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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

519 papers	10,628 citations	54 h-index	83 g-index
563 ext. papers	12,050 ext. citations	4.5 avg, IF	6.26 L-index

#	Paper	IF	Citations
519	Large-scale synthesis of single-wall carbon nanotubes by catalytic chemical vapor deposition (CCVD) method. <i>Chemical Physics Letters</i> , 2000 , 317, 83-89	2.5	386
518	Production of short carbon nanotubes with open tips by ball milling. <i>Chemical Physics Letters</i> , 2001 , 335, 1-8	2.5	244
517	Green synthesis of gold nanoparticles by thermophilic filamentous fungi. <i>Scientific Reports</i> , 2018 , 8, 3943	4.9	182
516	Photosensitization of ion-exchangeable titanate nanotubes by CdS nanoparticles. <i>Chemical Physics Letters</i> , 2004 , 399, 512-515	2.5	166
515	Synthetic Insertion of Gold Nanoparticles into Mesoporous Silica. <i>Chemistry of Materials</i> , 2003 , 15, 1242-1248	4.248	157
514	Preparation and characterization of carbon nanotube reinforced silicon nitride composites. <i>Materials Science and Engineering C</i> , 2003 , 23, 1133-1137	8.3	156
513	Large scale production of short functionalized carbon nanotubes. <i>Chemical Physics Letters</i> , 2002 , 360, 429-435	2.5	154
512	Encapsulation of Metal (Au, Ag, Pt) Nanoparticles into the Mesoporous SBA-15 Structure. <i>Langmuir</i> , 2003 , 19, 4396-4401	4	154
511	Oriented crystal growth model explains the formation of titania nanotubes. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 17781-3	3.4	148
510	Hydrothermal Conversion of Self-Assembled Titanate Nanotubes into Nanowires in a Revolving Autoclave. <i>Chemistry of Materials</i> , 2007 , 19, 927-931	9.6	146
509	Structure and gas permeability of multi-wall carbon nanotube buckypapers. <i>Carbon</i> , 2007 , 45, 1176-1184	10.4	143
508	Bulk production of quasi-aligned carbon nanotube bundles by the catalytic chemical vapour deposition (CCVD) method. <i>Chemical Physics Letters</i> , 1999 , 303, 117-124	2.5	142
507	Control of the outer diameter of thin carbon nanotubes synthesized by catalytic decomposition of hydrocarbons. <i>Chemical Physics Letters</i> , 2000 , 317, 71-76	2.5	139
506	Low-temperature large-scale synthesis and electrical testing of ultralong copper nanowires. <i>Langmuir</i> , 2010 , 26, 16496-502	4	138
505	Formation of CuPd and CuPt Bimetallic Nanotubes by Galvanic Replacement Reaction. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 9403-9409	3.8	136
504	Nitrogen-doped anatase nanofibers decorated with noble metal nanoparticles for photocatalytic production of hydrogen. <i>ACS Nano</i> , 2011 , 5, 5025-30	16.7	123
503	Long-time low-impact ball milling of multi-wall carbon nanotubes. <i>Carbon</i> , 2005 , 43, 994-1000	10.4	122

502	Alumina and silica supported metal catalysts for the production of carbon nanotubes. <i>Journal of Molecular Catalysis A</i> , 2002 , 181, 57-62		117
501	Functionalized low defect graphene nanoribbons and polyurethane composite film for improved gas barrier and mechanical performances. <i>ACS Nano</i> , 2013 , 7, 10380-6	16.7	109
500	Studies on the thermal decomposition of multiwall carbon nanotubes under different atmospheres. <i>Materials Letters</i> , 2013 , 90, 165-168	3.3	109
499	Interconnecting carbon nanotubes with an inorganic metal complex. <i>Journal of the American Chemical Society</i> , 2002 , 124, 13694-5	16.4	105
498	Effects of Support and Rh Additive on Co-Based Catalysts in the Ethanol Steam Reforming Reaction. <i>ACS Catalysis</i> , 2014 , 4, 1205-1218	13.1	100
497	Catalytic synthesis of carbon nanotubes over Co, Fe and Ni containing conventional and sol-gel silica/Aluminas. <i>Physical Chemistry Chemical Physics</i> , 2000 , 2, 3071-3076	3.6	100
