List of Publications by Year in descending order

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241 papers	11,576 citations	³⁴⁴⁹³ 54 h-index	40945 97 g-index
252	252	252	19415
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Endogenous miRNA Sponge lincRNA-RoR Regulates Oct4, Nanog, and Sox2 in Human Embryonic Stem Cell Self-Renewal. Developmental Cell, 2013, 25, 69-80.	3.1	712
2	Umbilical Cord-Derived Mesenchymal Stem Cell-Derived Exosomal MicroRNAs Suppress Myofibroblast Differentiation by Inhibiting the Transforming Growth Factor-β/SMAD2 Pathway During Wound Healing. Stem Cells Translational Medicine, 2016, 5, 1425-1439.	1.6	399
3	Active modulation of electromagnetically induced transparency analogue in terahertz hybrid metal-graphene metamaterials. Carbon, 2018, 126, 271-278.	5.4	382
4	Phase-adjusted estimation of the number of Coronavirus Disease 2019 cases in Wuhan, China. Cell Discovery, 2020, 6, 10.	3.1	358
5	Porous photocatalysts for advanced water purifications. Journal of Materials Chemistry, 2010, 20, 4512.	6.7	311
6	Controlled Soft-Template Synthesis of Ultrathin C@FeS Nanosheets with High-Li-Storage Performance. ACS Nano, 2012, 6, 4713-4721.	7.3	293
7	From Metal–Organic Framework to Li ₂ S@C–Co–N Nanoporous Architecture: A High-Capacity Cathode for Lithium–Sulfur Batteries. ACS Nano, 2016, 10, 10981-10987.	7.3	273
8	Two miRNA clusters, <i>miR-34b/c</i> and <i>miR-449</i> , are essential for normal brain development, motile ciliogenesis, and spermatogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2851-7.	3.3	244
9	MicroRNA-449 and MicroRNA-34b/c Function Redundantly in Murine Testes by Targeting E2F Transcription Factor-Retinoblastoma Protein (E2F-pRb) Pathway. Journal of Biological Chemistry, 2012, 287, 21686-21698.	1.6	197
10	Microbiota of the seminal fluid from healthy and infertile men. Fertility and Sterility, 2013, 100, 1261-1269.e3.	0.5	190
11	Self-Assembled Sandwich-like MXene-Derived Nanocomposites for Enhanced Electromagnetic Wave Absorption. ACS Applied Materials & Interfaces, 2018, 10, 42925-42932.	4.0	188
12	Nanowire Structured Hybrid Cell for Concurrently Scavenging Solar and Mechanical Energies. Journal of the American Chemical Society, 2009, 131, 5866-5872.	6.6	182
13	Photocatalytic Degradation of Methylene Blue by Titanium Dioxide: Experimental and Modeling Study. Industrial & Engineering Chemistry Research, 2014, 53, 14641-14649.	1.8	171
14	Tunable light trapping and absorption enhancement with graphene ring arrays. Physical Chemistry Chemical Physics, 2016, 18, 26661-26669.	1.3	164
15	Cu doped V2O5 flowers as cathode material for high-performance lithium ion batteries. Nanoscale, 2013, 5, 4937.	2.8	161
16	mir-34b/c and mir-449a/b/c are required for spermatogenesis, but not for the first cleavage division in mice. Biology Open, 2015, 4, 212-223.	0.6	157
17	Reduced graphene oxide supported highly porous V2O5 spheres as a high-power cathode material for lithium ion batteries. Nanoscale, 2011, 3, 4752.	2.8	155
18	Three-Dimensional CNT/Graphene–Li ₂ S Aerogel as Freestanding Cathode for High-Performance Li–S Batteries. ACS Energy Letters, 2016, 1, 820-826.	8.8	148

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19	Direct Observation of Wet Biological Samples by Graphene Liquid Cell Transmission Electron Microscopy. Nano Letters, 2015, 15, 4737-4744.	4.5	137
