Jiri Pinkas

List of Publications by Year in descending order

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88	914	643344	721071
papers	citations	15 h-index	23 g-index

91	91	91	980
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sunlight-induced dehydrogenation rearrangement of the dititanium complex [Ti(Î·5-C5HMe4)(Î¼-Î·1:) Tj ETQq1 1 0.784314 rgBT /Ove	0.8	1
2	Synergistic Effect of Cu,Fâ€Codoping of Titanium Dioxide for Multifunctional Catalytic and Photocatalytic Studies. Advanced Sustainable Systems, 2021, 5, 2000298.	2.7	8
3	Luminescent Cationic Group 4 Metallocene Complexes Stabilized by Pendant N-Donor Groups. Inorganic Chemistry, 2021, 60, 7315-7328.	1.9	12
4	Multifunctional catalysts based on palladium nanoparticles supported on functionalized halloysites: Applications in catalytic C-C coupling, selective oxidation and dehalogenation reactions. Applied Clay Science, 2021, 214, 106272.	2.6	13
5	Harmless glucoseâ€modified ruthenium complexes suppressing cell migration of highly invasive cancer cell lines. Applied Organometallic Chemistry, 2020, 34, e5318.	1.7	6
6	Molecular Hydrogen-Induced Carbon Chain Rearrangement in Cyclopentadienyl-Tethered Titanium(III) Permethyltitanocene Complexes. European Journal of Inorganic Chemistry, 2020, 2020, 128-136.	1.0	2
7	Ferrocenes as new anticancer drug candidates: Determination of the mechanism of action. European Journal of Pharmacology, 2020, 867, 172825.	1.7	27
8	Synthesis, structure and ethylene polymerisation activity of Polyhedron, 2020, 188, 114704.	1.0	2
9	Ruthenium tetrazene complexes bearing glucose moieties on their periphery: Synthesis, characterization, and in vitro cytotoxicity. Applied Organometallic Chemistry, 2020, 34, e5896.	1.7	7
10	Sunlight photolysis of cyclopentadienylâ€“tethered titanium(iv) permethyltitanocene chlorides. Journal of Organometallic Chemistry, 2020, 927, 121536.	0.8	1
11	The Cytotoxic Effect of Newly Synthesized Ferrocenes against Cervical Carcinoma Cells Alone and in Combination with Radiotherapy. Applied Sciences (Switzerland), 2020, 10, 3728.	1.3	4
12	Hydrodehalogenation of organohalides by Et₃SiH catalysed by group 4 metal complexes and B(C₆F₅)₃. Dalton Transactions, 2020, 49, 2771-2775.	1.6	10
13	Enhanced Intracellular Accumulation and Cytotoxicity of Ferroceneâ€Ruthenium Arene Conjugates. ChemPlusChem, 2020, 85, 1034-1043.	1.3	3
14	Electrochemical Study of Highly Substituted Titanocene Dihalides. Electroanalysis, 2019, 31, 2067-2073.	1.5	0
15	Ferrocenes as Potential Anticancer Drugs: Determination of the Mechanism of Action. Proceedings (mdpi), 2019, 22, .	0.2	1
16	Ring Formation and Hydration Effects in Electron Attachment to Misonidazole. International Journal of Molecular Sciences, 2019, 20, 4383.	1.8	11
17	Low-valent ansa-dimethylsilylene-, dimethylmethylene-bis(cyclopentadienyl) titanium compounds and ansa-titaniumâ€“magnesium complexes. Journal of Organometallic Chemistry, 2019, 889, 15-26.	0.8	4
18	Chromoceneâ€“Cyclopentadienyltitanium Trichloride Ion Pairs and Their Rearrangement to Titanocene Chlorideâ€“Cyclopentadienylchromium Dichlorides â€“ Ethylene Polymerization Tests. European Journal of Inorganic Chemistry, 2018, 2018, 2637-2647.	1.0	8

