

Dian-Yong Tang

List of Publications by Year in descending order

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123
papers

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times ranked

3467
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#	ARTICLE	IF	CITATIONS
1	Platinum-Decorated Gold Nanoparticles with Dual Functionalities for Ultrasensitive Colorimetric in Vitro Diagnostics. <i>Nano Letters</i> , 2017, 17, 5572-5579.	9.1	235
2	Solution-processable n-doped graphene-containing cathode interfacial materials for high-performance organic solar cells. <i>Energy and Environmental Science</i> , 2019, 12, 3400-3411.	30.8	129
3	An electrochemical impedance biosensor for Hg ²⁺ detection based on DNA hydrogel by coupling with DNAzyme-assisted target recycling and hybridization chain reaction. <i>Biosensors and Bioelectronics</i> , 2017, 98, 466-472.	10.1	103
4	Target-Induced Nano-Enzyme Reactor Mediated Hole-Trapping for High-Throughput Immunoassay Based on a Split-Type Photoelectrochemical Detection Strategy. <i>Analytical Chemistry</i> , 2015, 87, 9473-9480.	6.5	93
5	Target-Induced Nanocatalyst Deactivation Facilitated by Core@Shell Nanostructures for Signal-Amplified Headspace-Colorimetric Assay of Dissolved Hydrogen Sulfide. <i>Analytical Chemistry</i> , 2015, 87, 10153-10160.	6.5	93
6	Click Chemistry Reaction-Triggered 3D DNA Walking Machine for Sensitive Electrochemical Detection of Copper Ion. <i>Analytical Chemistry</i> , 2018, 90, 11439-11445.	6.5	86
7	Enzyme-triggered formation of enzyme-tyramine concatamers on nanogold-functionalized dendrimer for impedimetric detection of Hg(II) with sensitivity enhancement. <i>Biosensors and Bioelectronics</i> , 2016, 75, 108-115.	10.1	85
8	DFT Insight into CO Oxidation Catalyzed by Gold Nanoclusters: Charge Effect and Multi-State Reactivity. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 2972-2977.	4.6	68
9	Sulfonated polyaniline as a solid organocatalyst for dehydration of fructose into 5-hydroxymethylfurfural. <i>Green Chemistry</i> , 2017, 19, 1932-1939.	9.0	64
10	Amplification of the antigen-antibody interaction from quartz crystal microbalance immunosensors via back-filling immobilization of nanogold on biorecognition surface. <i>Journal of Immunological Methods</i> , 2006, 316, 144-152.	1.4	62
11	PtPd(111) Surface versus PtAu(111) Surface: Which One Is More Active for Methanol Oxidation?. <i>ACS Catalysis</i> , 2018, 8, 132-143.	11.2	56
12	Simple and sensitive detection of aflatoxin B1 within five minute using a non-conventional competitive immunosensing mode. <i>Biosensors and Bioelectronics</i> , 2015, 74, 680-686.	10.1	52
13	Immobilized-free miniaturized electrochemical sensing system for Pb ²⁺ detection based on dual Pb ²⁺ -DNAzyme assistant feedback amplification strategy. <i>Biosensors and Bioelectronics</i> , 2018, 117, 312-318.	10.1	46
14	Solvent Effects on Degradative Condensation Side Reactions of Fructose in Its Initial Conversion to 5-Hydroxymethylfurfural. <i>ChemSusChem</i> , 2020, 13, 501-512.	6.8	46
15	CO oxidation catalyzed by silver nanoclusters: mechanism and effects of charge. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 12829.	2.8	44
16	Morphology-Invariant Metallic Nanoparticles with Tunable Plasmonic Properties. <i>ACS Nano</i> , 2021, 15, 2428-2438.	14.6	44
17	Template Regeneration in Galvanic Replacement: A Route to Highly Diverse Hollow Nanostructures. <i>ACS Nano</i> , 2020, 14, 791-801.	14.6	38
18	Antigen-antibody interaction from quartz crystal microbalance immunosensors based on magnetic CoFe ₂ O ₄ /SiO ₂ composite nanoparticle-functionalized biomimetic interface. <i>Bioprocess and Biosystems Engineering</i> , 2007, 30, 243-249.	3.4	37