20	Tellurium-Impregnated Porous Cobalt-Doped Carbon Polyhedra as Superior Cathodes for Lithium–Tellurium Batteries. ACS Nano, 2017, 11, 8144-8152.	7.3	137
21	Preparation and properties of thermally conductive polyimide/boron nitride composites. RSC Advances, 2016, 6, 18279-18287.	1.7	135
22	Compact Hybrid Cell Based on a Convoluted Nanowire Structure for Harvesting Solar and Mechanical Energy. Advanced Materials, 2011, 23, 873-877.	11.1	134
23	Lead-Free Nanogenerator Made from Single ZnSnO ₃ Microbelt. ACS Nano, 2012, 6, 4335-4340.	7.3	133
24	Template-free synthesis of urchin-like Co3O4 hollow spheres with good lithium storage properties. Journal of Power Sources, 2013, 222, 97-102.	4.0	128
25	Self-assembled cauliflower-like FeS2 anchored into graphene foam as free-standing anode for high-performance lithium-ion batteries. Carbon, 2017, 114, 111-116.	5.4	128
26	Exosomal MicroRNAs Derived From Umbilical Mesenchymal Stem Cells Inhibit Hepatitis C Virus Infection. Stem Cells Translational Medicine, 2016, 5, 1190-1203.	1.6	126
27	Direct impregnation of SeS ₂ into a MOF-derived 3D nanoporous Co–N–C architecture towards superior rechargeable lithium batteries. Journal of Materials Chemistry A, 2018, 6, 10466-10473.	5.2	120
28	Effects of low dose estrogen therapy on the vaginal microbiomes of women with atrophic vaginitis. Scientific Reports, 2016, 6, 24380.	1.6	119
29	COVID-19 containment: China provides important lessons for global response. Frontiers of Medicine, 2020, 14, 215-219.	1.5	117
30	Li3V2(PO4)3 nanocrystals embedded in a nanoporous carbon matrix supported on reduced graphene oxide sheets: Binder-free and high rate cathode material for lithium-ion batteries. Journal of Power Sources, 2012, 214, 171-177.	4.0	112
31	Flexible and Transparent Nanogenerators Based on a Composite of Leadâ€Free ZnSnO ₃ Triangularâ€Belts. Advanced Materials, 2012, 24, 6094-6099.	11.1	110
32	Strong interaction between graphene layer and Fano resonance in terahertz metamaterials. Journal Physics D: Applied Physics, 2017, 50, 195101.	1.3	104
33	Long non-coding RNA GAS5 controls human embryonic stem cell self-renewal by maintaining NODAL signalling. Nature Communications, 2016, 7, 13287.	5.8	94
34	Synthesis of Cu _{<i>x</i>} S/Cu Nanotubes and Their Lithium Storage Properties. Journal of Physical Chemistry C, 2012, 116, 12468-12474.	1.5	92
35	Hybridizing ZnO Nanowires with Micropyramid Silicon Wafers as Superhydrophobic Highâ€Efficiency Solar Cells. Advanced Energy Materials, 2012, 2, 47-51.	10.2	89
36	A Highâ€Reliability Kevlar Fiberâ€ZnO Nanowires Hybrid Nanogenerator and its Application on Selfâ€Powered UV Detection. Advanced Functional Materials, 2015, 25, 5794-5798.	7.8	85

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37	Facile preparation of hydrated vanadium pentoxide nanobelts based bulky paper as flexible binder-free cathodes for high-performance lithium ion batteries. RSC Advances, 2011, 1, 117.	1.7	82
38	Three-dimensional hierarchical C-Co-N/Se derived from metal-organic framework as superior cathode for Li-Se batteries. Journal of Power Sources, 2017, 363, 103-109.	4.0	82
39	One-pot synthesis of carbon-coated VO ₂ (B) nanobelts for high-rate lithium storage. RSC Advances, 2012, 2, 1174-1180.	1.7	81
40	Pomegranate-Like Silicon/Nitrogen-doped Graphene Microspheres as Superior-Capacity Anode for Lithium-Ion Batteries. Electrochimica Acta, 2016, 215, 667-673.	2.6	80
