

Terence W Turney

List of Publications by Year in descending order

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45
papers

1,834
citations

257357

24
h-index

254106

43
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45
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45
docs citations

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times ranked

2901
citing authors

#	ARTICLE	IF	CITATIONS
1	Porous 45S5 Bioglass®-based scaffolds using stereolithography: Effect of partial pre-sintering on structural and mechanical properties of scaffolds. <i>Materials Science and Engineering C</i> , 2017, 75, 1281-1288.	3.8	64
2	Pendant cyclic carbonate-polymer/Na-smectite nanocomposites via <i>in situ</i> intercalative polymerization and solution intercalation. <i>Journal of Polymer Science Part A</i> , 2016, 54, 2421-2429.	2.5	11
3	ZnO nanoparticles and organic chemical UV-filters are equally well tolerated by human immune cells. <i>Nanotoxicology</i> , 2016, 10, 1287-1296.	1.6	12
4	Cyclic carbonate-sodium smectite intercalates. <i>Applied Clay Science</i> , 2016, 124-125, 94-101.	2.6	16
5	Nucleation of isotactic polypropylene with metal monoglycerolates. <i>Polymer</i> , 2015, 59, 110-116.	1.8	17
6	Contaminant effects on the photo-oxidation of greywater over titania film catalysts. <i>Journal of Water Process Engineering</i> , 2015, 7, 46-53.	2.6	4
7	Zinc monoglycerolate as a catalyst for the conversion of 1,3- and higher diols to diurethanes. <i>RSC Advances</i> , 2015, 5, 47809-47812.	1.7	5
8	Uptake of zinc and phosphorus by plants is affected by zinc fertiliser material and arbuscular mycorrhizas. <i>Plant and Soil</i> , 2014, 376, 165-175.	1.8	74
9	Comparison of UVA-induced ROS and sunscreen nanoparticle-generated ROS in human immune cells. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 781-788.	1.6	21
10	Reducing ZnO nanoparticle cytotoxicity by surface modification. <i>Nanoscale</i> , 2014, 6, 5791-5798.	2.8	95
11	Quantification of ZnO Nanoparticle Uptake, Distribution, and Dissolution within Individual Human Macrophages. <i>ACS Nano</i> , 2013, 7, 10621-10635.	7.3	116
12	Relating Cytotoxicity, Zinc Ions, and Reactive Oxygen in ZnO Nanoparticle-Exposed Human Immune Cells. <i>Toxicological Sciences</i> , 2013, 136, 120-130.	1.4	198
13	Effect of substrate on surface morphology and photocatalysis of large-scale TiO ₂ films. <i>Applied Surface Science</i> , 2013, 265, 162-168.	3.1	69
14	Formation of glycerol carbonate from glycerol and urea catalysed by metal monoglycerolates. <i>Green Chemistry</i> , 2013, 15, 1925.	4.6	78
15	Independent cytotoxic and inflammatory responses to zinc oxide nanoparticles in human monocytes and macrophages. <i>Nanotoxicology</i> , 2012, 6, 757-765.	1.6	46
16	Formation of Zinc-Containing Nanoparticles from Zn ²⁺ Ions in Cell Culture Media: Implications for the Nanotoxicology of ZnO. <i>Chemical Research in Toxicology</i> , 2012, 25, 2057-2066.	1.7	62
17	Fate of Zinc Oxide Nanoparticles during Anaerobic Digestion of Wastewater and Post-Treatment Processing of Sewage Sludge. <i>Environmental Science & Technology</i> , 2012, 46, 9089-9096.	4.6	193
18	Stabiliser distribution and efficiency examined by depth profiling polypropylene using a positron beam. <i>Surface Science</i> , 2007, 601, 5750-5756.	0.8	5