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19	Electrochemical immunosensor and biochemical analysis for carcinoembryonic antigen in clinical diagnosis. <i>Mikrochimica Acta</i> , 2008, 163, 41-48.	5.0	36
20	Gold nanocatalyst-based immunosensing strategy accompanying catalytic reduction of 4-nitrophenol for sensitive monitoring of chloramphenicol residue. <i>Analytica Chimica Acta</i> , 2014, 830, 42-48.	5.4	34
21	Novel quartz crystal microbalance immunodetection of aflatoxin B1 coupling cargo-encapsulated liposome with indicator-triggered displacement assay. <i>Analytica Chimica Acta</i> , 2018, 1031, 161-168.	5.4	34
22	Recent advances in the development of polycyclic skeletons via Ugi reaction cascades. <i>Molecular Diversity</i> , 2018, 22, 503-516.	3.9	28
23	Formyl-Modified Polyaniline for the Catalytic Dehydration of Fructose to 5-Hydroxymethylfurfural. <i>ChemSusChem</i> , 2016, 9, 2174-2181.	6.8	26
24	Direct electrochemistry and electrocatalysis of hemoglobin in a multilayer {nanogold/PDDA} _n inorganic-organic hybrid film. <i>Mikrochimica Acta</i> , 2008, 160, 367-374.	5.0	24
25	An acid-catalyzed 1,4-addition isocyanide-based multicomponent reaction in neat water. <i>Green Chemistry</i> , 2020, 22, 3716-3720.	9.0	23
26	Highly sensitive impedimetric biosensor for Hg ²⁺ detection based on manganese porphyrin-decorated DNA network for precipitation polymerization. <i>Analytica Chimica Acta</i> , 2018, 1023, 22-28.	5.4	22
27	Diversity-Oriented Synthesis of Imidazo-Dipyridines with Anticancer Activity via the Groebke-Blackburn-Bienaym and TBAB-Mediated Cascade Reaction in One Pot. <i>Journal of Organic Chemistry</i> , 2019, 84, 12632-12638.	3.2	22
28	Density functional studies on copper-catalyzed asymmetric cyclopropanation of diazoacetate with alkene. <i>Computational and Theoretical Chemistry</i> , 2004, 711, 193-199.	1.5	21
29	Synthesis of fused benzimidazole-quinoxalinones via UDC strategy and following the intermolecular nucleophilic substitution reaction. <i>Tetrahedron Letters</i> , 2014, 55, 2742-2744.	1.4	20
30	Theoretical study on the reaction of methane and zinc oxide in gas phase. <i>Computational and Theoretical Chemistry</i> , 2006, 778, 41-48.	1.5	19
31	Converting pyrophosphate generated during loop mediated isothermal amplification to ATP: Application to electrochemical detection of <i>Nosema bombycis</i> genomic DNA PTP1. <i>Biosensors and Bioelectronics</i> , 2018, 102, 518-524.	10.1	19
32	Visible Light-Mediated Construction of Sulfonated Dibenzazepines. <i>Chinese Journal of Chemistry</i> , 2021, 39, 2220-2226.	4.9	19
33	Synthesis of Pyridodiindoles with Anticancer Activity by a Three-Component Cascade Condensation. <i>Organic Letters</i> , 2018, 20, 7811-7815.	4.6	18
34	Mechanism of asymmetric hydrogenation of enamides with [Rh(BisP*)] ₂ catalyst: Model DFT study. <i>International Journal of Quantum Chemistry</i> , 2005, 102, 53-63.	2.0	17
35	Study on the interactions between diketo-acid inhibitors and prototype foamy virus integrase-DNA complex via molecular docking and comparative molecular dynamics simulation methods. <i>Journal of Biomolecular Structure and Dynamics</i> , 2013, 31, 734-747.	3.5	17
36	Theoretical investigation on CO oxidation catalyzed by a copper nanocluster. <i>RSC Advances</i> , 2013, 3, 15225.	3.6	16

