

# Wolfgang Tremel

## List of Publications by Citations

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18,159  
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#	Paper	IF	Citations
487	V2O5 Nanowires with an Intrinsic Peroxidase-Like Activity. <i>Advanced Functional Materials</i> , <b>2011</b> , 21, 501-508	19.0	531
486	Graphene based metal and metal oxide nanocomposites: synthesis, properties and their applications. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 18753-18808	13	446
485	Vanadium pentoxide nanoparticles mimic vanadium haloperoxidases and thwart biofilm formation. <i>Nature Nanotechnology</i> , <b>2012</b> , 7, 530-5	28.7	412
484	Synthesis and bio-functionalization of magnetic nanoparticles for medical diagnosis and treatment. <i>Dalton Transactions</i> , <b>2011</b> , 40, 6315-43	4.3	222
483	Thermoelectrics: From history, a window to the future. <i>Materials Science and Engineering Reports</i> , <b>2019</b> , 138, 100501	30.9	190
482	Extraordinary Performance of Carbon-Coated Anatase TiO as Sodium-Ion Anode. <i>Advanced Energy Materials</i> , <b>2016</b> , 6, 1501489	21.8	174
481	Biofabrication of biosilica-glass by living organisms. <i>Natural Product Reports</i> , <b>2008</b> , 25, 455-74	15.1	173
480	Early homogenous amorphous precursor stages of calcium carbonate and subsequent crystal growth in levitated droplets. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 12342-7	16.4	167
479	Formation of siliceous spicules in the marine demosponge <i>Suberites domuncula</i> . <i>Cell and Tissue Research</i> , <b>2005</b> , 321, 285-97	4.2	155
478	Hydrogen peroxide sensing with horseradish peroxidase-modified polymer single conical nanochannels. <i>Analytical Chemistry</i> , <b>2011</b> , 83, 1673-80	7.8	151
477	Templated growth of calcite, vaterite and aragonite crystals on self-assembled monolayers of substituted alkythiols on gold. <i>Journal of Materials Chemistry</i> , <b>1998</b> , 8, 641-650		146
476	Understanding the Tribochemical Mechanisms of IF-MoS <sub>2</sub> Nanoparticles Under Boundary Lubrication. <i>Tribology Letters</i> , <b>2011</b> , 41, 55-64	2.8	143
475	Highly efficient and stable dye-sensitized solar cells based on SnO <sub>2</sub> nanocrystals prepared by microwave-assisted synthesis. <i>Energy and Environmental Science</i> , <b>2012</b> , 5, 5392-5400	35.4	138
474	Reverse Micelle Synthesis and Characterization of ZnSe Nanoparticles. <i>Langmuir</i> , <b>2000</b> , 16, 4049-4051	4	137
473	Multifunctional two-photon active silica-coated Au@MnO Janus particles for selective dual functionalization and imaging. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 2473-83	16.4	133
472	Solids Go Bio: Inorganic Nanoparticles as Enzyme Mimics. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 1906-1915	2.3	132
471	Haloperoxidase Mimicry by CeO Nanorods Combats Biofouling. <i>Advanced Materials</i> , <b>2017</b> , 29, 1603823	24	130

470	Biogenic synthesis of palladium nanoparticles using <i>Pulicaria glutinosa</i> extract and their catalytic activity towards the Suzuki coupling reaction. <i>Dalton Transactions</i> , <b>2014</b> , 43, 9026-31	4.3	128
469	Au@MnO nanoflowers: hybrid nanocomposites for selective dual functionalization and imaging. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 3976-80	16.4	128
468	Synthesis and Characterization of Monodisperse Manganese Oxide Nanoparticles Evaluation of the Nucleation and Growth Mechanism. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 3183-3190	9.6	126
467	Templated Crystallisation of Calcium and Strontium Carbonates on Centred Rectangular Self-Assembled Monolayer Substrates. <i>Chemistry - A European Journal</i> , <b>1998</b> , 4, 1834-1842	4.8	122