496	Enhanced photocatalytic activity of TiO ₂ nanofibers and their flexible composite films: Decomposition of organic dyes and efficient H ₂ generation from ethanol-water mixtures. <i>Nano Research</i> , 2011 , 4, 360-369	10	98
495	Synthesis of single-wall carbon nanotubes by catalytic decomposition of hydrocarbons. <i>Chemical Communications</i> , 1999 , 1343-1344	5.8	95
494	Spherical mesoporous MCM-41 materials containing transition metals: synthesis and characterization. <i>Applied Catalysis A: General</i> , 2004 , 272, 257-266	5.1	93
493	Processing of carbon nanotube reinforced silicon nitride composites by spark plasma sintering. <i>Composites Science and Technology</i> , 2005 , 65, 727-733	8.6	93
492	Development of CNT/Si ₃ N ₄ composites with improved mechanical and electrical properties. <i>Composites Part B: Engineering</i> , 2006 , 37, 418-424	10	91
491	CO hydrogenation over cobalt and iron catalysts supported over multiwall carbon nanotubes: Effect of preparation. <i>Journal of Catalysis</i> , 2006 , 244, 24-32	7.3	90
490	Removal of As(III) and Cr(VI) from aqueous solutions using green zero-valent iron nanoparticles produced by oak, mulberry and cherry leaf extracts. <i>Ecological Engineering</i> , 2016 , 90, 42-49	3.9	89
489	Photo-induced reactions in the CO ₂ -methane system on titanate nanotubes modified with Au and Rh nanoparticles. <i>Applied Catalysis B: Environmental</i> , 2016 , 199, 473-484	21.8	87
488	Biological activity of green-synthesized silver nanoparticles depends on the applied natural extracts: a comprehensive study. <i>International Journal of Nanomedicine</i> , 2017 , 12, 871-883	7.3	85
487	Nanocrystal Templating of Silica Mesopores with Tunable Pore Sizes. <i>Nano Letters</i> , 2002 , 2, 907-910	11.5	81
486	Trace level voltammetric determination of lead and cadmium in sediment pore water by a bismuth-oxychloride particle-multiwalled carbon nanotube composite modified glassy carbon electrode. <i>Talanta</i> , 2015 , 134, 640-649	6.2	79
485	Silver nanoparticles defeat p53-positive and p53-negative osteosarcoma cells by triggering mitochondrial stress and apoptosis. <i>Scientific Reports</i> , 2016 , 6, 27902	4.9	79

484	Synthesis of Catalytic Porous Metallic Nanorods by Galvanic Exchange Reaction. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 389-393	3.8	78
483	Atomic scale characterization and surface chemistry of metal modified titanate nanotubes and nanowires. <i>Surface Science Reports</i> , 2016 , 71, 473-546	12.9	76
482	End morphology of ball milled carbon nanotubes. <i>Carbon</i> , 2004 , 42, 2001-2008	10.4	76
481	Three different clay-supported nanoscale zero-valent iron materials for industrial azo dye degradation: A comparative study. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014 , 45, 2451-2461	5.3	72
480	Novel Two-Step Synthesis of Controlled Size and Shape Platinum Nanoparticles Encapsulated in Mesoporous Silica. <i>Catalysis Letters</i> , 2002 , 81, 137-140	2.8	70
479	Controlling the pore diameter distribution of multi-wall carbon nanotube buckypapers. <i>Carbon</i> , 2007 , 45, 1696-1698	10.4	68
478	Multiwall carbon nanotube modified vinylester and vinylester based hybrid resins. <i>Composites Part A: Applied Science and Manufacturing</i> , 2006 , 37, 1252-1259	8.4	67
477	Three-dimensional carbon nanotube scaffolds as particulate filters and catalyst support membranes. <i>ACS Nano</i> , 2010 , 4, 2003-8	16.7	66
476	Chemical functionalisation of titania nanotubes and their utilisation for the fabrication of reinforced polystyrene composites. <i>Journal of Materials Chemistry</i> , 2007 , 17, 2351		65