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37	Comprehensive Theoretical Study on the Mechanism of Regioselective Hydroformylation of Phosphinobutene Catalyzed by a Heterobinuclear Rhodium(I)-Chromium Complex. <i>Organometallics</i> , 2007, 26, 33-47.	2.3	14
38	Computational Study on Cycloisomerization/Oxidative Dimerization of Aryl Propargyl Ethers Catalyzed by Gold Nanoclusters: Mechanism and Selectivity. <i>Organometallics</i> , 2014, 33, 6633-6642.	2.3	14
39	Microwave-Assisted Construction of Pyrrolopyridinone Ring Systems by Using an Ugi/Indole Cyclization Reaction. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 5770-5776.	2.4	14
40	Small substituent groups as geometric controllers for tridentate platinum($\text{Pt}(\text{II})$) complexes to effectively suppress non-radiative decay processes. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 2764-2770.	2.8	14
41	Investigation of the Cycloisomerization of 1,6-Enynes Catalyzed by Gold Nanoparticles with First-Principles Calculations: Mechanism and Selectivity. <i>Journal of Physical Chemistry C</i> , 2014, 118, 18510-18520.	3.1	13
42	3D-QSAR and molecular recognition of <i>Klebsiella pneumoniae</i> NDM-1 inhibitors. <i>Molecular Simulation</i> , 2019, 45, 694-705.	2.0	13
43	3D surfactant-dispersed graphenes as cathode interfacial materials for organic solar cells. <i>Science China Materials</i> , 2021, 64, 277-287.	6.3	13
44	Revealing the mechanism of Rh(I)-catalyzed hydroformylation of 4-pyridylethene derivatives: DFT study. <i>International Journal of Quantum Chemistry</i> , 2006, 106, 1844-1852.	2.0	12
45	One-Step Electrochemical Immunoassay for Carcinoembryonic Antigen in Human via Back-Filling Immobilization of Gold Nanoparticles on DNA-Modified Gold Electrodes. <i>Electroanalysis</i> , 2006, 18, 2194-2201.	2.9	12
46	Facile microwave-assisted synthesis of benzimidazole scaffolds via Ugi-type three-component condensation (3CC) reactions. <i>Molecular Diversity</i> , 2016, 20, 575-580.	3.9	12
47	Catalyst-Free One-Pot Synthesis of Densely Substituted Pyrazole-Pyrazines as Anti-Colorectal Cancer Agents. <i>Scientific Reports</i> , 2020, 10, 9281.	3.3	12
48	Expedient access of chromone analogues via a Michael addition-driven multicomponent reaction. <i>Organic Chemistry Frontiers</i> , 2020, 7, 987-992.	4.5	12
49	Synthesis of indoline-piperidinones via a novel Ugi, ring expansion, pseudo-Dieckmann condensation and rearrangement cascade reaction. <i>Organic Chemistry Frontiers</i> , 2020, 7, 737-741.	4.5	12
50	Computational investigation of enantio- and regioselectivity of rhodium-catalyzed asymmetric hydroformylation of vinyl formate with CHIRAPHOS-type ligand. <i>International Journal of Quantum Chemistry</i> , 2005, 105, 108-123.	2.0	11
51	Hairpin DNA-Dependent Click Conjugation of Oligonucleotides for Electrochemical Monitoring of Copper(II). <i>Electroanalysis</i> , 2015, 27, 2513-2517.	2.9	11
52	Efficient Synthesis of Fused Oxazepino-isoquinoline Scaffolds via an Ugi, Followed by an Intramolecular Cyclization. <i>ACS Combinatorial Science</i> , 2017, 19, 324-330.	3.8	11
53	A concise and unexpected one-pot methodology for the synthesis of pyrazinone-fused pyridones. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2657-2663.	4.5	11
54	Computational Investigation on Stereochemistry in Titanium-Salicylaldehydes-Catalyzed Cyanation of Benzaldehyde. <i>Journal of Organic Chemistry</i> , 2008, 73, 4840-4847.	3.2	10