466	Sponge spicules as blueprints for the biofabrication of inorganic-organic composites and biomaterials. <i>Applied Microbiology and Biotechnology</i> , <b>2009</b> , 83, 397-413	5.7	120
465	Ferroelastic Fingerprints in Methylammonium Lead Iodide Perovskite. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 5724-5731	3.8	118
464	Thermoelectric transport in Cu <sub>7</sub> PSe <sub>6</sub> with high copper ionic mobility. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 12035-40	16.4	118
463	Influence of a nano phase segregation on the thermoelectric properties of the p-type doped stannite compound Cu <sub>(2+x)</sub> Zn <sub>(1-x)</sub> GeSe <sub>4</sub> . <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 7147-54	16.4	118
462	Green synthesis of silver nanoparticles mediated by <i>Pulicaria glutinosa</i> extract. <i>International Journal of Nanomedicine</i> , <b>2013</b> , 8, 1507-16	7.3	117
461	Inorganic Nanotubes. <i>Angewandte Chemie - International Edition</i> , <b>1999</b> , 38, 2175-2179	16.4	117
460	Co-expression and functional interaction of silicatein with galectin: matrix-guided formation of siliceous spicules in the marine demosponge <i>Suberites domuncula</i> . <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 12001-9	5.4	112
459	Metal ion affinity-based biomolecular recognition and conjugation inside synthetic polymer nanopores modified with iron-terpyridine complexes. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 17307-14	16.4	111
458	Metal-Organic Chemical Vapor Deposition Synthesis of Hollow Inorganic-Fullerene-Type MoS <sub>2</sub> and MoSe <sub>2</sub> Nanoparticles. <i>Advanced Materials</i> , <b>2005</b> , 17, 2372-2375	24	111
457	Thermoelectric properties of Sr <sub>3</sub> GaSb <sub>3</sub> a chain-forming Zintl compound. <i>Energy and Environmental Science</i> , <b>2012</b> , 5, 9121	35.4	110
456	Facile synthesis and characterization of functionalized, monocrytalline rutile TiO <sub>2</sub> nanorods. <i>Langmuir</i> , <b>2006</b> , 22, 5209-12	4	109
455	Flexible minerals: self-assembled calcite spicules with extreme bending strength. <i>Science</i> , <b>2013</b> , 339, 1298-302	33.3	108
454	Formation of layered titania and zirconia catalysed by surface-bound silicatein. <i>Chemical Communications</i> , <b>2005</b> , 5533-5	5.8	106
453	Green Approach for the Effective Reduction of Graphene Oxide Using <i>Salvadora persica</i> L. Root (Miswak) Extract. <i>Nanoscale Research Letters</i> , <b>2015</b> , 10, 987	5	105

452	Facile synthesis and characterization of monocrystalline cubic ZrO <sub>2</sub> nanoparticles. <i>Solid State Sciences</i> , <b>2007</b> , 9, 1105-1109	3.4	104
451	Strong stabilization of amorphous calcium carbonate emulsion by ovalbumin: gaining insight into the mechanism of 'polymer-induced liquid precursor' processes. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 12642-9	16.4	103
450	Square nets of main-group elements in solid-state materials. <i>Journal of the American Chemical Society</i> , <b>1987</b> , 109, 124-140	16.4	102
449	Molybdenum trioxide nanoparticles with intrinsic sulfite oxidase activity. <i>ACS Nano</i> , <b>2014</b> , 8, 5182-9	16.7	101
448	Siliceous spicules in marine demosponges (example <i>Suberites domuncula</i> ). <i>Micron</i> , <b>2006</b> , 37, 107-20	2.3	101
447	Controlled synthesis of linear and branched Au@ZnO hybrid nanocrystals and their photocatalytic properties. <i>Nanoscale</i> , <b>2013</b> , 5, 9944-9	7.7	97
446	Nucleation and growth of CaCO <sub>3</sub> mediated by the egg-white protein ovalbumin: a time-resolved in situ study using small-angle neutron scattering. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 6879-92	16.4	97
