Zenon Foltynowicz

List of Publications by Year
in descending order

55	789	567281 15	552781 26
papers	citations	h-index	g-index

57	57	57	685
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microwave pyrolysis as a method of recycling glass fibre from used blades of wind turbines. Journal of Reinforced Plastics and Composites, 2012, 31, 1136-1142.	3.1	93
2	Nanoscale, zero valent iron particles for application as oxygen scavenger in food packaging. Food Packaging and Shelf Life, 2017, 11, 74-83.	7.5	71
3	Ruthenium and rhodium complex catalysts for metathesis of silicon olefins. Journal of Molecular Catalysis, 1988, 46, 329-340.	1.2	39
4	Evaluation of Eco-Efficiency of Two Alternative Agricultural Biogas Plants. Applied Sciences (Switzerland), 2018, 8, 2083.	2.5	39
5	Metathesis of silicon-containing olefins. Journal of Organometallic Chemistry, 1989, 376, 15-20.	1.8	34
6	Cross-metathesis of vinyltriethoxysilane with olefins catalyzed by ruthenium complexes. Journal of Molecular Catalysis, 1991, 65, 113-125.	1.2	34
7	Metathesis of silicon-containing olefins X. Metathesis of vinyltrimethylsilane catalysed by ruthenium complexes. Journal of Organometallic Chemistry, 1994, 474, 83-87.	1.8	34
8	Potential for Producing Biogas from Agricultural Waste in Rural Plants in Poland. Sustainability, 2014, 6, 5065-5074.	3.2	33
9	Comparative lca of industrial objects part 1: lca data quality assurance â€" sensitivity analysis and pedigree matrix. International Journal of Life Cycle Assessment, 2004, 9, 86-89.	4.7	31
10	Metathesis of vinylsubstituted silanes in the presence of ruthenium complexes. Journal of Molecular Catalysis, 1994, 90, 213-224.	1.2	26
11	Effect of substituents on silicon on cross-metathesis of vinylsilanes with 1-alkenes in the presence of ruthenium complexes. Journal of Molecular Catalysis, 1992, 76, 307-317.	1.2	25
12	Aminopropylsilane treatment for the surface of porous glasses suitable for enzyme immobilisation. Journal of Chemical Technology and Biotechnology, 1991, 51, 263-272.	3.2	25
13	Modification of low-density polyethylene film using polymerizable surfactants. Macromolecules, 1985, 18, 1394-1401.	4.8	23
14	Metathetical activity of allylsubstituted silanes in the presence of ruthenium catalyst. Journal of Molecular Catalysis, 1994, 90, 125-133.	1.2	19
15	Metathesis of silicon-containing olefins: IX. Synthesis of 1-(trimethylsilyl)-1-alkenes by olefin metathesis. Applied Organometallic Chemistry, 1993, 7, 539-541.	3.5	18
16	Polylactic acid - biodegradable polymer obtained from vegetable resources. Polimery, 2002, 47, 769-774.	0.7	16
17	Adaptation of ecoinvent database to Polish conditions. International Journal of Life Cycle Assessment, 2008, 13, 319-327.	4.7	14
18	Glass Fibres Recovered by Microwave Pyrolysis as a Reinforcement for Polypropylene. Polymers and Polymer Composites, 2013, 21, 333-340.	1.9	14

#	Article	IF	Citations
19	Products obtained from decomposition of glass fibre-reinforced composites using microwave pyrolysis. Polimery, 2013, 58, 582-586.	0.7	14
20	Synthesis of new vinylsilanes containing an asymmetric silicon via platinum catalyzed hydrosilylation of acetylene and monosubstituted alkynes. Journal of Organometallic Chemistry, 1992, 424, 15-22.	1.8	13
21	Efficiency of Novel Antimicrobial Coating Based on Iron Nanoparticles for Dairy Productsâ€™ Packaging. Coatings, 2020, 10, 156.	2.6	13
22	Catalysis of hydrosilylation XIII. Gas-phase hydrosilylation of acetylene by trichlorosilane on functionalised silica supported rhodium and ruthenium phosphine complexes. Applied Organometallic Chemistry, 1987, 1, 267-273.	3.5	11
23	Studies of oxygen uptake on O2 scavengers Âprepared from different iron-containing Âparent substances. Packaging Technology and Science, 2002, 15, 75-81.	2.8	11
24	Catalysis of hydrosilylation. XV. A poly(phosphino-organosiloxanyl)silicate-supported rhodium(I) catalyst for gas-phase hydrosilylation of acetylene. Applied Organometallic Chemistry, 1987, 1, 459-463.	3.5	9
25	The Circular Economy in the Standardized Management System. Amfiteatru Economic, 2019, 21, 871.	2.1	9
26	Further evidence for polymer-supported membranes and a statement on synthetic scope and surface structure. Macromolecules, 1984, 17, 1293-1294.	4.8	7
27	Aminoorganosiloxane-silicate-supported rhodium complexes as catalysts for hydrosilylation of alkenes and vinylsilanes. Journal of Molecular Catalysis, 1987, 42, 195-203.	1.2	7
28	Catalysis of hydrosilylation, part XXII: Polymer-protected immobilized platinum complex catalysts for gas-phase hydrosilylation of acetylene. Applied Organometallic Chemistry, 1993, 7, 207-212.	3.5	7
29	Comparative LCA of industrial objects. International Journal of Life Cycle Assessment, 2004, 9, 180-186.	4.7	7
30	Degradability of organic-inorganic cellulose acetate butyrate hybrids in sea water. Polish Journal of Chemical Technology, 2011, 13, 29-34.	0.5	7
31	Synthesis of organic-inorganic hybrids based on cellulose acetate butyrate. Polimery, 2009, 54, 845-848.	0.7	7
32	Cellulose acetate butyrate nanocomposites synthesized via sol-gel method. Polimery, 2013, 58, 543-549.	0.7	7
33	Functionalization of 1,2-polybutadiene by ruthenium complex catalysed coupling with vinylsilanes. Polymer, 1997, 38, 5169-5172.	3.8	6
34	Ruthenium-Catalyzed Cross-Metathesis of Trisubstituted Vinylsilanes with Light Alkenes. Applied Organometallic Chemistry, 1997, 11, 667-671.	3.5	6
35	Influence of Silane Modification of Kaolins on Physico-Mechanical and Structural Properties of Filled PVC Composites. Polymers and Polymer Composites, 2003, 11, 397-406.	1.9	6
36	The Effect of Zero-Valent Iron Nanoparticles (nZVI) on Bacteriophages. Viruses, 2022, 14, 867.	3.3	6