41	The Composition of Microbiome in Larynx and the Throat Biodiversity between Laryngeal Squamous Cell Carcinoma Patients and Control Population. PLoS ONE, 2013, 8, e66476.	1.1	79
42	Motile cilia of the male reproductive system require miR-34/miR-449 for development and function to generate luminal turbulence. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3584-3593.	3.3	79
43	Quercetin protects gastric epithelial cell from oxidative damage in vitro and in vivo. European Journal of Pharmacology, 2015, 754, 115-124.	1.7	77
44	Tunable Anisotropic Absorption in Hyperbolic Metamaterials Based on Black Phosphorous/Dielectric Multilayer Structures. Journal of Lightwave Technology, 2019, 37, 3290-3297.	2.7	76
45	New PCN and PCP Pincer Palladium(II) Complexes:  Convenient Synthesis via Facile One-Pot Phosphorylation/Palladation Reaction and Structural Characterization. Organometallics, 2007, 26, 6487-6492.	1.1	75
46	MicroRNA-184 downregulates nuclear receptor corepressor 2 in mouse spermatogenesis. BMC Developmental Biology, 2011, 11, 64.	2.1	69
47	Enhanced Performance of Lithium Sulfur Battery with a Reduced Graphene Oxide Coating Separator. Journal of the Electrochemical Society, 2015, 162, A1624-A1629.	1.3	68
48	A comparison study of mesoporous Mo/H-ZSM-5 and conventional Mo/H-ZSM-5 catalysts in methane non-oxidative aromatization. Fuel Processing Technology, 2012, 96, 195-202.	3.7	66
49	Long non-coding RNA GAS5 inhibited hepatitis C virus replication by binding viral NS3 protein. Virology, 2016, 492, 155-165.	1.1	64
50	A feed-forward regulatory loop between androgen receptor and PlncRNA-1 promotes prostate cancer progression. Cancer Letters, 2016, 374, 62-74.	3.2	64
51	Self-assembled interwoven CoS2/CNTs/graphene architecture as anode for high-performance lithium ion batteries. Journal of Alloys and Compounds, 2017, 708, 1178-1183.	2.8	64
52	NiFe LDH/MXene Derivatives Interconnected with Carbon Fabric for Flexible Electromagnetic Wave Absorption. ACS Applied Materials & amp; Interfaces, 2021, 13, 16713-16721.	4.0	63
53	Role of microRNAs in mammalian spermatogenesis and testicular germ cell tumors. Reproduction, 2015, 149, R127-R137.	1.1	62
54	Fe2O3 nanocluster-decorated graphene as O2 electrode for high energy Li–O2 batteries. RSC Advances, 2012, 2, 8508.	1.7	59

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55	Microbiota in the Throat and Risk Factors for Laryngeal Carcinoma. Applied and Environmental Microbiology, 2014, 80, 7356-7363.	1.4	57
56	Design, synthesis and biological evaluation of pyrazolyl-nitroimidazole derivatives as potential EGFR/HER-2 kinase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 677-683.	1.0	54
57	Bacterial Cellulose Membranes Used as Artificial Substitutes for Dural Defection in Rabbits. International Journal of Molecular Sciences, 2014, 15, 10855-10867.	1.8	53
58	Design, synthesis and biological evaluation of novel ferrocene-pyrazole derivatives containing nitric oxide donors as COX-2 inhibitors for cancer therapy. European Journal of Medicinal Chemistry, 2018, 157, 909-924.	2.6	51
59	Rockburst prediction and classification based on the ideal-point method of information theory. Tunnelling and Underground Space Technology, 2018, 81, 382-390.	3.0	50
60	BACE1-AS prevents BACE1 mRNA degradation through the sequestration of BACE1-targeting miRNAs. Journal of Chemical Neuroanatomy, 2019, 98, 87-96.	1.0	50
