selective Small-Diameter Metallic Single-Walled Carbon Nanotube Removal by Mere Standing with Anthraquinone and Application to a Field-Effect Transistor. *Journal of Physical Chemistry C*, **2010**, 114, 21035-21041	3.8	12
69	Sorting of Single-Walled Carbon Nanotubes Based on Metallicity by Selective Precipitation with Polyvinylpyrrolidone. *Journal of Physical Chemistry C*, **2011**, 115, 5199-5206	3.8	12
68	Preparation of spherical large-particle MCM-41 with a broad particle-size distribution by a modified pseudomorphic transformation. *Microporous and Mesoporous Materials*, **2009**, 121, 73-78	5.3	12
67	Landscape of gene expression variation of natural isolates of in response to biologically relevant stresses. *Microbial Genomics*, **2020**, 6,	4.4	12
66	Toward Flexible Zinc-Ion Hybrid Capacitors with Superhigh Energy Density and Ultralong Cycling Life: The Pivotal Role of ZnCl2 Salt-Based Electrolytes. *Angewandte Chemie*, **2021**, 133, 1003-1010	3.6	12
65	Foldable and scrollable graphene paper with tuned interlayer spacing as high areal capacity anodes for sodium-ion batteries. *Energy Storage Materials*, **2021**, 41, 395-403	19.4	12
64	Synthesis and biological evaluations of chalcones, flavones and chromenes as farnesoid x receptor (FXR) antagonists. *European Journal of Medicinal Chemistry*, **2017**, 129, 303-309	6.8	11
63	Defective crystalline molybdenum phosphides as bifunctional catalysts for hydrogen evolution and hydrazine oxidation reactions during water splitting. *Inorganic Chemistry Frontiers*, **2019**, 6, 2686-2695	6.8	11
62	Metallicity-Dependent Ultrafast Water Transport in Carbon Nanotubes. *Small*, **2020**, 16, e1907575	11	11
61	Structure of the SH3 domain of rat endophilin A2. *Acta Crystallographica Section F: Structural Biology Communications*, **2008**, 64, 243-6		11
60	Low-Temperature Electroluminescence Excitation Mapping of Excitons and Trions in Short-Channel Monochiral Carbon Nanotube Devices. *ACS Nano*, **2020**, 14, 2709-2717	16.7	11
59	2D Material Based Advanced Membranes for Separations in Organic Solvents. *Small*, **2020**, 16, e2003400	11	11
58	Transcriptome analysis of different developmental stages of amphioxus reveals dynamic changes of distinct classes of genes during development. *Scientific Reports*, **2016**, 6, 23195	4.9	11
57	Perylene bisimide-incorporated water-soluble polyurethanes for living cell fluorescence labeling. *Polymer*, **2016**, 82, 172-180	3.9	10

56	Nanoparticle-supported consecutive reactions catalyzed by alkyl hydroperoxide reductase. *Journal of Molecular Catalysis B: Enzymatic*, **2012**, 76, 9-14		10
55	Aggregation-Dependent Photoluminescence Sidebands in Single-Walled Carbon Nanotube. *Journal of Physical Chemistry C*, **2010**, 114, 6704-6711	3.8	10
54	Statistical design of C10-Co-MCM-41 catalytic template for synthesizing smaller-diameter single-wall carbon nanotubes. *Microporous and Mesoporous Materials*, **2005**, 86, 303-313	5.3	10
53	Cobalt Nanoparticles Confined in Carbon Cages Derived from Zeolitic Imidazolate Frameworks as Efficient Oxygen Electrocatalysts for Zinc-Air Batteries. *Batteries and Supercaps*, **2019**, 2, 355-363	5.6	10
52	Synthesis of noble metal-based intermetallic electrocatalysts by space-confined pyrolysis: Recent progress and future perspective. *Journal of Energy Chemistry*, **2021**, 60, 61-74	12	10
51	High-Performance Partially Printed Hybrid CMOS Inverters Based on Indium-Zinc-Oxide and Chirality Enriched Carbon Nanotube Thin-Film Transistors. *Advanced Electronic Materials*, **2019**, 5, 1900034	6.4	9
50	Endophilin isoforms have distinct characteristics in interactions with N-type Ca2+ channels and dynamin I. *Neuroscience Bulletin*, **2012**, 28, 483-92	4.3	9