475	Room temperature hydrogen sensors based on metal decorated WO ₃ nanowires. <i>Sensors and Actuators B: Chemical</i> , 2013 , 186, 90-95	8.5	64
474	Synthesis, characterisation and catalytic applications of sol-gel derived silica-phosphotungstic acid composites. <i>Applied Catalysis A: General</i> , 2002 , 228, 83-94	5.1	64
473	Complex-assisted one-step synthesis of ion-exchangeable titanate nanotubes decorated with CdS nanoparticles. <i>Chemical Physics Letters</i> , 2005 , 411, 445-449	2.5	64
472	On the role of catalyst, catalyst support and their interaction in synthesis of carbon nanotubes by CCVD. <i>Materials Chemistry and Physics</i> , 2003 , 77, 536-541	4.4	61
471	Functionalized boron nitride porous solids. <i>RSC Advances</i> , 2015 , 5, 93964-93968	3.7	59
470	Co ₄ N/nitrogen-doped graphene: A non-noble metal oxygen reduction electrocatalyst for alkaline fuel cells. <i>Applied Catalysis B: Environmental</i> , 2018 , 237, 826-834	21.8	57
469	Silver nanoparticles: aggregation behavior in biorelevant conditions and its impact on biological activity. <i>International Journal of Nanomedicine</i> , 2019 , 14, 667-687	7.3	55
468	Intercalating amino acid guests into montmorillonite host. <i>Journal of Molecular Structure</i> , 2003 , 651-653, 335-340	3.4	55
467	Observation of site selective binding in a polymer nanotube composite. <i>Journal of Materials Science Letters</i> , 2000 , 19, 2239-2241		55

466	Production of differently shaped multi-wall carbon nanotubes using various cobalt supported catalysts. <i>Physical Chemistry Chemical Physics</i> , 2000 , 2, 163-170	3.6	54
465	Environmentally Benign Synthesis Methods of Zero-Valent Iron Nanoparticles. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 291-297	8.3	51
464	In Situ DRIFTS and NAP-XPS Exploration of the Complexity of CO ₂ Hydrogenation over Size-Controlled Pt Nanoparticles Supported on Mesoporous NiO. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 5553-5565	3.8	48
463	Biosynthesized silver and gold nanoparticles are potent antimycotics against opportunistic pathogenic yeasts and dermatophytes. <i>International Journal of Nanomedicine</i> , 2018 , 13, 695-703	7.3	48
462	Rh-induced support transformation phenomena in titanate nanowire and nanotube catalysts. <i>Langmuir</i> , 2013 , 29, 3061-72	4	48
461	Green Silver and Gold Nanoparticles: Biological Synthesis Approaches and Potentials for Biomedical Applications. <i>Molecules</i> , 2021 , 26,	4.8	46
460	XPS characterisation of catalysts during production of multiwalled carbon nanotubes. <i>Physical Chemistry Chemical Physics</i> , 2001 , 3, 155-158	3.6	45
459	Dry reforming of CH ₄ on Rh doped Co/Al ₂ O ₃ catalysts. <i>Catalysis Today</i> , 2014 , 228, 123-130	5.3	44
458	Application of carbon nanotubes to silicon nitride matrix reinforcements. <i>Current Applied Physics</i> , 2006 , 6, 124-130	2.6	43
457	Synthesis and characterization of polyvinyl alcohol based multiwalled carbon nanotube nanocomposites. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2014 , 61, 129-134	3	42
456	On the growth mechanism of single-walled carbon nanotubes by catalytic carbon vapor deposition on supported metal catalysts. <i>Journal of Nanoscience and Nanotechnology</i> , 2004 , 4, 326-45	1.3	42
455	Indium and gallium containing ZSM-5 zeolites: acidity and catalytic activity in propane transformation. <i>Catalysis Today</i> , 1996 , 31, 293-304	5.3	42
454	Nervous system effects in rats on subacute exposure by lead-containing nanoparticles via the airways. <i>Inhalation Toxicology</i> , 2011 , 23, 173-81	2.7	41
453	Functional neurotoxicity of Mn-containing nanoparticles in rats. <i>Ecotoxicology and Environmental Safety</i> , 2010 , 73, 2004-9	7	41