61	Independently tunable dual-spectral electromagnetically induced transparency in a terahertz metal–graphene metamaterial. Journal Physics D: Applied Physics, 2018, 51, 415105.	1.3	49
62	Regulation of DNA replication-coupled histone gene expression. Oncotarget, 2017, 8, 95005-95022.	0.8	48
63	Performance analysis of ultraviolet water disinfection reactors using computational fluid dynamics simulation. Chemical Engineering Journal, 2013, 221, 398-406.	6.6	45
64	Integrated microRNA-mRNA analyses reveal OPLL specific microRNA regulatory network using high-throughput sequencing. Scientific Reports, 2016, 6, 21580.	1.6	45
65	Serial multiple mediation of the association between internet gaming disorder and suicidal ideation by insomnia and depression in adolescents in Shanghai, China. BMC Psychiatry, 2020, 20, 460.	1.1	45
66	Estimation of reproduction numbers of COVID-19 in typical countries and epidemic trends under different prevention and control scenarios. Frontiers of Medicine, 2020, 14, 613-622.	1.5	45
67	MicroRNA-31 functions as a tumor suppressor and increases sensitivity to mitomycin-C in urothelial bladder cancer by targeting integrin α5. Oncotarget, 2016, 7, 27445-27457.	0.8	44
68	Hopeanol: A Potent Cytotoxin with A Novel Skeleton fromHopea exalata. European Journal of Organic Chemistry, 2006, 2006, 5551-5554.	1.2	43
69	Antidepressant effect of three traditional Chinese medicines in the learned helplessness model. Journal of Ethnopharmacology, 2004, 91, 345-349.	2.0	41
70	Synthesis of mesoporous anatase TiO2 with a combined template method and photocatalysis. CrystEngComm, 2010, 12, 3455.	1.3	41
71	MicroRNAâ€145 directly targets the insulinâ€like growth factor receptor I in human bladder cancer cells. FEBS Letters, 2014, 588, 3180-3185.	1.3	41
72	Discovery of a series of 1,3,4-oxadiazole-2(3 H)-thione derivatives containing piperazine skeleton as potential FAK inhibitors. Bioorganic and Medicinal Chemistry, 2017, 25, 2593-2600.	1.4	41

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73	Synthesis of Mo/IM-5 catalyst and its catalytic behavior in methane non-oxidative aromatization. Fuel, 2011, 90, 1515-1521.	3.4	40
74	Synthesis of Mo/TNU-9 (TNU-9 Taejon National University No. 9) catalyst and its catalytic performance in methane non-oxidative aromatization. Energy, 2011, 36, 1582-1589.	4.5	39
75	A computational study of the effect of lamp arrangements on the performance of ultraviolet water disinfection reactors. Chemical Engineering Science, 2015, 122, 299-306.	1.9	39
76	Aqueous-Based Chemical Route toward Ambient Preparation of Multicomponent Core–Shell Nanotubes. ACS Nano, 2014, 8, 4004-4014.	7.3	37
77	Label-Free Proteomics Uncovers Energy Metabolism and Focal Adhesion Regulations Responsive for Endometrium Receptivity. Journal of Proteome Research, 2015, 14, 1831-1842.	1.8	37
78	Wrinkled sulfur@graphene microspheres with high sulfur loading as superior-capacity cathode for Li S batteries. Materials Today Energy, 2016, 1-2, 11-16.	2.5	37
79	Crack Propagation and Fracture Toughness of Graphene Probed by Raman Spectroscopy. ACS Nano, 2019, 13, 10327-10332.	7.3	37
80	UBQLN1 interacts with SPEM1 and participates in spermiogenesis. Molecular and Cellular Endocrinology, 2010, 327, 89-97.	1.6	36
81	Screening of an Antigen Target for Immunocontraceptives from Cross-Reactive Antigens between Human Sperm and Ureaplasma urealyticum. Infection and Immunity, 2007, 75, 2004-2011.	1.0	35
