Dian-Yong Tang

List of Publications by Year
in descending order

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		257450	254184
123	2,367	24	43
papers	citations	h-index	g-index

125	125	125	3467
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A four-component domino reaction for the synthesis of novel bridgehead nitrogen-containing pyrido[1,2-d][1,4]diazepines. New Journal of Chemistry, 2022, 46, 592-598.	2.8	7
2	One-pot synthesis of natural-product inspired spiroindolines with anti-cancer activities. Organic Chemistry Frontiers, 2022, 9, 682-686.	4.5	5
3	Dieckmann Condensation of Ugi N-Acylamino Amide Product: Facile Access to Functionalized 2,2-Disubstituted Indolin-3-ones. Journal of Organic Chemistry, 2022, 87, 823-834.	3.2	8
4	A promising strategy for increasing phosphorescent quantum yield: The ligand 10â€cyclic chelate of the tetradentate Pt(II) complex. Applied Organometallic Chemistry, 2022, 36, .	3.5	1
5	Insights into the NaCl-Induced Formation of Soluble Humins during Fructose Dehydration to 5-Hydroxymethylfurfural. Industrial & Engineering Chemistry Research, 2022, 61, 5786-5796.	3.7	9
6	Novel prodrug supramolecular nanoparticles capable of rapid mitochondrial-targeting and ROS-responsiveness for pancreatic cancer therapy. New Journal of Chemistry, 2022, 46, 12632-12640.	2.8	3
7	Investigate the Relationship between Structure and Triplet Potential Energy Surface to Control the Phosphorescence Quantum Yield of Platinum(II) Complex: A Theoretical Investigation. Inorganic Chemistry, 2022, 61, 9162-9172.	4.0	2
8	Practical synthesis of quinolone drugs via a novel TsCl-mediated domino reaction sequence. Green Chemistry, 2022, 24, 5755-5759.	9.0	4
9	3D surfactant-dispersed graphenes as cathode interfacial materials for organic solar cells. Science China Materials, 2021, 64, 277-287.	6.3	13
10	Single-wall carbon nanotube-containing cathode interfacial materials for high performance organic solar cells. Science China Chemistry, 2021, 64, 565-575.	8.2	5
11	Guanidineâ€“Amide-Catalyzed Aza-Henry Reaction of Isatin-Derived Ketimines: Origin of Selectivity and New Catalyst Design. Molecules, 2021, 26, 1965.	3.8	1
12	Solventâ€Dependent Chemoselective and Stereoselective Approach to Synthesis of Spiroâ€Î³â€Lactams with Potent Anticancer Activity. Advanced Synthesis and Catalysis, 2021, 363, 2996-3000.	4.3	4
13	Visible <scp>Lightâ€Mediated</scp> Construction of Sulfonated Dibenzazepines. Chinese Journal of Chemistry, 2021, 39, 2220-2226.	4.9	19
14	Demethylzeylasteral (T-96) initiates extrinsic apoptosis against prostate cancer cells by inducing ROS-mediated ER stress and suppressing autophagic flux. Biological Research, 2021, 54, 27.	3.4	7
15	DFT insight into Hashmi phenol synthesis catalyzed by Au single-walled nanotubes: mechanism and charge effect. Theoretical Chemistry Accounts, 2021, 140, 1.	1.4	0
16	Tandem isonitrile insertion/azacyclopropylidene-annulated cyclohexenoneâ€“tropone rearrangement of p-QMs and TosMIC: de novo synthesis of pyrrolotropones with anti-cancer activity. Organic Chemistry Frontiers, 2021, 8, 6515-6521.	4.5	6
17	DMAPTâ€'D6 induces deathâ€'receptorâ€'mediated apoptosis to inhibit glioblastoma cell oncogenesis via induction of DNA damage through accumulation of intracellular ROS. Oncology Reports, 2021, 45, 1261-1272.	2.6	3
18	Morphology-Invariant Metallic Nanoparticles with Tunable Plasmonic Properties. ACS Nano, 2021, 15, 2428-2438.	14.6	44

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19	Solvent Effects on Degradative Condensation Side Reactions of Fructose in Its Initial Conversion to 5â€Hydroxymethylfurfural. ChemSusChem, 2020, 13, 501-512.	6.8	46
20	One-pot construction of functionalized aziridines and maleimides via a novel pseudo-Knoevenagel cascade reaction. Chemical Communications, 2020, 56, 2194-2197.	4.1	8