452	Quantitative Characterization of Hydrophilic/Hydrophobic Properties of MWNTs Surfaces. <i>Langmuir</i> , 2004 , 20, 1656-1661	4	41
451	Mechanical and chemical breaking of multiwalled carbon nanotubes. <i>Catalysis Today</i> , 2002 , 76, 3-10	5.3	41
450	Silver nanoparticles modulate ABC transporter activity and enhance chemotherapy in multidrug resistant cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016 , 12, 601-610	6	40
449	Catalyst traces and other impurities in chemically purified carbon nanotubes grown by CVD. <i>Materials Science and Engineering C</i> , 2002 , 19, 9-13	8.3	40

448	Probing the interaction of Rh, Co and bimetallic Rh-Co nanoparticles with the CeO ₂ support: catalytic materials for alternative energy generation. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 27154-66	3.6	38
447	XPS study of multiwall carbon nanotube synthesis on Ni-, V-, and Ni, V-ZSM-5 catalysts. <i>Applied Catalysis A: General</i> , 2004 , 260, 55-61	5.1	37
446	Endoplasmic reticulum stress: major player in size-dependent inhibition of P-glycoprotein by silver nanoparticles in multidrug-resistant breast cancer cells. <i>Journal of Nanobiotechnology</i> , 2019 , 17, 9	9.4	35
445	Stability and Temperature-Induced Agglomeration of Rh Nanoparticles Supported by CeO ₂ . <i>Langmuir</i> , 2016 , 32, 2761-70	4	35
444	Impact of the morphology and reactivity of nanoscale zero-valent iron (NZVI) on dechlorinating bacteria. <i>Water Research</i> , 2016 , 95, 165-73	12.5	34
443	Electrical resistivity and thermal properties of compatibilized multi-walled carbon nanotube/polypropylene composites. <i>EXPRESS Polymer Letters</i> , 2012 , 6, 494-502	3.4	33
442	Production of carbon nanotubes inside the pores of mesoporous silicates. <i>Chemical Physics Letters</i> , 2002 , 359, 95-100	2.5	33
441	Mn(II) amino acid complexes intercalated in CaAl-layered double hydroxide [Well-characterized, highly efficient, recyclable oxidation catalysts. <i>Journal of Catalysis</i> , 2016 , 335, 125-134	7.3	32
440	Probing the interaction of Au, Rh and bimetallic AuRh clusters with the TiO ₂ nanowire and nanotube support. <i>Surface Science</i> , 2011 , 605, 1048-1055	1.8	32
439	Reforming of ethanol on Co/Al ₂ O ₃ catalysts reduced at different temperatures. <i>Journal of Catalysis</i> , 2018 , 358, 118-130	7.3	31
438	Mechanochemically assisted synthesis of pristine Ca(II)Sn(IV)-layered double hydroxides and their amino acid intercalated nanocomposites. <i>Journal of Materials Science</i> , 2014 , 49, 8478-8486	4.3	31
437	Molecular interactions between organic compounds and functionally modified multiwalled carbon nanotubes. <i>Chemical Engineering Journal</i> , 2013 , 225, 144-152	14.7	31
436	Solid state MAS NMR investigation of Y-type zeolites reacted with chlorofluorocarbons. <i>Applied Catalysis B: Environmental</i> , 1998 , 17, 157-166	21.8	31
435	Infrared spectroscopic study of adsorption and reactions of methyl chloride on acidic, neutral and basic zeolites. <i>Applied Catalysis B: Environmental</i> , 1996 , 8, 391-404	21.8	31
434	Propionic Acid Produced by Propionibacterium acnes Strains Contributes to Their Pathogenicity. <i>Acta Dermato-Venereologica</i> , 2016 , 96, 43-9	2.2	31
433	Layered titanate nanostructures: perspectives for industrial exploitation. <i>Translational Materials Research</i> , 2015 , 2, 015003		30
432	Ultrasonically-enhanced mechanochemical synthesis of CaAl-layered double hydroxides intercalated by a variety of inorganic anions. <i>Ultrasonics Sonochemistry</i> , 2016 , 31, 409-16	8.9	30
431	Influence of gold additives on the stability and phase transformation of titanate nanostructures. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 26786-97	3.6	30