82	PIK3C2A is a gene-specific target of microRNA-518a-5p in imatinib mesylate-resistant gastrointestinal stromal tumor. Laboratory Investigation, 2016, 96, 652-660.	1.7	35
83	miR-195-5p is critical in REGγ-mediated regulation of wnt/β-catenin pathway in renal cell carcinoma. Oncotarget, 2017, 8, 63986-64000.	0.8	35
84	A fluorescent sensor for discrimination of HSA from BSA through selectivity evolution. Analytica Chimica Acta, 2018, 1043, 123-131.	2.6	33
85	Characterisation of the bacterial community in expressed prostatic secretions from patients with chronic prostatitis/chronic pelvic pain syndrome and infertile men: a preliminary investigation. Asian Journal of Andrology, 2012, 14, 566-573.	0.8	33
86	Immunocontraceptive potential of the Igâ€ŀike domain of Izumo. Molecular Reproduction and Development, 2009, 76, 794-801.	1.0	32
87	Nanohybridization of ferrocene clusters and reduced graphene oxides with enhanced lithium storage capability. Chemical Communications, 2011, 47, 10383.	2.2	32
88	RANBP17 is localized to the XY body of spermatocytes and interacts with SPEM1 on the manchette of elongating spermatids. Molecular and Cellular Endocrinology, 2011, 333, 134-142.	1.6	32
89	A technology opportunities analysis model: applied to dye-sensitised solar cells for China. Technology Analysis and Strategic Management, 2014, 26, 87-104.	2.0	32
90	Oneâ€Step Solvothermal Synthesis of Singleâ€Crystalline TiOF ₂ Nanotubes with High Lithiumâ€Ion Battery Performance. Chemistry - A European Journal, 2012, 18, 4026-4030.	1.7	31

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91	Germline deletion of Cdyl causes teratozoospermia and progressive infertility in male mice. Cell Death and Disease, 2019, 10, 229.	2.7	31
92	Dynamic changes of histone H3 trimethylated at positions K4 and K27 in human oocytes and preimplantation embryos. Fertility and Sterility, 2012, 98, 1009-1016.	0.5	30
93	The effect of human cumulus cells on the maturation and developmental potential of immature occytes in ICSI cycles. Journal of Assisted Reproduction and Genetics, 2012, 29, 313-319.	1.2	30
94	Burr-hole Irrigation with Closed-system Drainage for the Treatment of Chronic Subdural Hematoma: A Meta-analysis. Neurologia Medico-Chirurgica, 2016, 56, 62-68.	1.0	30
95	Inhibiting Aβ toxicity in Alzheimer's disease by a pyridine amine derivative. European Journal of Medicinal Chemistry, 2019, 168, 330-339.	2.6	30
96	Multifunctional drug carrier on the basis of 3d–4f Fe/La-MOFs for drug delivery and dual-mode imaging. Journal of Materials Chemistry B, 2019, 7, 6612-6622.	2.9	30
97	Expression of the retinoic acid-metabolizing enzymes RALDH2 and CYP26b1 during mouse postnatal testis development. Asian Journal of Andrology, 2008, 10, 569-576.	0.8	29
98	Set1-catalyzed H3K4 trimethylation antagonizes the HIR/Asf1/Rtt106 repressor complex to promote histone gene expression and chronological life span. Nucleic Acids Research, 2019, 47, 3434-3449.	6.5	29
99	MicroRNA-181 regulates the development of Ossification of Posterior longitudinal ligament via Epigenetic Modulation by targeting PBX1. Theranostics, 2020, 10, 7492-7509.	4.6	29
100	A facile approach to nanoarchitectured three-dimensional graphene-based Li–Mn–O composite as high-power cathodes for Li-ion batteries. Beilstein Journal of Nanotechnology, 2012, 3, 513-523.	1.5	28
101	Rapid synthesis of Gd2Zr2O7 ceramics by flash sintering and its aqueous durability. Journal of the European Ceramic Society, 2020, 40, 1620-1625.	2.8	28