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55	Highly effective target converting strategy for ultrasensitive electrochemical assay of Hg ²⁺ . <i>Analyst</i> , 2017, 142, 4708-4714.	3.5	10
56	A facile method for building fused quinoxaline-quinolinones via an acidless post-Ugi cascade reaction. <i>Chinese Chemical Letters</i> , 2017, 28, 541-545.	9.0	10
57	A Decarboxylative C(sp ³)–N Bond Forming Reaction to Construct α -Imidazolidinones via Post-Ugi Cascade Sequence in One Pot. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 4084-4091.	4.3	10
58	Construction of a novel immunoassay for the relationship between anxiety and the development of a primary immune response to adrenal cortical hormone. <i>Bioprocess and Biosystems Engineering</i> , 2005, 27, 135-141.	3.4	9
59	Substrate Recognition and Motion Mode Analyses of PFV Integrase in Complex with Viral DNA via Coarse-Grained Models. <i>PLoS ONE</i> , 2013, 8, e54929.	2.5	9
60	Target-induced click conjugation for attomolar electronic monitoring of Cu(II) using horseradish peroxidase as indicator and nanogold particles as enhancer. <i>Analytical Methods</i> , 2017, 9, 117-123.	2.7	9
61	Acid-Promoted One-Pot Synthesis of Substituted Furan and 6-Methylpyrazin-2(1 <i>H</i>)-one Derivatives via Allene Intermediate Formed in Situ. <i>ACS Combinatorial Science</i> , 2018, 20, 292-297.	3.8	9
62	The global motion affecting electron transfer in <i>Plasmodium falciparum</i> type II NADH dehydrogenases: a novel non-competitive mechanism for quinoline ketone derivative inhibitors. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 18105-18118.	2.8	9
63	Strategy used to synthesize high activity and low Pd catalyst for Suzuki coupling reaction: an experimental and theoretical investigation. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 6222-6230.	2.8	9
64	Insights into the NaCl-Induced Formation of Soluble Humins during Fructose Dehydration to 5-Hydroxymethylfurfural. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 5786-5796.	3.7	9
65	The mechanism of enantioselective palladium(0)-catalyzed allylic alkylation with chiral oxazolinylopyridines: a DFT study. <i>Computational and Theoretical Chemistry</i> , 2005, 716, 79-87.	1.5	8
66	Electrochemical immune bioassay for the antigen–antibody interaction based on [Fe(CN) ₆] ⁴⁻ and [AuCl ₄] ⁻ ions-derivated biomimetic interface. <i>Ionics</i> , 2008, 14, 329-334.	2.4	8
67	Elucidating active species and mechanism of the direct oxidation of benzene to phenol with hydrogen peroxide catalyzed by vanadium-based catalysts using DFT calculations. <i>RSC Advances</i> , 2012, 2, 2329.	3.6	8
68	Efficient microwave-assisted synthesis of fused benzoxazepine–isoquinoline derivatives via an Ugi reaction/tautomerization/intramolecular SNAr reaction sequence. <i>Tetrahedron Letters</i> , 2017, 58, 1640-1643.	1.4	8
69	Highly sensitive electrochemical detection of mercuric ions based on sequential nucleic acid amplification and guanine nanowire formation. <i>Analytical Methods</i> , 2017, 9, 5478-5483.	2.7	8
70	One-pot construction of functionalized aziridines and maleimides <i>via</i> a novel pseudo-Knoevenagel cascade reaction. <i>Chemical Communications</i> , 2020, 56, 2194-2197.	4.1	8
71	&p>A Novel Imidazopyridine Derivative Exhibits Anticancer Activity in Breast Cancer by Inhibiting Wnt/ β -catenin Signaling&p>. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 10111-10121.	2.0	8
72	Dieckmann Condensation of Ugi <i>N</i> -Acylamino Amide Product: Facile Access to Functionalized 2,2-Disubstituted Indolin-3-ones. <i>Journal of Organic Chemistry</i> , 2022, 87, 823-834.	3.2	8