21	A Novel Imidazopyridine Derivative Exhibits Anticancer Activity in Breast Cancer by Inhibiting Wnt/Î²â€catenin Signaling . OncoTargets and Therapy, 2020, Volume 13, 10111-10121.	2.0	8
22	A Decarboxylative C(sp 3)â^'N Bond Forming Reaction to Construct 4â€Imidazolidinones via Postâ€Ugi Cascade Sequence in One Pot. Advanced Synthesis and Catalysis, 2020, 362, 4084-4091.	4.3	10
23	A concise and unexpected one-pot methodology for the synthesis of pyrazinone-fused pyridones. Organic Chemistry Frontiers, 2020, 7, 2657-2663.	4.5	11
24	Microwave-Assisted Copper Catalysis of Î±-Difluorinated gem-Diol toward Difluoroalkyl Radical for Hydrodifluoroalkylation of para-Quinone Methides. Journal of Organic Chemistry, 2020, 85, 12785-12796.	3.2	7
25	Strategy Used to Control the Mechanism of Homogeneous Alkyne/Olefin Hydrogenation: AIMD Simulations and DFT Calculations. Journal of Organic Chemistry, 2020, 85, 11626-11634.	3.2	5
26	Catalyst-Free One-Pot Synthesis of Densely Substituted Pyrazole-Pyrazines as Anti-Colorectal Cancer Agents. Scientific Reports, 2020, 10, 9281.	3.3	12
27	Expeditious access of chromone analogues via a Michael addition-driven multicomponent reaction. Organic Chemistry Frontiers, 2020, 7, 987-992.	4.5	12
28	Strategy used to synthesize high activity and low Pd catalyst for Suzuki coupling reaction: an experimental and theoretical investigation. Physical Chemistry Chemical Physics, 2020, 22, 6222-6230.	2.8	9
29	Phosphine ligand-coated Cu nanoparticle-catalyzed selective semihydrogenation of alkynes: electronic or hindrance effects of the ligand?. Physical Chemistry Chemical Physics, 2020, 22, 16905-16913.	2.8	0
30	Synthesis of indoline-piperidinonesviaa novel Ugi, ring expansion,pseudo-Dieckmann condensation and rearrangement cascade reaction. Organic Chemistry Frontiers, 2020, 7, 737-741.	4.5	12
31	Template Regeneration in Galvanic Replacement: A Route to Highly Diverse Hollow Nanostructures. ACS Nano, 2020, 14, 791-801.	14.6	38
32	Microwave-assisted efficient and facile synthesis of tetramic acid derivatives via a one-pot post-Ugi cascade reaction. Beilstein Journal of Organic Chemistry, 2020, 16, 663-669.	2.2	3
33	An acid-catalyzed 1,4-addition isocyanide-based multicomponent reaction in neat water. Green Chemistry, 2020, 22, 3716-3720.	9.0	23
34	Potential strategy used for controlling the phosphorescent properties in tetradentate Pt(II) complexes: Effect of azole ligand. Applied Organometallic Chemistry, 2019, 33, e5125.	3.5	2
35	The global motion affecting electron transfer in Plasmodium falciparum type II NADH dehydrogenases: a novel non-competitive mechanism for quinoline ketone derivative inhibitors. Physical Chemistry Chemical Physics, 2019, 21, 18105-18118.	2.8	9
36	Diversity-Oriented Synthesis of Imidazo-Dipyridines with Anticancer Activity via the Groebkeâ€“Blackburnâ€“BienaymÃ© and TBAB-Mediated Cascade Reaction in One Pot. Journal of Organic Chemistry, 2019, 84, 12632-12638.	3.2	22

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37	Small substituent groups as geometric controllers for tridentate platinum(<scp>ii</scp>) complexes to effectively suppress non-radiative decay processes. Physical Chemistry Chemical Physics, 2019, 21, 2764-2770.	2.8	14
38	Design of stable platinum(II) complexes exhibited various colors via auxiliary ligand and electron-donating/withdrawing groups: A theoretical investigation. Organic Electronics, 2019, 71, 251-257.	2.6	4
39	Theoretical insight into the photodeactivation pathway of the tetradentate Pt (II) complex with different inductive substituents. Applied Organometallic Chemistry, 2019, 33, e4879.	3.5	7
40	3D-QSAR and molecular recognition of Klebsiella pneumoniae NDM-1 inhibitors. Molecular Simulation, 2019, 45, 694-705.	2.0	13