445	Phonon scattering through a local anisotropic structural disorder in the thermoelectric solid solution Cu <sub>2</sub> Zn(1-x)Fe(x)GeSe <sub>4</sub> . <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 726-32	16.4	94
444	Reactive polymers: a versatile toolbox for the immobilization of functional molecules on TiO <sub>2</sub> nanoparticles. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 908-12	16.4	93
443	Carbonate-coordinated metal complexes precede the formation of liquid amorphous mineral emulsions of divalent metal carbonates. <i>Nanoscale</i> , <b>2011</b> , 3, 1158-65	7.7	92
442	Facile large scale synthesis of WS <sub>2</sub> nanotubes from WO <sub>3</sub> nanorods prepared by a hydrothermal route. <i>Solid State Sciences</i> , <b>2005</b> , 7, 67-72	3.4	92
441	Solution synthesis of a new thermoelectric Zn(1+x)Sb nanophase and its structure determination using automated electron diffraction tomography. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 9881-9	16.4	87
440	Monitoring the formation of biosilica catalysed by histidine-tagged silicatein. <i>Chemical Communications</i> , <b>2004</b> , 2848-9	5.8	86
439	Poly(silicate)-metabolizing silicatein in siliceous spicules and silicasomes of demosponges comprises dual enzymatic activities (silica polymerase and silica esterase). <i>FEBS Journal</i> , <b>2008</b> , 275, 362-70	5.7	85
438	Overcoming the insolubility of molybdenum disulfide nanoparticles through a high degree of sidewall functionalization using polymeric chelating ligands. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 4809-15	16.4	85
437	Humidity-Induced Grain Boundaries in MAPbI <sub>3</sub> Perovskite Films. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 6363-6368	3.8	83
436	Colloid-Bound Catalysts for Ring-Opening Metathesis Polymerization: A Combination of Homogenous and Heterogeneous Properties. <i>Angewandte Chemie - International Edition</i> , <b>1998</b> , 37, 2466-2468	16.4	83
435	Effect of isovalent substitution on the thermoelectric properties of the Cu <sub>2</sub> ZnGeSe(4-x)S(x) series of solid solutions. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 442-8	16.4	80

434	Ab Initio structure determination of vaterite by automated electron diffraction. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 7041-5	16.4	80
433	Highly water-soluble magnetic iron oxide (FeO) nanoparticles for drug delivery: enhanced in vitro therapeutic efficacy of doxorubicin and MION conjugates. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 2874-2884	7.3	80
432	Influence of Binding-Site Density in Wet Bioadhesion. <i>Advanced Materials</i> , <b>2008</b> , 20, 3872-3876	24	78
431	Crystal structure, magnetic properties, and <sup>57</sup> Fe Mössbauer spectroscopy of the two-dimensional coordination polymers [M(1,2-bis(1,2,4-triazol-4-yl)ethane) <sub>2</sub> (NCS) <sub>2</sub> ] (MII = Fe, Co). <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 9723-30	5.1	76
430	Enzymatic production of biosilica glass using enzymes from sponges: basic aspects and application in nanobiotechnology (material sciences and medicine). <i>Die Naturwissenschaften</i> , <b>2007</b> , 94, 339-59	2	75
429	Liquid Crystalline Phases from Polymer-Functionalized TiO <sub>2</sub> Nanorods. <i>Advanced Materials</i> , <b>2007</b> , 19, 2073-2078	24	74
428	One-dimensional hypersonic phononic crystals. <i>Nano Letters</i> , <b>2010</b> , 10, 980-4	11.5	73
427	Highly soluble multifunctional MnO nanoparticles for simultaneous optical and MRI imaging and cancer treatment using photodynamic therapy. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 8297		73
426	Genotoxic effects of zinc oxide nanoparticles. <i>Nanoscale</i> , <b>2015</b> , 7, 8931-8	7.7	72
425	Carbon-Coated Anatase TiO <sub>2</sub> Nanotubes for Li- and Na-Ion Anodes. <i>Journal of the Electrochemical Society</i> , <b>2015</b> , 162, A3013-A3020	3.9	71