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19	Electron interactions with Bis(pentamethylcyclopentadienyl) titanium(IV) dichloride and difluoride. European Physical Journal D, 2018, 72, 1.	0.6	18
20	Insertion of 1-t-butylpropyne into singly tucked-in permethyltitanocene. Synthesis, crystal structure of product and transition-state geometry. Journal of Molecular Structure, 2018, 1167, 180-186.	1.8	4
21	Hydrogenation of titanocene and zirconocene bis(trimethylsilyl)acetylene complexes. Dalton Transactions, 2018, 47, 8921-8932.	1.6	11
22	B(C₆F₅)₃ catalysis accelerates the hydrosilane chlorination by Ph₃CCl. Applied Organometallic Chemistry, 2018, 32, e4442.	1.7	2
23	Effects of the Linking of Cyclopentadienyl and Ketimide Ligands in Titanium Halfâ€Sandwich Olefin Polymerization Catalysts. ChemCatChem, 2017, 9, 3160-3172.	1.8	9
24	Synthesis, structure, spectral properties and theoretical studies of two half-sandwich titanium-complexes with adamantoxy ligands. Journal of Molecular Structure, 2017, 1142, 248-254.	1.8	0
25	Decamethyltitanocene hydride intermediates in the hydrogenation of the corresponding titanocene-(Î·²-ethene) or (Î·²-alkyne) complexes and the effects of bulkier auxiliary ligands. Dalton Transactions, 2017, 46, 8229-8244.	1.6	11
26	Improving cytotoxic properties of ferrocenes by incorporation of saturated N-heterocycles. Journal of Organometallic Chemistry, 2017, 846, 141-151.	0.8	11
27	Radiomodifying effects of RAPTA C and CDDP on DNA strand break induction. Radiation Physics and Chemistry, 2017, 141, 229-234.	1.4	7
28	Synthesis, molecular and electronic structure of a stacked half-sandwich dititanium complex incorporating a cyclic Ï€-faced bridging ligand. RSC Advances, 2016, 6, 94149-94159.	1.7	2
29	Yttrocene Chloride and Methyl Complexes with Variously Substituted Cyclopentadienyl Ligands: Synthesis, Characterization, and Reactivity toward Ethylene. European Journal of Inorganic Chemistry, 2016, 2016, 3713-3721.	1.0	6
30	Hydrosilane-B(C6F5)3 adducts as activators in zirconocene catalyzed ethylene polymerization. Dalton Transactions, 2016, 45, 10146-10150.	1.6	15
31	Substituent effects in reduction-induced synthesis of ansa-titanocenes. Transition Metal Chemistry, 2016, 41, 143-152.	0.7	2
32	Group 4 Metal Complexes of Chelating Cyclopentadienyl-ketimide Ligands. Organometallics, 2016, 35, 785-798.	1.1	13
33	Displacement of ethene from the decamethyltitanocene-ethene complex with internal alkynes, substituent-dependent alkyne-to-allene rearrangement, and the electronic transition relevant to the back-bonding interaction. Dalton Transactions, 2015, 44, 7276-7291.	1.6	17
34	Evaluation of cytotoxic activity of titanocene difluorides and determination of their mechanism of action in ovarian cancer cells. Investigational New Drugs, 2015, 33, 1123-1132.	1.2	12
35	Electrochemical analysis of a novel ferrocene derivative as a potential antitumor drug. Analyst, The, 2015, 140, 5864-5867.	1.7	12
36	Transformations of functional groups attached to cyclopentadienyl or related ligands in group 4 metal complexes. Coordination Chemistry Reviews, 2015, 296, 45-90.	9.5	27