430	Toxic metal immobilization in contaminated sediment using bentonite- and kaolinite-supported nano zero-valent iron. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	30
429	Hydrodynamic chronoamperometric determination of hydrogen peroxide using carbon paste electrodes coated by multiwalled carbon nanotubes decorated with MnO ₂ or Pt particles. <i>Sensors and Actuators B: Chemical</i> , 2016 , 233, 83-92	8.5	30
428	Optimisation of the synthesis parameters of mechanochemically prepared CaAl-layered double hydroxide. <i>Applied Clay Science</i> , 2015 , 112-113, 94-99	5.2	29
427	Ionic Self-Assembled Polyelectrolyte-Based Carbon Nanotube Fibers. <i>Chemistry of Materials</i> , 2009 , 21, 3062-3071	9.6	29
426	Moderate anisotropy in the electrical conductivity of bulk MWCNT/epoxy composites. <i>Carbon</i> , 2010 , 48, 1918-1925	10.4	29
425	STM investigation of carbon nanotubes connected by functional groups. <i>Materials Science and Engineering C</i> , 2003 , 23, 1007-1011	8.3	29
424	Modulating chromatin structure and DNA accessibility by deacetylase inhibition enhances the anti-cancer activity of silver nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 146, 670-7	6	28
423	Pre-prepared platinum nanoparticles supported on SBA-15 [preparation, pretreatment conditions and catalytic properties. <i>Catalysis Letters</i> , 2007 , 113, 19-28	2.8	27
422	The Acidity and Catalytic Activity of Supported Acidic Cesium Dodecatungstophosphates Studied by MAS NMR, FTIR, and Catalytic Test Reactions. <i>Journal of Catalysis</i> , 2001 , 202, 379-386	7.3	27
421	Noble-metal-free and Pt nanoparticles-loaded, mesoporous oxides as efficient catalysts for CO ₂ hydrogenation and dry reforming with methane. <i>Journal of CO₂ Utilization</i> , 2019 , 32, 106-118	7.6	26
420	On-chip integrated vertically aligned carbon nanotube based super- and pseudocapacitors. <i>Scientific Reports</i> , 2017 , 7, 16594	4.9	26
419	Sonication assisted gold deposition on multiwall carbon nanotubes. <i>Chemical Physics Letters</i> , 2003 , 372, 848-852	2.5	26
418	Synthesis and characterization of hyperbranched mesoporous silica SBA-15. <i>Chemical Communications</i> , 2003 , 314-5	5.8	26
417	Optimization of thiamethoxam adsorption parameters using multi-walled carbon nanotubes by means of fractional factorial design. <i>Chemosphere</i> , 2015 , 141, 87-93	8.4	25
416	Visible light activation photocatalytic performance of PbSe quantum dot sensitized TiO ₂ Nanowires. <i>Applied Catalysis B: Environmental</i> , 2015 , 179, 583-588	21.8	25
415	Optimization of the Catalytic Chemical Vapor Deposition Synthesis of Multiwall Carbon Nanotubes on FeCo(Ni)/SiO ₂ Aerogel Catalysts by Statistical Design of Experiments. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 5894-5902	3.8	25
414	Voltammetric behavior and determination of the macrolide antibiotics azithromycin, clarithromycin and roxithromycin at a renewable silver amalgam film electrode. <i>Electrochimica Acta</i> , 2017 , 229, 334-344	6.7	24
413	Development and characterization of multi-element doped hydroxyapatite bioceramic coatings on metallic implants for orthopedic applications. <i>Boletin De La Sociedad Espanola De Ceramica Y Vidrio</i> , 2018 , 57, 55-65	1.9	24

412	Catalytic Hydrogenation of d-Xylose Over Ru Decorated Carbon Foam Catalyst in a SpinChem [®] Rotating Bed Reactor. <i>Topics in Catalysis</i> , 2016 , 59, 1165-1177	2.3	24
411	Mechanochemical synthesis and intercalation of Ca(II)Fe(III)-layered double hydroxides. <i>Journal of Solid State Chemistry</i> , 2016 , 233, 236-243	3.3	24
410	Synthesis of Zinc Glycerolate Microstacks from a ZnO Nanorod Sacrificial Template. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 3622-3627	2.3	24