424	Synthesis of Mesoporous Supraparticles on Superamphiphobic Surfaces. <i>Advanced Materials</i> , <b>2015</b> , 27, 7338-43	24	70
423	Biomolecular conjugation inside synthetic polymer nanopores via glycoprotein-lectin interactions. <i>Nanoscale</i> , <b>2011</b> , 3, 1894-903	7.7	69
422	Fabrication of a Silica Coating on Magnetic Fe <sub>2</sub> O <sub>3</sub> Nanoparticles by an Immobilized Enzyme. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 3567-3573	9.6	69
421	Two-Dimensional Structure of Disulfides and Thiols on Gold(111). <i>Langmuir</i> , <b>1998</b> , 14, 808-815	4	69
420	Electronic properties of ZrTe <sub>3</sub> . <i>Journal of Materials Chemistry</i> , <b>1998</b> , 8, 1787-1798		69
419	Bismuth-catalyzed growth of SnS <sub>2</sub> nanotubes and their stability. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 6426-30	16.4	68
418	Bioorganic/inorganic hybrid composition of sponge spicules: matrix of the giant spicules and of the comitalia of the deep sea hexactinellid <i>Monorhaphis</i> . <i>Journal of Structural Biology</i> , <b>2008</b> , 161, 188-203	3.4	68
417	Formation of giant spicules in the deep-sea hexactinellid <i>Monorhaphis chuni</i> (Schulze 1904): electron-microscopic and biochemical studies. <i>Cell and Tissue Research</i> , <b>2007</b> , 329, 363-78	4.2	68

416	Transition metal chalcogenides: new views on an old topic. <i>Journal of Alloys and Compounds</i> , <b>1995</b> , 219, 73-82	5.7	68
415	Liquid crystalline phases from polymer functionalised semiconducting nanorods. <i>Journal of Materials Chemistry</i> , <b>2008</b> , 18, 3050		67
414	From single molecules to nanoscopically structured functional materials: Au nanocrystal growth on TiO <sub>2</sub> nanowires controlled by surface-bound silicatein. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 4803-9	16.4	67
413	Plant extracts as green reductants for the synthesis of silver nanoparticles: lessons from chemical synthesis. <i>Dalton Transactions</i> , <b>2018</b> , 47, 11988-12010	4.3	66
412	Synthesis, characterization, and hierarchical organization of tungsten oxide nanorods: spreading driven by Marangoni flow. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 17566-75	16.4	66
411	Apposition of silica lamellae during growth of spicules in the demosponge <i>Suberites domuncula</i> : biological/biochemical studies and chemical/biomimetical confirmation. <i>Journal of Structural Biology</i> , <b>2007</b> , 159, 325-34	3.4	66
410	Crystallization of Vaterite Nanowires by the Cooperative Interaction of Tailor-Made Nucleation Surfaces and Polyelectrolytes. <i>Advanced Functional Materials</i> , <b>2005</b> , 15, 683-688	15.6	65
409	Fibrous Nanozyme Dressings with Catalase-Like Activity for HO Reduction To Promote Wound Healing. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 38024-38031	9.5	63
408	A plasma protein corona enhances the biocompatibility of Au@Fe <sub>3</sub> O <sub>4</sub> Janus particles. <i>Biomaterials</i> , <b>2015</b> , 68, 77-88	15.6	62
407	Superparamagnetic gamma-Fe(2)O(3) nanoparticles with tailored functionality for protein separation. <i>Chemical Communications</i> , <b>2007</b> , 4677-9	5.8	62
406	Transitions between NiAs and MnP type phases: an electronically driven distortion of triangular (36) nets. <i>Journal of the American Chemical Society</i> , <b>1986</b> , 108, 5174-5187	16.4	62
405	Magnetic and structural properties of the double-perovskite Ca <sub>2</sub> FeReO <sub>6</sub> . <i>Solid State Communications</i> , <b>2002</b> , 122, 201-206	1.6	61
404	<i>Pulicaria glutinosa</i> plant extract: a green and eco-friendly reducing agent for the preparation of highly reduced graphene oxide. <i>RSC Advances</i> , <b>2014</b> , 4, 24119-24125	3.7	59