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37	Study of the adsorption properties of binary oxide catalysts prepared on a Î³-alumina base. Surface Technology, 1983, 18, 349-358.	0.4	5
38	The effects of activation conditions on the porous structure of NiMo-Al2O3 catalyst. Surface and Coatings Technology, 1988, 35, 29-38.	4.8	5
39	Effect of pretreatment on textural characteristics of an alumina-supported nickel-tungsten catalyst. Materials Chemistry and Physics, 1990, 24, 443-456.	4.0	5
40	Peculiar pore structure of the coke coating formed on platinum-tin/.gamma.-alumina catalysts. Industrial & Engineering Chemistry Research, 1991, 30, 2276-2279.	3.7	5
41	Synthesis and Characterization of Modified Cellulose Acetate Propionate Nanocomposites via Sol-Gel Process. Journal of Spectroscopy, 2013, 2013, 1-8.	1.3	5
42	Oxygen scavengers for packing system based on zeolite adsorbed organic compounds. Studies in Surface Science and Catalysis, 2007, 170, 1597-1604.	1.5	4
43	Aspekty nanomateriaÅ‚Ã³w w zastosowaniach cywilnych i militarnych. CzÄ™Å›Ä‡ 2. Wykorzystanie i obawy wynikajÄ…ce z ich uwalniania do Å›rodowiska przyrodniczego. MateriaÅ‚y Wysokoenergetyczne / High Energy Materials, 2017, 9, 18-39.	0.2	4
44	Oxygen Scavengers Applications In The Dairy Industry. Journal of Dairy Research and Technology, 2020, 3, 1-6.	0.5	3
45	Aspekty nanomateriaÅ‚Ã³w w zastosowaniach cywilnych i militarnych. CzÄ™Å›Ä‡ 1. Pochodzenie, charakterystyka i metody otrzymywania. MateriaÅ‚y Wysokoenergetyczne / High Energy Materials, 2017, 9, 5-17.	0.2	2
46	Title is missing!. Logforum, 2018, 14, 535-547.	1.2	2
47	Polymer packaging materials - friend or foe of the Circular Economy. Polimery, 2020, 65, 3-7.	0.7	2
48	Valuation of Ecosystem Services for Implementing Innovative Clean Technology. Polish Journal of Environmental Studies, 2018, 27, 1513-1521.	1.2	1
49	Efektywne usuwanie zanieczyszczeÅ„ pochodzenia organicznego i nieorganicznego za pomocÄ… kompozytÃ³w na bazie nanoczÄ…stek zero wartoÅ›ciowego Å¼elaza n-Fe(0). MateriaÅ‚y Wysokoenergetyczne / High Energy Materials, 2018, , 108-146.	0.2	1
50	SYNTHESIS OF 1-(METHYL,ALKOXYSILYL)-1-ALKENES BY CROSS-METATHESIS OF 1-ALKENES WITH VINYL(METHYL,ALKOXY)SILANES. Main Group Metal Chemistry, 1994, 17, .	1.6	0
51	Research Activities on LCA and LCM in Poland. , 2022, , 289-303.		0
52	Opakowania funkcjonalne w Å¼ywnoÅ›ci. Engineering Sciences and Technologies, 2018, 1, 32-41.	0.1	0
53	Nowe wymagania dotyczÄ…ce materiaÅ‚Ã³w podkÅ‚adowych pod laminowane pokrycia podÅ‚ogowe. MateriaÅ‚y Budowlane, 2019, 1, 33-36.	0.1	0
54	Aspects of nanomaterials for civil and military applications. Part 2. Their use and concerns arising from their release into the natural environment. MateriaÅ‚y Wysokoenergetyczne / High Energy Materials, 2020, , 17-36.	0.2	0

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55	The effective removal of organic and inorganic contaminants using compositions based on zero-valent iron nanoparticles (n-ZVI). MateriaÅ‚y Wysokoenergetyczne / High Energy Materials, 2020, , 37-74.	0.2	0