102	Chondro-protective effects of celastrol on osteoarthritis through autophagy activation and NF-ήB signaling pathway inhibition. Inflammation Research, 2020, 69, 385-400.	1.6	28
103	Inflammatory microRNA-194 and -515 attenuate the biosynthesis of chondroitin sulfate during human intervertebral disc degeneration. Oncotarget, 2017, 8, 49303-49317.	0.8	28
104	Calcium Pectinate Capsules for Colon-Specific Drug Delivery. Drug Development and Industrial Pharmacy, 2005, 31, 127-134.	0.9	27
105	Amorphous Iron Oxyhydroxide Nanosheets: Synthesis, Li Storage, and Conversion Reaction Kinetics. Journal of Physical Chemistry C, 2013, 117, 17462-17469.	1.5	27
106	An Energy-Efficient Cross-Layer-Sensing Clustering Method Based on Intelligent Fog Computing in WSNs. IEEE Access, 2019, 7, 144165-144177.	2.6	27
107	Repair of dural defects with electrospun bacterial cellulose membranes in a rabbit experimental model. Materials Science and Engineering C, 2020, 117, 111246.	3.8	27
108	Empirically informing a technology delivery system model for an emerging technology: illustrated for dyeâ€sensitized solar cells. R and D Management, 2012, 42, 133-149.	3.0	26

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109	H/ACA Box Small Nucleolar RNA 7A Promotes the Self-Renewal of Human Umbilical Cord Mesenchymal Stem Cells. Stem Cells, 2017, 35, 222-235.	1.4	26
110	<p>lncRNA CCAT2 Enhanced Resistance of Glioma Cells Against Chemodrugs by Disturbing the Normal Function of miR-424</p> . OncoTargets and Therapy, 2020, Volume 13, 1431-1445.	1.0	26
111	Anti-adhesive effect of an acidic polysaccharide from <i>Aloe vera</i> L. var. <i>chinensis</i> (Haw.) Berger on the binding of <i>Helicobacter pylori</i> to the MKN-45 cell line. Journal of Pharmacy and Pharmacology, 2010, 62, 1753-1759.	1.2	25
112	Synthesis and Structural Characterization of Palladacycles with Polydentate Ligands by a Stepwise Coupling Route – Palladacycles Containing Halides as Efficient Catalysts and Substrates. European Journal of Inorganic Chemistry, 2011, 2011, 4878-4888.	1.0	25
113	Posterosuperior Placement of a Standard-Sized Cup at the True Acetabulum in Acetabular Reconstruction of Developmental Dysplasia of the Hip With High Dislocation. Journal of Arthroplasty, 2016, 31, 1233-1239.	1.5	25
114	TGFâ€Î² Stimulates Expression of Chondroitin Polymerizing Factor in Nucleus Pulposus Cells Through the Smad3, RhoA/ROCK1, and MAPK Signaling Pathways. Journal of Cellular Biochemistry, 2018, 119, 566-579.	1.2	25
115	STK31(TDRD8) is dynamically regulated throughout mouse spermatogenesis and interacts with MIWI protein. Histochemistry and Cell Biology, 2012, 137, 377-389.	0.8	24
116	Fast fabrication of superabsorbent polyampholytic nanocomposite hydrogels via plasma-ignited frontal polymerization. Journal of Polymer Science Part A, 2014, 52, 912-920.	2.5	24
117	Domain-boundary independency of Raman spectra for strained graphene at strong interfaces. Carbon, 2018, 134, 37-42.	5.4	24
118	MicroRNA-10a, -210, and -563 as circulating biomarkers for ossification of the posterior longitudinal ligament. Spine Journal, 2019, 19, 735-743.	0.6	24
119	Genetic inhibition of an ATP synthase subunit extends lifespan in C. elegans. Scientific Reports, 2018, 8, 14836.	1.6	23
120	Histone Acetylase Inhibitor Curcumin Impairs Mouse Spermiogenesis–An In Vitro Study. PLoS ONE, 2012, 7, e48673.	1.1	21