41	Solution-processable n-doped graphene-containing cathode interfacial materials for high-performance organic solar cells. Energy and Environmental Science, 2019, 12, 3400-3411.	30.8	129
42	Functionalized Spiroindolines with Anticancer Activity through a Metalâ€Free Postâ€Ugi Diastereoselective Oneâ€Pot Cascade Reaction. Chemistry - A European Journal, 2018, 24, 6732-6736.	3.3	7
43	Acid-Promoted One-Pot Synthesis of Substituted Furan and 6-Methylpyrazin-2(1H)-one Derivatives via Allene Intermediate Formed in Situ. ACS Combinatorial Science, 2018, 20, 292-297.	3.8	9
44	A potential strategy used for controlling the phosphorescence quantum yield of cyclometalated (CË†C*) platinum(II) NHC complexes: The theoretical insight. Organic Electronics, 2018, 57, 367-376.	2.6	2
45	Recent advances in the development of polycyclic skeletons via Ugi reaction cascades. Molecular Diversity, 2018, 22, 503-516.	3.9	28
46	Theoretical insight into the photodeactivation pathway of the tetradentate Pt(II) complex: The Ï€â€conjugation effect. Applied Organometallic Chemistry, 2018, 32, e4220.	3.5	7
47	Highly sensitive impedimetric biosensor for Hg2+ detection based on manganese porphyrin-decorated DNA network for precipitation polymerization. Analytica Chimica Acta, 2018, 1023, 22-28.	5.4	22
48	Converting pyrophosphate generated during loop mediated isothermal amplification to ATP: Application to electrochemical detection of Nosema bombycis genomic DNA PTP1. Biosensors and Bioelectronics, 2018, 102, 518-524.	10.1	19
49	Theoretical insights into acetylene adsorption on nanoporous gold surfaces: Role of residual silver. Applied Surface Science, 2018, 434, 735-743.	6.1	0
50	PtPd(111) Surface versus PtAu(111) Surface: Which One Is More Active for Methanol Oxidation?. ACS Catalysis, 2018, 8, 132-143.	11.2	56
51	Synthesis of Pyridodiindoles with Anticancer Activity by a Three-Component Cascade Condensation. Organic Letters, 2018, 20, 7811-7815.	4.6	18
52	Click Chemistry Reaction-Triggered 3D DNA Walking Machine for Sensitive Electrochemical Detection of Copper Ion. Analytical Chemistry, 2018, 90, 11439-11445.	6.5	86
53	Strategy Used for Controlling the Photostability of Tridentate Pt(II) Complexes To Enhance the Device Lifetimes of Blue Phosphorescent Organic Light-Emitting Diodes: The Role of the Pt-C*(NHC) Bond and Auxiliary Ligand. Journal of Physical Chemistry C, 2018, 122, 16872-16878.	3.1	6
54	Influence of restricted rotation of small-sized substituent on phosphorescence efficiency for Pt(II) complexes: A theoretical investigation. Organic Electronics, 2018, 61, 25-34.	2.6	2

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55	Novel quartz crystal microbalance immunodetection of aflatoxin B1 coupling cargo-encapsulated liposome with indicator-triggered displacement assay. Analytica Chimica Acta, 2018, 1031, 161-168.	5.4	34
56	Immobilized-free miniaturized electrochemical sensing system for Pb2+ detection based on dual Pb2+-DNAzyme assistant feedback amplification strategy. Biosensors and Bioelectronics, 2018, 117, 312-318.	10.1	46
57	Efficient Synthesis of Fused Oxazepino-isoquinoline Scaffolds via an Ugi, Followed by an Intramolecular Cyclization. ACS Combinatorial Science, 2017, 19, 324-330.	3.8	11
58	Theoretical insights into Ï‰-alkynylfuran cycloisomerisation catalyzed by Au/CeO₂(111): the role of the CeO₂(111) support. RSC Advances, 2017, 7, 13473-13486.	3.6	3
59	Theoretical insights into the selectivity of 1,6-enyne cycloisomerization on gold clusters: Orbital interaction role. Computational and Theoretical Chemistry, 2017, 1113, 94-100.	2.5	1
60	Sulfonated polyaniline as a solid organocatalyst for dehydration of fructose into 5-hydroxymethylfurfural. Green Chemistry, 2017, 19, 1932-1939.	9.0	64