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73	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
74	Comprehensive DFT Study of the Mechanism of Vanadium-Catalyzed Amination of Benzene with Hydroxylamine. Organometallics, 2011, 30, 5675-5686.	2.3	7
75	A DFT Insight into Hashmi Phenol Synthesis Catalyzed by $M@Au_{32}$ (M=Ag, Cu.) <i>J. Theor. Comput. Chem.</i> 2011, 11, 1073-1081.	3.7	7
76	A cyclometalated (C^*C^*) platinum(η^3) NHC complex decorated via different carboranes to tune the photodeactivation mechanism: a theoretical investigation. RSC Advances, 2016, 6, 113513-113521.	3.6	7
77	Functionalized Spiroindolines with Anticancer Activity through a Metal-Free Post-Ugi Diastereoselective One-Pot Cascade Reaction. Chemistry - A European Journal, 2018, 24, 6732-6736.	3.3	7
78	Theoretical insight into the photodeactivation pathway of the tetradentate Pt(II) complex: The π -conjugation effect. Applied Organometallic Chemistry, 2018, 32, e4220.	3.5	7
79	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
80	Microwave-Assisted Copper Catalysis of β -Difluorinated <i>gem</i> -Diol toward Difluoroalkyl Radical for Hydrodifluoroalkylation of <i>para</i> -Quinone Methides. Journal of Organic Chemistry, 2020, 85, 12785-12796.	3.2	7
81	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
82	A four-component domino reaction for the synthesis of novel bridgehead nitrogen-containing pyrido[1,2- <i>d</i>][1,4]diazepines. New Journal of Chemistry, 2022, 46, 592-598.	2.8	7
83	Electrochemical immune-biosensor for immunoglobulin G based bioelectrocatalytic reaction on micro-comb electrodes. Bioprocess and Biosystems Engineering, 2008, 31, 385-392.	3.4	6
84	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
85	Tandem isonitrile insertion/azacyclopropylidene-annulated cyclohexenone \rightarrow tropone rearrangement of <i>p</i> -QMs and TosMIC: <i>de novo</i> synthesis of pyrrolotropones with anti-cancer activity. Organic Chemistry Frontiers, 2021, 8, 6515-6521.	4.5	6
86	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
87	A theoretical study on the mechanism of the oxidation of hydroxylamine by. Computational and Theoretical Chemistry, 2007, 805, 143-152.	1.5	5
88	A DFT STUDY ON THE REACTION MECHANISM OF SrO + CH ₄ . Journal of Theoretical and Computational Chemistry, 2008, 07, 189-203.	1.8	5
89	DFT insights into the cycloisomerization of β -alkynylfuran catalyzed by planar gold clusters: mechanism and selectivity, as compared to Au(η^3)-catalysis. RSC Advances, 2016, 6, 22709-22721.	3.6	5
90	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

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91	Single-wall carbon nanotube-containing cathode interfacial materials for high performance organic solar cells. <i>Science China Chemistry</i> , 2021, 64, 565-575.	8.2	5
92	One-pot synthesis of natural-product inspired spiroindolines with anti-cancer activities. <i>Organic Chemistry Frontiers</i> , 2022, 9, 682-686.	4.5	5
93	Computational experiment on hydroformylation and hydrogenation of ethyne catalyzed by Rh complex: a competitive study. <i>Computational and Theoretical Chemistry</i> , 2005, 714, 179-188.	1.5	4
94	A comparative theoretical study on CO insertion into Rh-C bond. <i>Computational and Theoretical Chemistry</i> , 2005, 730, 177-183.	1.5	4
95	Theoretical Study on Mechanism of Hydroformylation of Ethene Catalyzed by a Heterobimetallic Rh(I)-Cr Complex. <i>Chinese Journal of Chemistry</i> , 2009, 27, 81-87.	4.9	4
96	Mechanism and Charge Effect of Cycloisomerization of Alkynylfuran Catalyzed by Subnanometer Gold Clusters: A Theoretical Study. <i>ChemCatChem</i> , 2016, 8, 461-470.	3.7	4
97	Design of stable platinum(II) complexes exhibited various colors via auxiliary ligand and electron-donating/withdrawing groups: A theoretical investigation. <i>Organic Electronics</i> , 2019, 71, 251-257.	2.6	4
98	Solvent-Dependent Chemoselective and Stereoselective Approach to Synthesis of Spiro-Lactams with Potent Anticancer Activity. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 2996-3000.	4.3	4
99	Practical synthesis of quinolone drugs via a novel TsCl-mediated domino reaction sequence. <i>Green Chemistry</i> , 2022, 24, 5755-5759.	9.0	4
100	The carbonyl insertion reaction of ethylCo(CO) _n (PH ₃) ₄ and vinylCo(CO) _n (PH ₃) ₄ : A detailed DFT study. <i>Computational and Theoretical Chemistry</i> , 2006, 765, 21-26.	1.5	3
101	Facile One-Pot Synthesis of Benzimidazole and Quinoxalin-2(1H)-one Scaffolds via Two-Component Coupling Reaction, Deprotection, and Intermolecular Cyclization. <i>Synlett</i> , 2014, 25, 2518-2520.	1.8	3
102	Theoretical insights into alkynylfuran cycloisomerisation catalyzed by Au/CeO ₂ (111): the role of the CeO ₂ (111) support. <i>RSC Advances</i> , 2017, 7, 13473-13486.	3.6	3
103	Microwave-assisted efficient and facile synthesis of tetramic acid derivatives via a one-pot post-Ugi cascade reaction. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 663-669.	2.2	3
104	DMAPT ₆ induces death-receptor-mediated apoptosis to inhibit glioblastoma cell oncogenesis via induction of DNA damage through accumulation of intracellular ROS. <i>Oncology Reports</i> , 2021, 45, 1261-1272.	2.6	3
105	Aminobenzene sulfonic acid-functionalized carbon nanotubes on glassy carbon electrodes for probing traces of mercury(II). <i>Journal of the Serbian Chemical Society</i> , 2017, 82, 73-82.	0.8	3
106	Study on The Binding Mode and Mobility of HIV-1 Integrase With L708, 906 Inhibitor*. <i>Progress in Biochemistry and Biophysics</i> , 2011, 38, 338-346.	0.3	3
107	Density Functional Studies of CO Adsorption on M ₅₅ (M ^{1/4} Cu, Ag, Au) Clusters. <i>Acta Chimica Sinica</i> , 2012, 70, 943.	1.4	3
108	Novel prodrug supramolecular nanoparticles capable of rapid mitochondrial-targeting and ROS-responsiveness for pancreatic cancer therapy. <i>New Journal of Chemistry</i> , 2022, 46, 12632-12640.	2.8	3