49	Hierarchical honeycomb graphene aerogels reinforced by carbon nanotubes with multifunctional mechanical and electrical properties. *Carbon*, **2021**, 175, 312-321	10.4	9
48	**2018**,		9
47	Core-shell structured graphene aerogels with multifunctional mechanical, thermal and electromechanical properties. *Carbon*, **2020**, 162, 365-374	10.4	8
46	Length-dependent performances of sodium deoxycholate-dispersed single-walled carbon nanotube thin-film transistors. *Journal of Materials Research*, **2013**, 28, 1004-1011	2.5	8
45	Controlling of physicochemical properties of nickel-substituted MCM-41 by adjustment of the synthesis solution pH and tetramethylammonium silicate concentration. *Journal of Physical Chemistry B*, **2006**, 110, 5927-35	3.4	8
44	Axial chlorine coordinated iron-nitrogen-carbon single-atom catalysts for efficient electrochemical CO2 reduction. *Chemical Engineering Journal*, **2022**, 430, 132882	14.7	8
43	Dysregulation of bile acids increases the risk for preterm birth in pregnant women. *Nature Communications*, **2020**, 11, 2111	17.4	7
42	Evolution of vertebrate central nervous system is accompanied by novel expression changes of duplicate genes. *Journal of Genetics and Genomics*, **2011**, 38, 577-84	4	7
41	Radius of Curvature Effect on the Selective Oxidation of Cyclohexene Over Highly Ordered V-MCM-41. *Catalysis Letters*, **2007**, 117, 25-33	2.8	7
40	Independent origins of diploidy in Metarhizium. *Mycologia*, **2016**, 108, 1091-1103	2.4	7
39	3d Transition-Metal-Mediated Columbite Nanocatalysts for Decentralized Electrosynthesis of Hydrogen Peroxide. *Small*, **2021**, 17, e2007249	11	7

38	Viscosity sensitive near-infrared fluorescent probes based on functionalized single-walled carbon nanotubes. *Chemical Communications*, **2020**, 56, 8301-8304	5.8	6
37	Cellular response of RAW 264.7 to spray-coated multi-walled carbon nanotube films with various surfactants. *Journal of Biomedical Materials Research - Part A*, **2011**, 96, 413-21	5.4	6
36	Interfacial engineering of graphenic carbon electrodes by antimicrobial polyhexamethylene guanidine hydrochloride for ultrasensitive bacterial detection. *Carbon*, **2020**, 159, 185-194	10.4	6
35	Biomass-derived nanocarbon materials for biological applications: challenges and prospects. *Journal of Materials Chemistry B*, **2020**, 8, 9668-9678	7.3	6
34	Thermo-osmosis-Coupled Thermally Regenerative Electrochemical Cycle for Efficient Lithium Extraction. *ACS Applied Materials & Interfaces*, **2021**, 13, 6276-6285	9.5	6
33	Polycondensation of a Perylene Bisimide Derivative and L-Malic Acid as Water-Soluble Conjugates for Fluorescent Labeling of Live Mammalian Cells. *Polymers*, **2018**, 10,	4.5	5
32	Mechanical reinforcement of polyethylene using n-alkyl group-functionalized multiwalled carbon nanotubes: Effect of alkyl group carbon chain length and density. *Polymer Engineering and Science*, **2014**, 54, 336-344	2.3	5
31	Chemometric determination of the length distribution of single walled carbon nanotubes through optical spectroscopy. *Analytica Chimica Acta*, **2011**, 708, 28-36	6.6	5
30	Differential Feedback Regulation of 4-3-Oxosteroid 5-Reductase Expression by Bile Acids. *PLoS ONE*, **2017**, 12, e0170960	3.7	5
29	The tripartite role of 2D covalent organic frameworks in graphene-based organic solvent nanofiltration membranes. *Matter*, **2021**, 4, 2953-2969	12.7	5
28	IN SITU FORMATION OF COBALT NANOCLUSTERS IN SOL-GEL SILICA FILMS FOR SINGLE-WALLED CARBON NANOTUBE GROWTH. *Nano*, **2009**, 04, 99-106	1.1	4
27	Mesostructured molecular solid material |Co(en)(3)|(Zr(2)F(11)H(2)O) with enhanced photoelectronic effect. *Dalton Transactions*, **2009**, 6736-40	4.3	4
26	Characterization of a novel plasmid pXZ608 from Corynebacterium glutamicum. *FEMS Microbiology Letters*, **2002**, 216, 71-5	2.9	4