61	Efficient microwave-assisted synthesis of fused benzoxazepineâ€“isoquinoline derivatives via an Ugi reaction/tautomerization/intramolecular SNAr reaction sequence. Tetrahedron Letters, 2017, 58, 1640-1643.	1.4	8
62	Highly sensitive electrochemical detection of mercuric ions based on sequential nucleic acid amplification and guanine nanowire formation. Analytical Methods, 2017, 9, 5478-5483.	2.7	8
63	Platinum-Decorated Gold Nanoparticles with Dual Functionalities for Ultrasensitive Colorimetric in Vitro Diagnostics. Nano Letters, 2017, 17, 5572-5579.	9.1	235
64	Highly effective target converting strategy for ultrasensitive electrochemical assay of Hg²⁺. Analyst, The, 2017, 142, 4708-4714.	3.5	10
65	An electrochemical impedance biosensor for Hg2+ detection based on DNA hydrogel by coupling with DNAzyme-assisted target recycling and hybridization chain reaction. Biosensors and Bioelectronics, 2017, 98, 466-472.	10.1	103
66	A facile method for building fused quinoxaline-quinolinones via an acidless post-Ugi cascade reaction. Chinese Chemical Letters, 2017, 28, 541-545.	9.0	10
67	Target-induced click conjugation for attomolar electronic monitoring of Cu(<scp>ii</scp>) using horseradish peroxidase as indicator and nanogold particles as enhancer. Analytical Methods, 2017, 9, 117-123.	2.7	9
68	Aminobenzene sulfonic acid-functionalized carbon nanotubes on glassy carbon electrodes for probing traces of mercury(II). Journal of the Serbian Chemical Society, 2017, 82, 73-82.	0.8	3
69	Mechanism and Charge Effect of Cycloisomerization of Ï‰â€Alkynylfuran Catalyzed by Subnanometer Gold Clusters: A Theoretical Study. ChemCatChem, 2016, 8, 461-470.	3.7	4
70	A DFT Insight into Hashmi Phenol Synthesis Catalyzed by M₆@Au₃₂ (M=Ag, Cu,) Tj ETQq0 0 0 rgBT /Overlock	3.7	7
71	A cyclometalated (C^C*) platinum(<scp>ii</scp>) NHC complex decorated via different carboranes to tune the photodeactivation mechanism: a theoretical investigation. RSC Advances, 2016, 6, 113513-113521.	3.6	7
72	First Principles Study of Structural and Electronic Properties of Pentagonal and Hexagonal Noble Metal Nanowires. Nano, 2016, 11, 1650069.	1.0	0

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73	Microwaveâ€Assisted Construction of Pyrrolopyridinone Ring Systems by Using an Ugi/Indole Cyclization Reaction. European Journal of Organic Chemistry, 2016, 2016, 5770-5776.	2.4	14
74	Formylâ€Modified Polyaniline for the Catalytic Dehydration of Fructose to 5â€Hydroxymethylfurfural. ChemSusChem, 2016, 9, 2174-2181.	6.8	26
75	DFT insights into the cycloisomerization of Ï‰-alkynylfuran catalyzed by planar gold clusters: mechanism and selectivity, as compared to Au(<scp>i</scp>)-catalysis. RSC Advances, 2016, 6, 22709-22721.	3.6	5
76	Facile microwave-assisted synthesis of benzimidazole scaffolds via Ugi-type three-component condensation (3CC) reactions. Molecular Diversity, 2016, 20, 575-580.	3.9	12
77	Enzyme-triggered formation of enzyme-tyramine concatamers on nanogold-functionalized dendrimer for impedimetric detection of Hg(II) with sensitivity enhancement. Biosensors and Bioelectronics, 2016, 75, 108-115.	10.1	85
78	Hairpin DNAâ€Dependent Click Conjugation of Oligonucleotides for Electrochemical Monitoring of Copper(II). Electroanalysis, 2015, 27, 2513-2517.	2.9	11
79	Simple and sensitive detection of aflatoxin B1 within five minute using a non-conventional competitive immunosensing mode. Biosensors and Bioelectronics, 2015, 74, 680-686.	10.1	52
80	Target-Induced Nano-Enzyme Reactor Mediated Hole-Trapping for High-Throughput Immunoassay Based on a Split-Type Photoelectrochemical Detection Strategy. Analytical Chemistry, 2015, 87, 9473-9480.	6.5	93
81	Target-Induced Nanocatalyst Deactivation Facilitated by Core@Shell Nanostructures for Signal-Amplified Headspace-Colorimetric Assay of Dissolved Hydrogen Sulfide. Analytical Chemistry, 2015, 87, 10153-10160.	6.5	93