409	Heterogeneous catalytic production and mechanical resistance of nanotubes prepared on magnesium oxide supported Co-based catalysts. <i>Applied Catalysis A: General</i> , 2002 , 229, 229-233	5.1	24
408	Conformational mapping of amyloid peptides from the putative neurotoxic 25-35 region. <i>Biochemical and Biophysical Research Communications</i> , 1994 , 205, 120-6	3.4	24
407	Nitro-oxidative signalling induced by chemically synthesized zinc oxide nanoparticles (ZnO NPs) in Brassica species. <i>Chemosphere</i> , 2020 , 251, 126419	8.4	23
406	Core-shell nanoparticles suppress metastasis and modify the tumour-supportive activity of cancer-associated fibroblasts. <i>Journal of Nanobiotechnology</i> , 2020 , 18, 18	9.4	23
405	Synthesis and properties of novel Ba(II)Fe(III) layered double hydroxides. <i>Applied Clay Science</i> , 2010 , 48, 214-217	5.2	23
404	The Interaction of Cobalt with CeO ₂ (111) Prepared on Cu(111). <i>Journal of Physical Chemistry C</i> , 2015 , 119, 9324-9333	3.8	22
403	Microcomputed tomographyBased characterization of advanced materials: a review. <i>Materials Today Advances</i> , 2020 , 8, 100084	7.4	22
402	Reconstruction of calcined MgAl- and NiMgAl-layered double hydroxides during glycerol dehydration and their recycling characteristics. <i>Applied Clay Science</i> , 2013 , 80-81, 245-248	5.2	22
401	Subacute intratracheal exposure of rats to manganese nanoparticles: behavioral, electrophysiological, and general toxicological effects. <i>Inhalation Toxicology</i> , 2009 , 21 Suppl 1, 83-91	2.7	22
400	Multi-Walled Carbon Nanotubes 2013 , 147-188		22
399	Layer-by-layer assembly of TiO ₂ nanowire/carbon nanotube films and characterization of their photocatalytic activity. <i>Nanotechnology</i> , 2011 , 22, 195701	3.4	21
398	Low-temperature growth of multi-walled carbon nanotubes by thermal CVD. <i>Physica Status Solidi (B): Basic Research</i> , 2011 , 248, 2500-2503	1.3	21
397	UVVIS investigations on Co, Fe and Ni incorporated into sol-gel SiO ₂ /TiO ₂ matrices. <i>Journal of Molecular Structure</i> , 2001 , 563-564, 403-407	3.4	21
396	Noble-Metal-Free Iron Nitride/Nitrogen-Doped Graphene Composite for the Oxygen Reduction Reaction. <i>ACS Omega</i> , 2019 , 4, 130-139	3.9	21
395	Size-Dependent Toxicity Differences of Intratracheally Instilled Manganese Oxide Nanoparticles: Conclusions of a Subacute Animal Experiment. <i>Biological Trace Element Research</i> , 2016 , 171, 156-66	4.5	20

394	Inkjet printed resistive and chemical-FET carbon nanotube gas sensors. <i>Physica Status Solidi (B): Basic Research</i> , 2008 , 245, 2335-2338	1.3	20
393	Quantitative Tracking of the Oxidation of Black Phosphorus in the Few-Layer Regime. <i>ACS Omega</i> , 2018 , 3, 12482-12488	3.9	20
392	LEIS and XPS investigation into the growth of cerium and cerium dioxide on Cu(111). <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 5124-32	3.6	19
391	One step synthesis of chlorine-free Pt/Nitrogen-doped graphene composite for oxygen reduction reaction. <i>Carbon</i> , 2018 , 133, 90-100	10.4	19
390	Molecular Insights into the Fungus-Specific Serine/Threonine Protein Phosphatase Z1 in <i>Candida albicans</i> . <i>MBio</i> , 2016 , 7,	7.8	19
389	Chemical characterization of laboratory-generated tar ball particles. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 10407-10418	6.8	19
388	Metal loading determines the stabilization pathway for Co ²⁺ in titanate nanowires: ion exchange vs. cluster formation. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 15917-25	3.6	19
387	Adsorption of chlorinated phenols on multiwalled carbon nanotubes. <i>RSC Advances</i> , 2015 , 5, 24920-24929	3.7	19
386	In situ synthesis of catalytic metal nanoparticle-PDMS membranes by thermal decomposition process. <i>Composites Science and Technology</i> , 2011 , 71, 129-133	8.6	19