25	Degradation: A critical challenge for MN-C electrocatalysts. *Journal of Energy Chemistry*, **2021**,	12	4
24	In vitro dissolution considerations associated with nano drug delivery systems. *Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology*, **2021**, 13, e1732	9.2	4
23	Cardanol-derived cationic surfactants enabling the superior antibacterial activity of single-walled carbon nanotubes. *Nanotechnology*, **2020**, 31, 265603	3.4	3
22	Recent advances in catalysis-Selected papers from APCAT 4 (Singapore, 6-8 December 2006). *Catalysis Today*, **2008**, 131, 1	5.3	3
21	Assemble 2D redox-active covalent organic framework/graphene hybrids as high-performance capacitive materials. *Carbon*, **2022**, 190, 412-421	10.4	3

20	Synthesis of (9,8) single-walled carbon nanotubes on CoSO4/SiO2 catalysts: The effect of Co mass loadings. *Carbon*, **2020**, 169, 288-296	10.4	3
19	Vanishing Hysteresis in Carbon Nanotube Transistors Embedded in Boron Nitride/Polytetrafluoroethylene Heterolayers. *Physica Status Solidi - Rapid Research Letters*, **2020**, 14, 2000193	2.5	2
18	Chiral cationic polyamines for chiral microcapsules and siRNA delivery. *Bioorganic and Medicinal Chemistry Letters*, **2013**, 23, 5919-22	2.9	2
17	Efficient, Cost-Effective, High-Throughput, Multilocus Sequencing Typing (MLST) Method, NGMLST, and the Analytical Software Program MLSTEZ. *Methods in Molecular Biology*, **2017**, 1492, 197-202	1.4	2
16	Population genomics ofCryptococcus neoformansvar.grubiireveals new biogeographic relationships and finely maps hybridization		2
15	Cobalt sulfide catalysts for single-walled carbon nanotube synthesis. *Diamond and Related Materials*, **2021**, 114, 108288	3.5	2
14	Ionic liquid gating of single-walled carbon nanotube devices with ultra-short channel length down to 10 nm. *Applied Physics Letters*, **2021**, 118, 063101	3.4	2
13	Dual-Template Pore Engineering of Whey Powder-Derived Carbon as an Efficient Oxygen Reduction Reaction Electrocatalyst for Primary Zinc-Air Battery. *Chemistry - an Asian Journal*, **2020**, 15, 1881-1889	4.5	1
12	One-dimensional covalent organic framework□carbon nanotube heterostructures for efficient capacitive energy storage. *Applied Physics Letters*, **2021**, 119, 211905	3.4	1
11	Population genomics and the evolution of virulence in the fungal pathogenCryptococcus neoformans		1
10	Carbon composite membranes for thermal-driven membrane processes. *Carbon*, **2021**, 179, 600-626	10.4	1
9	N-doped carbon nanosheets assembled microspheres for more effective capacitive deionization. *Separation and Purification Technology*, **2021**, 276, 119336	8.3	1
8	Bifunctional catalysts for heterogeneous electro-Fenton processes: a review. *Environmental Chemistry Letters*,	13.3	1
7	A novel effect of PDLIM5 in □ nicotinic acetylcholine receptor upregulation and surface expression.. *Cellular and Molecular Life Sciences*, **2022**, 79, 64	10.3	0
6	High-performance Fe□NC electrocatalysts with a □hain mail□protective shield. *Nano Materials Science*, **2021**, 3, 420-420	10.2	0
5	Capacitive deionization of carbon spheres with a carbon shell derived from the quantum dots of urea-citric acid grown in situ. *Diamond and Related Materials*, **2021**, 116, 108444	3.5	0
4	High-energy-density aqueous sodium-ion batteries enabled by chromium hexacycnochromate anodes. *Chemical Engineering Journal*, **2021**, 415, 129003	14.7	0
3	Altered gut microbiome in FUT2 loss-of-function mutants in support of personalized medicine for inflammatory bowel diseases. *Journal of Genetics and Genomics*, **2021**, 48, 771-780	4	0

2	Graphitic carbon from catalytic methane decomposition as efficient conductive additives for zinc-carbon batteries. *Carbon*, **2022**, 192, 84-92	10.4	0
1	RNA: An Expanding View of Function and Evolution. *Evolutionary Bioinformatics*, **2015**, 11, 77-9	1.9	