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37	Highly substituted zirconium and hafnium cyclopentadienyl bifunctional Î²-diketiminate complexes â€“ Synthesis, structure, and catalytic activity towards ethylene polymerization. Journal of Organometallic Chemistry, 2015, 786, 71-80.	0.8	6
38	Intramolecular activation of a pendant nitrile group in Ti and Zr metallocene complexes. Journal of Organometallic Chemistry, 2015, 787, 56-64.	0.8	5
39	Mixed amido-cyclopentadienyl group 4 metal complexes. RSC Advances, 2015, 5, 59154-59166.	1.7	5
40	Homogeneous and heterogeneous cyclopentadienyl-arene titanium catalysts for selective ethylene trimerization to 1-hexene. Journal of Organometallic Chemistry, 2015, 777, 57-66.	0.8	18
41	Study of the anticancer properties of methyl- and phenyl-substituted carbon- and silicon-bridged ansa-titanocene complexes. Journal of Organometallic Chemistry, 2014, 751, 361-367.	0.8	10
42	Steric Effects in Reactions of Decamethyltitanocene Hydride with Internal Alkynes, Conjugated Diynes, and Conjugated Dienes. Organometallics, 2014, 33, 3399-3413.	1.1	12
43	Synthesis, structure, and sunlight photolysis of benzyl- and tert-butyl-substituted octamethyltitanocene dihydrosulfides. Journal of Organometallic Chemistry, 2014, 755, 141-150.	0.8	4
44	Titanocene Dihalides and Ferrocenes Bearing a Pendant Î±-<scp>d</scp>-Xylofuranos-5-yl or Î±-<scp>d</scp>-Ribofuranos-5-yl Moiety. Synthesis, Characterization, and Cytotoxic Activity. Organometallics, 2014, 33, 2059-2070.	1.1	18
45	Reactivity of a Titanocene Pendant Siâ€“H Group toward Alcohols. Unexpected Formation of Siloxanes from the Reaction of Hydrosilanes and Ph₃COH Catalyzed by B(C₆F₅)₃. Organometallics, 2013, 32, 4122-4129.	1.1	21
46	Sunlight Photolysis of Decamethyltitanocene Dihydrosulfide Affords the Titanium Sulfide Cage Clusters (Cp*Ti)6S8and (Cp*Ti)4S6. European Journal of Inorganic Chemistry, 2013, 2013, 3316-3322.	1.0	5
47	Synthetic transformations of a pendant nitrile moiety in group 4 metallocene complexes. Dalton Transactions, 2013, 42, 7101.	1.6	15
48	Synthesis and Structure of Titanium(III) Bis(decamethyltitanocene) Oxide. Organometallics, 2013, 32, 6306-6314.	1.1	14
49	Identification of branched oligosilanes in the phenylsilane dehydrocoupling reaction. Journal of Organometallic Chemistry, 2012, 710, 20-25.	0.8	4
50	Synthesis, structure, and fluxional behaviour of highly-substituted group 4 cyclopentadienyl arylaminate complexes. Journal of Organometallic Chemistry, 2012, 719, 64-73.	0.8	7
51	Ethene Complexes of Bulky Titanocenes, Their Thermolysis, and Their Reactivity toward 2-Butyne. Organometallics, 2012, 31, 5478-5493.	1.1	27
52	Zirconocene silanolate complexes and their heterogeneous siliceous analogues as catalysts for phenylsilane dehydropolymerization. Catalysis Today, 2012, 179, 130-139.	2.2	5
53	Ion pairs from redox reaction of decamethylchromocene with cyclopentadienyltitanium trichlorides. Inorganic Chemistry Communication, 2012, 19, 61-65.	1.8	5
54	Ethene Elimination during Thermolysis of Bis(3-butenyltetramethylcyclopentadienyl)dimethyltitanium. Organometallics, 2011, 30, 2581-2586.	1.1	8

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55	Reactions of Hydrogen Sulfide with Singly and Doubly Tucked-in Titanocenes. Organometallics, 2011, 30, 1034-1045.	1.1	22
56	Intramolecular activation of pendant alkenyl group as a tool for modification of the zirconocene framework. Inorganica Chimica Acta, 2011, 373, 291-294.	1.2	9
57	Group 4 metallocene complexes with pendant nitrile groups. Journal of Organometallic Chemistry, 2011, 696, 2364-2372.	0.8	13
58	Titanocene and ansa-titanocene complexes bearing 2,6-bis(isopropyl)phenoxide ligand(s). Syntheses, characterization and use in catalytic dehydrocoupling polymerization of phenylsilane. Collection of Czechoslovak Chemical Communications, 2011, 76, 75-94.	1.0	3
59	Dehydrocoupling of SiMe2H substituents in permethylated zirconocene complexes. Collection of Czechoslovak Chemical Communications, 2011, 76, 177-191.	1.0	6
60	The Role of Template Structure and Synergism between Inorganic and Organic Structure Directing Agents in the Synthesis of UTL Zeolite. Chemistry of Materials, 2010, 22, 3482-3495.	3.2	78
61	Dinuclear titanium complexes with methylphenylsilylene bridge between cyclopentadienyl rings. Synthesis, characterization and reactivity towards ethylene. Journal of Organometallic Chemistry, 2010, 695, 1425-1433.	0.8	5
62	Synthesis and structure of dinuclear dimethylene- or 1,4-phenylene-linked bis(decamethyltitanoceneoxide) (TiIII) complexes. Journal of Organometallic Chemistry, 2010, 695, 2338-2344.	0.8	11
63	Reduction-Induced Exclusive Activation of the ansa-1,2-Bis(dimethylsilylene)ethane Chain in ansa-Permethyltitanocene Compounds. Organometallics, 2010, 29, 5199-5208.	1.1	10
64	Influence of the Tiâ^'Oâ^'C Angle on the Oxygen-to-Titanium Ï€-Donation in [Cp₂*Ti(III)OR] Complexes. Organometallics, 2010, 29, 3780-3789.	1.1	23
65	Synthesis of zirconocene silsesquioxane complexes and their ethene polymerization activity in systems with methylaluminoxane. Collection of Czechoslovak Chemical Communications, 2010, 75, 105-119.	1.0	4
66	Preparation of titanocene and zirconocene dichlorides bearing bulky 1,4-dimethyl-2,3-diphenylcyclopentadienyl ligand and their behavior in polymerization of ethylene. Journal of Organometallic Chemistry, 2009, 694, 173-178.	0.8	1
67	Thermolysis of titanocene methyl compounds bearing t-butyl- and benzyltetramethylcyclopentadienyl ligands. Journal of Organometallic Chemistry, 2009, 694, 1971-1980.	0.8	12
68	Synthesis and crystal structure of the singly tucked-in derivative of bis(phenyltetramethylcyclopentadienyl)titanium. Inorganic Chemistry Communication, 2009, 12, 11-14.	1.8	8
69	Pentamethylcyclopentadienylmethyltitanium Silsesquioxanes and Their Zwitterionic Complexes with Tris(pentafluorophenyl)borane. Organometallics, 2009, 28, 6944-6956.	1.1	11
70	Intramolecular alkoxide-tethered permethyltitanocene(III) complexes â€“ synthesis and crystal structure. Collection of Czechoslovak Chemical Communications, 2009, 74, 453-468.	1.0	7
71	Reactivity of SiMe₂H Substituents in Permethylated Titanocene Complexes: Dehydrocoupling and Ethene Hydrosilylation. Organometallics, 2008, 27, 2635-2642.	1.1	18
72	Insertion of Internal Alkynes and Ethene into Permethylated Singly Tucked-in Titanocene. Organometallics, 2008, 27, 5532-5547.	1.1	42