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19	Developing design rules for fabricating microdevices with an integrated micro-sorption pump for vacuum generation: a theoretical study. <i>Journal of Micromechanics and Microengineering</i> , 2005, 15, 2346-2352.	1.5	1
20	Nanostructured ruthenium on γ -Al ₂ O ₃ catalysts for the efficient hydrogenation of aromatic compounds. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 639-646.	0.8	34
21	Supported ruthenium nanoparticles on polyorganophosphazenes: preparation, structural and catalytic studies. <i>Inorganica Chimica Acta</i> , 2003, 352, 61-71.	1.2	37
22	<title>Synthetic opal as a template for nanostructured materials</title>. , 2001, , .		1
23	Complexation of Cu(II) and Ni(II) by nitrilotriacetate intercalated in Zn ²⁺ /Cr layered double hydroxides. <i>Journal of Materials Chemistry</i> , 2000, 10, 1219-1224.	6.7	41
24	Surface area control during the synthesis and reduction of high area ceria catalyst supports. <i>Applied Catalysis A: General</i> , 1996, 134, 351-362.	2.2	86
25	Hydrogenation of CO over a Ru-promoted Cobalt/Cerium Oxide Catalyst. <i>Studies in Surface Science and Catalysis</i> , 1994, 81, 427-432.	1.5	3
26	Synthesis and Structure of Tochilinite: A Layered Metal Hydroxide/Sulfide Composite. <i>Journal of Solid State Chemistry</i> , 1994, 108, 102-111.	1.4	24
27	Shape selective cracking of n-octane and 2,2,4-trimethylpentane over an alumina-pillared clay. <i>Catalysis Letters</i> , 1994, 23, 151-160.	1.4	13
28	Synthesis and Structure of Valleriite, a Layered Metal Hydroxide/Sulfide Composite. <i>Journal of Solid State Chemistry</i> , 1993, 104, 422-436.	1.4	13
29	An XPS study of Ru-promotion for Co/CeO ₂ Fischer-Tropsch catalyst. <i>Applied Surface Science</i> , 1993, 72, 55-65.	3.1	62
30	Ruthenium promotion of fischer-tropsch synthesis over coprecipitated cobalt/ceria catalysts. <i>Applied Catalysis A: General</i> , 1993, 100, 51-67.	2.2	59
31	Hydrocracking and isomerization of n-octane and 2,2,4-trimethylpentane over a platinum/alumina-pillared clay. <i>Applied Catalysis</i> , 1991, 70, 197-212.	1.1	26
32	Cobalt-catalysed reactions of methoxysilanes with CO/HSiEt ₃ : a reaction analogous to methanol homologation. <i>Journal of Molecular Catalysis</i> , 1987, 39, 237-241.	1.2	5
33	Synthesis and reactions of heterobimetallic manganese ^{II} -palladium complexes. Crystal and molecular structure of [MnPdBr(CO) ₃ (μ -Ph ₂ PCH ₂ PPh ₂) ₂]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1984, , 1831-1836.	1.1	10
34	Heterobimetallic methylenebis(diphenylphosphine) complexes. Synthesis, structure and reactions of a mixed palladium-manganese system. <i>Inorganica Chimica Acta</i> , 1983, 77, L69-L71.	1.2	19
35	Reversible Double Deprotonation of Hexamethylbenzene on Ruthenium: Formation of a Fluxional η^3 -Benzyl Compound by Protonation of an η^5 -Quinodimethane Complex of Ruthenium(0). <i>Angewandte Chemie International Edition in English</i> , 1982, 21, 379-379.	4.4	16
36	Reversible Double Deprotonation of Hexamethylbenzene on Ruthenium: Formation of a Fluxionaltrihapto-Benzyl Compound by Protonation of an η^5 -Xylylene Complex of Zerovalent Ruthenium. <i>Angewandte Chemie International Edition in English</i> , 1982, 21, 853-861.	4.4	2

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37	Addition of small molecules to $Mn_2(CO)_5(Ph_2PCH_2PPh_2)_2$ including the isolation of a diazomethane adduct. <i>Inorganica Chimica Acta</i> , 1982, 64, L141-L143.	1.2	14
38	Synthesis, molecular structure, and dynamic behaviour in solution of octakis(t-butyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (isoc	1.1	22
39	Dinuclear arene hydrido-complexes of ruthenium(II): reactions with olefins and catalysis of homogeneous hydrogenation of arenes. <i>Journal of the Chemical Society Chemical Communications</i> , 1979, , 312.	2.0	63
40	Isolation of a co-ordinated ketol intermediate in the hydrolysis of PF_6^- initiated by the labile cations $[Ru(\eta^6\text{-arene})(\text{acetone})_3]^{2+}$; X-ray crystal structure of acetone(4-hydroxy-4-methylpentan-2-one)(η^6 -mesitylene)ruthenium bistetrafluoroborate. <i>Journal of the Chemical Society Chemical Communications</i> , 1979, , 32-33.	2.0	32
41	An arene hydrido-complex of ruthenium(II) as catalyst for the homogeneous hydrogenation of benzene and olefins. <i>Journal of the Chemical Society Chemical Communications</i> , 1978, , 582.	2.0	50
42	Reactions of co-ordinated ligands. Part 15. The cycloaddition of electronegatively substituted unsaturated systems to tricarbonyl(η^1 -N-methoxycarbonyl-1H-azepine)-iron and -ruthenium and tricarbonyl(η^1 -cyclohepta-2,4,6-trien-1-one)iron. <i>Journal of the Chemical Society Dalton Transactions</i> , 1977, , 204-211.	1.1	33
43	Synthesis and reactions of octakis(t-butyl isocyanide)dicobalt and pentakis(t-butyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 Td (isoc [Ru(Ph ₃ P)(ButNC) ₄]. <i>Journal of the Chemical Society Chemical Communications</i> , 1977, , 256.	2.0	29
44	Reaction of bis(cyclo-octa-1,5-diene)iron with trimethyl phosphite, phosphorus trifluoride, t-butyl isocyanide, carbon monoxide, and bis-1,2-(diphenylphosphino)ethane; the synthesis of $[Fe(N_2)(\text{diphos})_2]$. <i>Journal of the Chemical Society Chemical Communications</i> , 1976, , 270b.	2.0	27
45	Reactions of transition-metal vapours with cycloheptatriene and cyclo-octatetraene. <i>Journal of the Chemical Society Dalton Transactions</i> , 1976, , 2021.	1.1	26