403	Phase selection of calcium carbonate through the chirality of adsorbed amino acids. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 5618-23	16.4	58
402	Synthesis of MoO <sub>3</sub> nanostructures and their facile conversion to MoS <sub>2</sub> fullerenes and nanotubes. <i>Solid State Sciences</i> , <b>2006</b> , 8, 1133-1137	3.4	58
401	Mercaptophenol-Protected Gold Colloids as Nuclei for the Crystallization of Inorganic Minerals: Templated Crystallization on Curved Surfaces. <i>Chemistry of Materials</i> , <b>1999</b> , 11, 1317-1325	9.6	58
400	Metal-Metal Bonding and Metallic Behavior in Some ABO <sub>2</sub> Delafossites. <i>Chemistry of Materials</i> , <b>1998</b> , 10, 2189-2196	9.6	57
399	Engineering the hypersonic phononic band gap of hybrid Bragg stacks. <i>Nano Letters</i> , <b>2012</b> , 12, 3101-8	11.5	56

398	Multifunctional superparamagnetic MnO@SiO <sub>2</sub> core/shell nanoparticles and their application for optical and magnetic resonance imaging. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 9253		55
397	A Solvothermal Route to High-Surface-Area Nanostructured MoS <sub>2</sub> . <i>Chemistry of Materials</i> , <b>2003</b> , 15, 4498-4502		55
396	Nickel-thiolate chemistry based on chelating ligands: controlling the course of self-assembly reactions via ligand bite distances. Synthesis, structures, and properties of the homoleptic complexes [Ni <sub>3</sub> (SCH <sub>2</sub> C <sub>6</sub> H <sub>4</sub> CH <sub>2</sub> S) <sub>4</sub> ] <sup>2-</sup> , [Ni <sub>3</sub> (SCH <sub>2</sub> CH <sub>2</sub> S) <sub>4</sub> ] <sup>2-</sup> , and [Ni <sub>6</sub> (SCH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> S) <sub>7</sub> ] <sup>2-</sup> . <i>Inorganic Chemistry</i> , <b>1988</b> , 27, 3886-3895	5.1	55
395	Intrinsic superoxide dismutase activity of MnO nanoparticles enhances the magnetic resonance imaging contrast. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 7423-7428	7.3	54
394	VS <sub>2</sub> nanotubes containing organic-amine templates from the NT-VO <sub>x</sub> precursors and reversible copper intercalation in NT-VS <sub>2</sub> . <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 44, 262-5	16.4	54
393	Inorganic rings, intact and cleaved, between two metal fragments. <i>Journal of the American Chemical Society</i> , <b>1989</b> , 111, 2030-2039	16.4	54
392	A Step into the Future: Applications of Nanoparticle Enzyme Mimics. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 9703-9713	4.8	53
391	Fractal-related assembly of the axial filament in the demosponge <i>Suberites domuncula</i> : relevance to biomineralization and the formation of biogenic silica. <i>Biomaterials</i> , <b>2007</b> , 28, 4501-11	15.6	53
390	PAA-PAMPS copolymers as an efficient tool to control CaCO <sub>3</sub> scale formation. <i>Langmuir</i> , <b>2013</b> , 29, 3080-8		52
389	Pathogen-Mimicking MnO Nanoparticles for Selective Activation of the TLR9 Pathway and Imaging of Cancer Cells. <i>Advanced Functional Materials</i> , <b>2009</b> , 19, 3717-3725	15.6	51
388	Synthesis and Tribological Performance of Novel Mo <sub>x</sub> W <sub>1-x</sub> S <sub>2</sub> (0 ≤ x ≤ 1) Inorganic Fullerenes. <i>Tribology Letters</i> , <b>2010</b> , 37, 83-92	2.8	51
387	Bioencapsulation of living bacteria ( <i>Escherichia coli</i> ) with poly(silicate) after transformation with silicatein- $\alpha$ gene. <i>Biomaterials</i> , <b>2008</b> , 29, 771-9	15.6	51
386	Probing cooperative interactions of tailor-made nucleation surfaces and macromolecules: a bioinspired route to hollow micrometer-sized calcium carbonate particles. <i>Langmuir</i> , <b>2006</b> , 22, 3073-80	4	51