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73	Reactions of Doubly Tucked-In Permethyltitanocene with tert-Butanol and Propargyl Alcohol. The Crystal Structures of Unusual Hydrolytic Byproducts. Collection of Czechoslovak Chemical Communications, 2008, 73, 967-982.	1.0	4
74	Synthesis and Structure of Permethylcyclopentadienyltitanium Diisopropoxide Zwitterionic Complex. Collection of Czechoslovak Chemical Communications, 2008, 73, 1161-1176.	1.0	4
75	Preparation and Crystal Structures of Low-Valent Zirconocene Complexes Containing Tetramethyl(phenyl)cyclopentadienyl Ligands. Collection of Czechoslovak Chemical Communications, 2007, 72, 679-696.	1.0	7
76	Effect of the Trimethylsilyl Substituent on the Reactivity of Permethyltitanocene. Organometallics, 2007, 26, 3100-3110.	1.1	27
77	The first thermally stable half-sandwich titanium zwitterionic complex. Journal of Organometallic Chemistry, 2007, 692, 2064-2070.	0.8	10
78	Effects of substituents in cyclopentadienyltitanium trichlorides on electronic absorption and 47,49Ti NMR spectra and styrene polymerization activated by methylalumoxane. Journal of Molecular Catalysis A, 2006, 257, 14-25.	4.8	15
79	Synthesis and structure of isopropyldimethylsilyl-substituted octamethyltitanocene. Journal of Organometallic Chemistry, 2006, 691, 748-758.	0.8	9
80	Synthesis and Crystal Structures of Dinuclear Trichloro(tetramethylcyclopentadienyl)titanium Complexes. Collection of Czechoslovak Chemical Communications, 2006, 71, 164-178.	1.0	7
81	Preparation and Crystal Structure of Bis(tert-butyltetramethylcyclopentadienyl)dichlorotitanium. Collection of Czechoslovak Chemical Communications, 2005, 70, 1589-1603.	1.0	11
82	Non-degenerate 1,2-silyl shift in silyl substituted alkyltrimethylcyclopentadienes. Journal of Organometallic Chemistry, 2005, 690, 731-741.	0.8	4
83	Titanium and zirconium complexes containing the new 2,3-dimethyl-1,4-diphenylcyclopentadienyl ligand. Synthesis, characterization and polymerization behavior. Journal of Organometallic Chemistry, 2004, 689, 1623-1630.	0.8	4
84	Copolymerization of ethene with styrene using CGC catalysts: the effect of the cyclopentadienyl ligand substitution on the catalyst activity and copolymer structure. Journal of Molecular Catalysis A, 2004, 224, 97-103.	4.8	13
85	Synthesis and structure of bis{Î·5-1,2,3,4-tetramethyl-5-(dimethylsilylsulfido-Î²S)cyclopentadienyl}titanium(IV). Inorganic Chemistry Communication, 2004, 7, 1135-1138.	1.8	5
86	Polymerization of Propene with Modified Constrained Geometry Complexes. Double-Bond Isomerization in Pendant Alkenyl Groups Attached to Cyclopentadienyl Ligands. Collection of Czechoslovak Chemical Communications, 2003, 68, 1119-1130.	1.0	8
87	Preparation and solid-state characterization of nickel(II) complexes with 1â€²-(diphenylphosphino)ferrocenecarboxylic acid. New Journal of Chemistry, 2001, 25, 1215-1220.	1.4	15
88	Reactions of permethyltitanocene tucked-in derivatives with carbon dioxide. Dalton Transactions, 0, , .	1.6	0