121	TGF-β Induces Up-Regulation of Chondroitin Sulfate Synthase 1 (CHSY1) in Nucleus Pulposus Cells Through MAPK Signaling. Cellular Physiology and Biochemistry, 2015, 37, 793-804.	1.1	21
122	Lithographically-generated 3D lamella layers and their structural color. Nanoscale, 2016, 8, 9118-9127.	2.8	21
123	An ultrafast synthesis method of LiNi _{1/3} Co _{1/3} Mn _{1/3} O ₂ cathodes by flash/fieldâ€assisted sintering. Journal of the American Ceramic Society, 2018, 101, 4076-4083.	1.9	21
124	A scalable polymer-free method for transferring graphene onto arbitrary surfaces. Carbon, 2020, 161, 479-485.	5.4	21
125	Structure of a Holliday junction complex reveals mechanisms governing a highly regulated DNA transaction. ELife, 2016, 5, .	2.8	21
126	The antibody against a nuclear autoantigenic sperm protein can result in reproductive failure. Asian Journal of Andrology, 2009, 11, 183-192.	0.8	20

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127	Novel functional carboxymethyl cellulose lithium (CMC-Li) for enhanced performance of lithium-ion batteries. RSC Advances, 2014, 4, 24859-24862.	1.7	20
128	CIP2A mediates fibronectin-induced bladder cancer cell proliferation by stabilizing β-catenin. Journal of Experimental and Clinical Cancer Research, 2017, 36, 70.	3.5	20
129	Curcumin primed ADMSCs derived small extracellular vesicle exert enhanced protective effects on osteoarthritis by inhibiting oxidative stress and chondrocyte apoptosis. Journal of Nanobiotechnology, 2022, 20, 123.	4.2	20
130	Freeâ€Radicalâ€Promoted Conversion of Graphite Oxide into Chemically Modified Graphene. Chemistry - A European Journal, 2013, 19, 5948-5954.	1.7	19
131	The fabrication of 2D and 3D photonic crystal arrays towards high performance recognition of metal ions and biomolecules. Journal of Materials Chemistry C, 2016, 4, 1398-1404.	2.7	19
132	Low-power, ultrafast, and dynamic all-optical tunable plasmon induced transparency in two stub resonators side-coupled with a plasmonic waveguide system. Journal Physics D: Applied Physics, 2017, 50, 455107.	1.3	19
133	Expression of transcriptional factor EB (TFEB) in differentiating spermatogonia potentially promotes cell migration in mouse seminiferous epithelium. Reproductive Biology and Endocrinology, 2018, 16, 105.	1.4	19
134	The microRNA-10a/ID3/RUNX2 axis modulates the development of Ossification of Posterior Longitudinal Ligament. Scientific Reports, 2018, 8, 9225.	1.6	19
135	Room-temperature phosphorescence of a water-soluble supramolecular organic framework. Chemical Communications, 2021, 57, 10178-10181.	2.2	19
136	A Spectrally Tunable Plasmonic Photosensor with an Ultrathin Semiconductor Region. Plasmonics, 2018, 13, 897-902.	1.8	18
137	Design and biological evaluation of novel triaryl pyrazoline derivatives with dioxane moiety for selective BRAFV600E inhibition. European Journal of Medicinal Chemistry, 2018, 155, 725-735.	2.6	18
138	Phase- and epidemic region-adjusted estimation of the number of coronavirus disease 2019 cases in China. Frontiers of Medicine, 2020, 14, 199-209.	1.5	18
139	Longitudinal predictors for incidence of internet gaming disorder among adolescents: The roles of time spent on gaming and depressive symptoms. Journal of Adolescence, 2021, 92, 1-9.	1.2	18
140	Host-guest supramolecular assembly directing beta-cyclodextrin based nanocrystals towards their robust performances. Journal of Hazardous Materials, 2019, 361, 329-337.	6.5	17