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109	A theoretical study on chemo- and regioselective Rh-catalyzed hydroformylation and hydrogenation of propyne. <i>Computational and Theoretical Chemistry</i> , 2006, 763, 75-81.	1.5	2
110	A potential strategy used for controlling the phosphorescence quantum yield of cyclometalated (C [†] C*) platinum(II) NHC complexes: The theoretical insight. <i>Organic Electronics</i> , 2018, 57, 367-376.	2.6	2
111	Influence of restricted rotation of small-sized substituent on phosphorescence efficiency for Pt(II) complexes: A theoretical investigation. <i>Organic Electronics</i> , 2018, 61, 25-34.	2.6	2
112	Potential strategy used for controlling the phosphorescent properties in tetradentate Pt(II) complexes: Effect ofazole ligand. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5125.	3.5	2
113	Investigate the Relationship between Structure and Triplet Potential Energy Surface to Control the Phosphorescence Quantum Yield of Platinum(II) Complex: A Theoretical Investigation. <i>Inorganic Chemistry</i> , 2022, 61, 9162-9172.	4.0	2
114	Theoretical insights into the selectivity of 1,6-enyne cycloisomerization on gold clusters: Orbital interaction role. <i>Computational and Theoretical Chemistry</i> , 2017, 1113, 94-100.	2.5	1
115	Guanidine- [†] Amide-Catalyzed Aza-Henry Reaction of Isatin-Derived Ketimines: Origin of Selectivity and New Catalyst Design. <i>Molecules</i> , 2021, 26, 1965.	3.8	1
116	A promising strategy for increasing phosphorescent quantum yield: The ligand 10- [†] cyclic chelate of the tetradentate Pt(II) complex. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	3.5	1
117	Reaction of O(3P) with ClONO ₂ : a MP2 computation. <i>Computational and Theoretical Chemistry</i> , 2003, 663, 25-33.	1.5	0
118	Quantum chemical study on reaction of O(3P) with ClONO ₂ . <i>Computational and Theoretical Chemistry</i> , 2004, 671, 45-51.	1.5	0
119	1,4-Bis(1H-benzimidazol-1-yl)benzene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o2286-o2286.	0.2	0
120	First Principles Study of Structural and Electronic Properties of Pentagonal and Hexagonal Noble Metal Nanowires. <i>Nano</i> , 2016, 11, 1650069.	1.0	0
121	Theoretical insights into acetylene adsorption on nanoporous gold surfaces: Role of residual silver. <i>Applied Surface Science</i> , 2018, 434, 735-743.	6.1	0
122	Phosphine ligand-coated Cu nanoparticle-catalyzed selective semihydrogenation of alkynes: electronic or hindrance effects of the ligand?. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 16905-16913.	2.8	0
123	DFT insight into Hashmi phenol synthesis catalyzed by Au single-walled nanotubes: mechanism and charge effect. <i>Theoretical Chemistry Accounts</i> , 2021, 140, 1.	1.4	0