385	Blue light mediated C-H arylation of heteroarenes using TiO <sub>2</sub> as an immobilized photocatalyst in a continuous-flow microreactor. <i>Green Chemistry</i> , <b>2017</b> , 19, 1911-1918	10	49
384	[email protected]2O <sub>3</sub> Superparticles with Enhanced Peroxidase Activity by Solution Phase Epitaxial Growth. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 1134-1146	9.6	49
383	Influence of Compensating Defect Formation on the Doping Efficiency and Thermoelectric Properties of Cu <sub>2-y</sub> Se <sub>1-x</sub> Br <sub>x</sub> . <i>Chemistry of Materials</i> , <b>2015</b> , 27, 7018-7027	9.6	49
382	Inorganic Janus particles for biomedical applications. <i>Beilstein Journal of Nanotechnology</i> , <b>2014</b> , 5, 2346-62		48
381	Enzyme-Mediated Deposition of a TiO <sub>2</sub> Coating onto Biofunctionalized WS <sub>2</sub> Chalcogenide Nanotubes. <i>Advanced Functional Materials</i> , <b>2009</b> , 19, 285-291	15.6	48

380	Effect of precursor concentration on size evolution of iron oxide nanoparticles. <i>CrystEngComm</i> , <b>2017</b> , 19, 6694-6702	3.3	47
379	Band convergence in the non-cubic chalcopyrite compounds Cu <sub>2</sub> MGeSe <sub>4</sub> . <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 10189-10194	7.1	47
378	Pulicaria glutinosa extract: a toolbox to synthesize highly reduced graphene oxide-silver nanocomposites. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 1131-42	6.3	46
377	Crystallization of Calcite Spherules around Designer Nuclei. <i>Angewandte Chemie - International Edition</i> , <b>1998</b> , 37, 3044-3047	16.4	46
376	In Situ Heating TEM Study of Onion-like WS <sub>2</sub> and MoS <sub>2</sub> Nanostructures Obtained via MOCVD. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 65-71	9.6	46
375	dsRNA-functionalized multifunctional gamma-Fe <sub>2</sub> O <sub>3</sub> nanocrystals: a tool for targeting cell surface receptors. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 4748-52	16.4	46
374	TiO Nanoparticles Functionalized with Non-innocent Ligands Allow Oxidative Photocyanation of Amines with Visible/Near-Infrared Photons. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 14169-14177	16.4	46
373	Glycine-functionalized copper(ii) hydroxide nanoparticles with high intrinsic superoxide dismutase activity. <i>Nanoscale</i> , <b>2017</b> , 9, 3952-3960	7.7	45
372	Selective Synthesis of Hollow and Filled Fullerene-like (IF) WS <sub>2</sub> Nanoparticles via MetalOrganic Chemical Vapor Deposition. <i>Chemistry of Materials</i> , <b>2007</b> , 19, 6391-6400	9.6	45
371	Thermoelectric properties of Zn-doped Ca <sub>3</sub> AlSb <sub>3</sub> . <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 9826		44
370	Double-stranded RNA polyinosinic-polycytidylic acid immobilized onto gamma-Fe <sub>2</sub> O <sub>3</sub> nanoparticles by using a multifunctional polymeric linker. <i>Small</i> , <b>2007</b> , 3, 1374-8	11	44
369	Analysis of the axial filament in spicules of the demosponge <i>Geodia cydonium</i> : different silicatein composition in microscleres (asters) and megascleres (oxeas and triaenes). <i>European Journal of Cell Biology</i> , <b>2007</b> , 86, 473-87	6.1	44
368	From Layered Molybdcic Acid to Lower-Dimensional Nanostructures by Intercalation of Amines under Ambient Conditions. <i>Chemistry of Materials</i> , <b>2006</b> , 18, 2144-2151	9.6	44
367	Monothiols derived from glycols as agents for stabilizing gold colloids in water: synthesis, self-assembly and use as crystallization templates. <i>Journal of Materials Chemistry</i> , <b>1999</b> , 9, 1121-1125		44
366	Ln <sub>2</sub> Ti <sub>2</sub> S <sub>2</sub> O <sub>5</sub> (Ln = Nd, Pr, Sm): a novel series of defective RuddlesdenPopper phases. <i>Chemical Communications</i> , <b>1999</b> , 979-980	5.8	44
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