82	Facile One-Pot Synthesis of Benzimidazole and Quinoxalin-2(1H)-one Scaffolds via Two-Component Coupling Reaction, Deprotection, and Intermolecular Cyclization. Synlett, 2014, 25, 2518-2520.	1.8	3
83	Synthesis of fused benzimidazoleâ€“quinoxalinones via UDC strategy and following the intermolecular nucleophilic substitution reaction. Tetrahedron Letters, 2014, 55, 2742-2744.	1.4	20
84	Computational Study on Cycloisomerization/Oxidative Dimerization of Aryl Propargyl Ethers Catalyzed by Gold Nanoclusters: Mechanism and Selectivity. Organometallics, 2014, 33, 6633-6642.	2.3	14
85	Investigation of the Cycloisomerization of 1,6-Enynes Catalyzed by Gold Nanoparticles with First-Principles Calculations: Mechanism and Selectivity. Journal of Physical Chemistry C, 2014, 118, 18510-18520.	3.1	13
86	Gold nanocatalyst-based immunosensing strategy accompanying catalytic reduction of 4-nitrophenol for sensitive monitoring of chloramphenicol residue. Analytica Chimica Acta, 2014, 830, 42-48.	5.4	34
87	Theoretical investigation on CO oxidation catalyzed by a copper nanocluster. RSC Advances, 2013, 3, 15225.	3.6	16
88	Study on the interactions between diketo-acid inhibitors and prototype foamy virus integrase-DNA complex via molecular docking and comparative molecular dynamics simulation methods. Journal of Biomolecular Structure and Dynamics, 2013, 31, 734-747.	3.5	17
89	Substrate Recognition and Motion Mode Analyses of PFV Integrase in Complex with Viral DNA via Coarse-Grained Models. PLoS ONE, 2013, 8, e54929.	2.5	9
90	Elucidating active species and mechanism of the direct oxidation of benzene to phenol with hydrogen peroxide catalyzed by vanadium-based catalysts using DFT calculations. RSC Advances, 2012, 2, 2329.	3.6	8

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91	CO oxidation catalyzed by silver nanoclusters: mechanism and effects of charge. Physical Chemistry Chemical Physics, 2012, 14, 12829.	2.8	44
92	Density Functional Studies of CO Adsorption on M₅₅(Mï¼Cu, Ag, Au) Clusters. Acta Chimica Sinica, 2012, 70, 943.	1.4	3
93	Comprehensive DFT Study of the Mechanism of Vanadium-Catalyzed Amination of Benzene with Hydroxylamine. Organometallics, 2011, 30, 5675-5686.	2.3	7
94	DFT Insight into CO Oxidation Catalyzed by Gold Nanoclusters: Charge Effect and Multi-State Reactivity. Journal of Physical Chemistry Letters, 2011, 2, 2972-2977.	4.6	68
95	1,4-Bis(1H-benzimidazol-1-yl)benzene. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2286-o2286.	0.2	0
96	Study on The Binding Mode and Mobility of HIV-1 Integrase With L708, 906 Inhibitor*. Progress in Biochemistry and Biophysics, 2011, 38, 338-346.	0.3	3
97	Theoretical Study on Mechanism of Hydroformylation of Ethene Catalyzed by a Heterobimetallic Rh(I)â€Cr Complex. Chinese Journal of Chemistry, 2009, 27, 81-87.	4.9	4
98	Electrochemical immune bioassay for the antigenâ€“antibody interaction based on [Fe(CN)6]4-/3- and [AuCl4]- ions-derivated biomimetic interface. Ionics, 2008, 14, 329-334.	2.4	8
99	Direct electrochemistry and electrocatalysis of hemoglobin in a multilayer {nanogold/PDDA}n inorganicâ€“organic hybrid film. Mikrochimica Acta, 2008, 160, 367-374.	5.0	24
100	Electrochemical immunosensor and biochemical analysis for carcinoembryonic antigen in clinical diagnosis. Mikrochimica Acta, 2008, 163, 41-48.	5.0	36
101	Electrochemical immune-biosensor for immunoglobulin G based bioelectrocatalytic reaction on micro-comb electrodes. Bioprocess and Biosystems Engineering, 2008, 31, 385-392.	3.4	6
102	Computational Investigation on Stereochemistry in Titaniumâ”Salicylaldehydes-Catalyzed Cyanation of Benzaldehyde. Journal of Organic Chemistry, 2008, 73, 4840-4847.	3.2	10