385	Quality by Design Based Formulation Study of Meloxicam-Loaded Polymeric Micelles for Intranasal Administration. <i>Pharmaceutics</i> , 2020 , 12,	6.4	19
384	Low-temperature conversion of titanate nanotubes into nitrogen-doped TiO ₂ nanoparticles. <i>CrystEngComm</i> , 2014 , 16, 7486-7492	3.3	18
383	Structural stability test of hexagonal CePO ₄ nanowires synthesized at ambient temperature. <i>Journal of Molecular Structure</i> , 2013 , 1044, 94-98	3.4	18
382	Exploiting the ion-exchange ability of titanate nanotubes in a model water softening process. <i>Chemical Physics Letters</i> , 2014 , 591, 161-165	2.5	18
381	Influence of pretreatment conditions on acidity of cobalt-based bimetallic systems in NaY zeolite. <i>Catalysis Letters</i> , 1997 , 44, 7-10	2.8	18
380	On the effects of milling and thermal regeneration on the luminescence properties of Eu ²⁺ and Dy ³⁺ doped strontium aluminate phosphors. <i>Journal of Luminescence</i> , 2020 , 219, 116917	3.8	18
379	Synthesis, characterization and photocatalytic activity of crystalline Mn(II)Cr(III)-layered double hydroxide. <i>Catalysis Today</i> , 2017 , 284, 195-201	5.3	17
378	Evaluation and comparison of the ammonia adsorption capacity of titanosilicates ETS-4 and ETS-10 and aluminotitanosilicates ETAS-4 and ETAS-10. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015 , 122, 1257-1267	4.1	17
377	Determination of H ₂ O ₂ by MnO ₂ modified screen printed carbon electrode during Fenton and visible light-assisted photo-Fenton based removal of acetamiprid from water. <i>Journal of Electroanalytical Chemistry</i> , 2015 , 755, 77-86	4.1	17

376	Cu(II)-amino acid/CaAl-layered double hydroxide complexes, recyclable, efficient catalysts in various oxidative transformations. <i>Journal of Molecular Catalysis A</i> , 2016 , 423, 49-60		17
375	Synthesis and properties of CaAl-layered double hydroxides of hydrocalumite-type. <i>Chemical Papers</i> , 2014 , 68,	1.9	17
374	Synthesis and characterization of WO ₃ nanowires and metal nanoparticle-WO ₃ nanowire composites. <i>Journal of Molecular Structure</i> , 2013 , 1044, 99-103	3.4	17
373	Synthesis and photocatalytic performance of titanium dioxide nanofibers and the fabrication of flexible composite films from nanofibers. <i>Journal of Nanoscience and Nanotechnology</i> , 2012 , 12, 1421-4	1.3	17
372	Synthesis and characterisation of coiled carbon nanotubes. <i>Catalysis Today</i> , 2012 , 181, 33-39	5.3	17
371	Comparison of Fe/Al/sub 2/O/sub 3/ and Fe, Co/Al/sub 2/O/sub 3/ catalysts used for production of carbon nanotubes from acetylene by CCVD. <i>IEEE Nanotechnology Magazine</i> , 2004 , 3, 73-79	2.6	17
370	Ultrasonically-enhanced preparation, characterization of CaFe-layered double hydroxides with various interlayer halide, azide and oxo anions (CO, NO, ClO). <i>Ultrasonics Sonochemistry</i> , 2018 , 40, 853-860	8.9	17
369	Determination of the platinum concentration of a Pt/silica nanocomposite decorated with ultra small Pt nanoparticles using single particle inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2017 , 32, 996-1003	3.7	16
368	Photoelectrochemistry by Design: Tailoring the Nanoscale Structure of Pt/NiO Composites Leads to Enhanced Photoelectrochemical Hydrogen Evolution Performance. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 12148-12158	3.8	16
367	A novel WS ₂ nanowire-nanoflake hybrid material synthesized from WO ₃ nanowires in sulfur vapor. <i>Scientific Reports</i> , 2016 , 6, 25610	4.9	16
366	Flow-driven morphology control in the cobalt/oxalate system. <i>CrystEngComm</i> , 2016 , 18, 2057-2064	3.3	16
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