141	Inhibition of mouse acrosome reaction and sperm-zona pellucida binding by anti-human sperm membrane protein 1 antibody. Asian Journal of Andrology, 2007, 9, 23-29.	0.8	16
142	Antimicrobial Activity and Molecular Mechanism of the CRES Protein. PLoS ONE, 2012, 7, e48368.	1.1	16
143	Application of Artificial Neural Network and Genetic Programming in Modeling and Optimization of Ultraviolet Water Disinfection Reactors. Chemical Engineering Communications, 2015, 202, 1415-1424.	1.5	16
144	Metronidazole containing pyrazole derivatives potently inhibit tyrosylâ€ŧRNA synthetase: design, synthesis, and biological evaluation. Chemical Biology and Drug Design, 2016, 88, 592-598.	1.5	16

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145	Developing potential Helicobacter pylori urease inhibitors from novel oxoindoline derivatives: Synthesis, biological evaluation and in silico study. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 3182-3186.	1.0	16
146	Design and synthesis of a novel "turn-on―long range measuring fluorescent probe for monitoring endogenous cysteine in living cells and Caenorhabditis elegans. Analytica Chimica Acta, 2021, 1152, 338243.	2.6	16
147	Association of the MTHFR C677T polymorphism with primary brain tumor risk. Tumor Biology, 2013, 34, 3457-3464.	0.8	15
148	Synthesis and biological evaluation of novel indole derivatives containing sulfonamide scaffold as potential tubulin inhibitor. MedChemComm, 2016, 7, 1759-1767.	3.5	15
149	siRNA against TSG101 reduces proliferation and induces G0/G1 arrest in renal cell carcinoma – involvement of c-myc, cyclin E1, and CDK2. Cellular and Molecular Biology Letters, 2019, 24, 7.	2.7	15
150	VEGF-C Induces Alternative Activation of Microglia to Promote Recovery from Traumatic Brain Injury. Journal of Alzheimer's Disease, 2019, 68, 1687-1697.	1.2	15
151	Tailoring slow light with a metal–graphene hybrid metasurface in the terahertz regime. Journal of the Optical Society of America B: Optical Physics, 2019, 36, E48.	0.9	15
152	Synthesis, molecular modeling, and biological evaluation of quinazoline derivatives containing the 1,3,4-oxadiazole scaffold as novel inhibitors of VEGFR2. RSC Advances, 2015, 5, 19914-19923.	1.7	14
153	Controllable synthesis of a novel magnetic core–shell nanoparticle for dual-modal imaging and pH-responsive drug delivery. Nanotechnology, 2017, 28, 495101.	1.3	14
154	HIF-1α and VEGF Are Involved in Deferoxamine-Ameliorated Traumatic Brain Injury. Journal of Surgical Research, 2020, 246, 419-426.	0.8	14
155	SNORD126 Promotes Hepatitis C Virus Infection by Upregulating Claudin-1 via Activation of PI3K-AKT Signaling Pathway. Frontiers in Microbiology, 2020, 11, 565590.	1.5	14
156	Inflammatoryâ€sensitive CHI3L1 protects nucleus pulposus via AKT3 signaling during intervertebral disc degeneration. FASEB Journal, 2020, 34, 3554-3569.	0.2	14
157	A novel series of benzothiazepine derivatives as tubulin polymerization inhibitors with anti-tumor potency. Bioorganic Chemistry, 2021, 108, 104585.	2.0	14
158	Calibration of the Microparameters of Rock Specimens by Using Various Machine Learning Algorithms. International Journal of Geomechanics, 2021, 21, .	1.3	14
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160	Chondroitin synthaseâ€3 regulates nucleus pulposus degeneration through actinâ€induced YAP signaling. FASEB Journal, 2020, 34, 16581-16600.	0.2	13
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