103	A DFT STUDY ON THE REACTION MECHANISM OF SrO + CH4. Journal of Theoretical and Computational Chemistry, 2008, 07, 189-203.	1.8	5
104	Comprehensive Theoretical Study on the Mechanism of Regioselective Hydroformylation of Phosphinobutene Catalyzed by a Heterobinuclear Rhodium(I)â”Chromium Complex. Organometallics, 2007, 26, 33-47.	2.3	14
105	A theoretical study on the mechanism of the oxidation of hydroxylamine by. Computational and Theoretical Chemistry, 2007, 805, 143-152.	1.5	5
106	Antigenâ€“antibody interaction from quartz crystal microbalance immunosensors based on magnetic CoFe2O4/SiO2 composite nanoparticle-functionalized biomimetic interface. Bioprocess and Biosystems Engineering, 2007, 30, 243-249.	3.4	37
107	Revealing the mechanism of Rh(I)-catalyzed hydroformylation of 4-pyridylethene derivatives: DFT study. International Journal of Quantum Chemistry, 2006, 106, 1844-1852.	2.0	12
108	A theoretical study on chemo- and regioselective Rh-catalyzed hydroformylation and hydrogenation of propyne. Computational and Theoretical Chemistry, 2006, 763, 75-81.	1.5	2

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109	The carbonyl insertion reaction of ethylCo(CO)n(PH3)4â^'n and vinylCo(CO)n(PH3)4â^'n: A detailed DFT study. Computational and Theoretical Chemistry, 2006, 765, 21-26.	1.5	3
110	Theoretical study on the reaction of methane and zinc oxide in gas phase. Computational and Theoretical Chemistry, 2006, 778, 41-48.	1.5	19
111	Amplification of the antigenâ€"antibody interaction from quartz crystal microbalance immunosensors via back-filling immobilization of nanogold on biorecognition surface. Journal of Immunological Methods, 2006, 316, 144-152.	1.4	62
112	One-Step Electrochemical Immunoassay for Carcinoembryonic Antigen in Human via Back-Filling Immobilization of Gold Nanoparticles on DNA-Modified Gold Electrodes. Electroanalysis, 2006, 18, 2194-2201.	2.9	12
113	Computational experiment on hydroformylation and hydrogenation of propenal catalyzed by Rh complex: a competitive study. Computational and Theoretical Chemistry, 2005, 714, 61-72.	1.5	5
114	Computational experiment on hydroformylation and hydrogenation of ethyne catalyzed by Rh complex: a competitive study. Computational and Theoretical Chemistry, 2005, 714, 179-188.	1.5	4
115	The mechanism of enantioselective palladium(0)-catalyzed allylic alkylation with chiral oxazolinylpyridines: a DFT study. Computational and Theoretical Chemistry, 2005, 716, 79-87.	1.5	8
116	A comparative theoretical study on CO insertion into Rhâ€"C bond. Computational and Theoretical Chemistry, 2005, 730, 177-183.	1.5	4
117	Quantum investigation on the mechanism of isomerization of 1-butylene catalyzed by Rh-complex. Computational and Theoretical Chemistry, 2005, 731, 139-147.	1.5	7
118	Construction of a novel immunoassay for the relationship between anxiety and the development of a primary immune response to adrenal cortical hormone. Bioprocess and Biosystems Engineering, 2005, 27, 135-141.	3.4	9
119	Mechanism of asymmetric hydrogenation of enamides with [Rh(BisP*)]+ catalyst: Model DFT study. International Journal of Quantum Chemistry, 2005, 102, 53-63.	2.0	17
120	Computational investigation of enantio- and regioselectivity of rhodium-catalyzed asymmetric hydroformylation of vinyl formate with CHIRAPHOS-type ligand. International Journal of Quantum Chemistry, 2005, 105, 108-123.	2.0	11
121	Quantum chemical study on reaction of O(3P) with ClONO2. Computational and Theoretical Chemistry, 2004, 671, 45-51.	1.5	0
122	Density functional studies on copper-catalyzed asymmetric cyclopropanation of diazoacetate with alkene. Computational and Theoretical Chemistry, 2004, 711, 193-199.	1.5	21
123	Reaction of O(3P) with ClONO2: a MP2 computation. Computational and Theoretical Chemistry, 2003, 663, 25-33.	1.5	0