

Jerome Peter

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7695256/publications.pdf>

Version: 2024-02-01

29
papers

355
citations

759190

12
h-index

839512

18
g-index

30
all docs

30
docs citations

30
times ranked

363
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyaniline decorated graphene oxide on sulfonated poly(ether ether ketone) membrane for direct methanol fuel cells application. <i>Polymers for Advanced Technologies</i> , 2022, 33, 66-80.	3.2	18
2	Effect of Skin Layer on Brush Loading, Cross-Contamination, and Cleaning Performance during Post-CMP Cleaning. <i>ECS Journal of Solid State Science and Technology</i> , 2022, 11, 054003.	1.8	0
3	Pd(II)â€“PPh ₃ complexes of halogen substituted acylthiourea ligands: Biomolecular interactions and <i>in vitro</i> antiâ€“proliferative activity. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	3.5	6
4	Impact of denticity of chromone/chromene thiosemicarbazones in the ruthenium(II)â€“DMSO complexes on their cytotoxicity against breast cancer cells. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	3.5	3
5	Structural Effect of Pincer Pd(II)â€“ONO Complexes Modified with Acylthiourea on Sizes of the In Situ Generated Pd Nanoparticles During Heck Coupling Reaction. <i>Catalysis Letters</i> , 2021, 151, 1633-1645.	2.6	7
6	Facile synthesis of silver nanoparticles stabilized dual responsive silica nanohybrid: A highly active switchable catalyst for oxidation of alcohols in aqueous medium. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 611, 125846.	4.7	14
7	Dual stimuli-responsive silver nanoparticles decorated SBAâ€“15 hybrid catalyst for selective oxidation of alcohols under â€“mildâ€“ conditions. <i>Microporous and Mesoporous Materials</i> , 2021, 311, 110697.	4.4	7
8	Synthesis and characterization of conductive polymer coated graphitic carbon nitride embedded sulfonated poly (ether ether ketone) membranes for direct methanol fuel cell applications. <i>International Journal of Energy Research</i> , 2021, 45, 16649-16666.	4.5	4
9	Stimuli-responsive organic-inorganic mesoporous silica hybrids: A comprehensive review on synthesis and recent advances. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 270, 115232.	3.5	14
10	Functionalized boron nitride embedded sulfonated poly (ether ether ketone) proton exchange membrane for direct methanol fuel cell applications. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105876.	6.7	27
11	<i>In situ</i> thermosensitive hybrid mesoporous silica: preparation and the catalytic activities for carbonyl compound reduction. <i>Dalton Transactions</i> , 2021, 50, 11730-11741.	3.3	6
12	Synthesis, cytotoxicity and docking studies (with SARS-CoV-2) of water-soluble binuclear Ru-p-cymene complex holding indole thiosemicarbazone ligand. <i>Inorganic Chemistry Communication</i> , 2021, 134, 109029.	3.9	18
13	Pd(II)â€“NNN Pincer Complexes for Catalyzing Transfer Hydrogenation of Ketones. <i>ChemistrySelect</i> , 2020, 5, 13591-13597.	1.5	4
14	Palladium nanoparticles-anchored dual-responsive SBA-15-PNIPAM/PMAA nanoreactor: a novel heterogeneous catalyst for a green Suzukiâ€“Miyaura cross-coupling reaction. <i>RSC Advances</i> , 2020, 10, 28193-28204.	3.6	19
15	Dual Stimuli-Responsive Copper Nanoparticles Decorated SBA-15: A Highly Efficient Catalyst for the Oxidation of Alcohols in Water. <i>Nanomaterials</i> , 2020, 10, 2051.	4.1	8
16	Organotin in Nonchemically Amplified Polymeric Hybrid Resist Imparts Better Resolution with Sensitivity for Next-Generation Lithography. <i>ACS Applied Polymer Materials</i> , 2020, 2, 1790-1799.	4.4	21
17	Mechanistic insights of Sn-based non-chemically-amplified resists under EUV irradiation. <i>Applied Surface Science</i> , 2020, 533, 146553.	6.1	10
18	All new nickel based Metal Core Organic Cluster (MCO) resist for N7+ node patterning. , 2020, , .		4

#	ARTICLE	IF	CITATIONS
19	Controlled Green Synthesis of Polymer Functionalized Zinc Oxide Nanoparticles. Green Reports, 2020, 1, .	0.1	2
20	Molecular structures, Hirshfeld analysis and biological investigations of isatin based thiosemicarbazones. Journal of Molecular Structure, 2019, 1198, 126904.	3.6	22
21	Effect of 2-Bromopyridine Ancillary Ligand in the Catalysis of Pd(II)-NNN Pincer Complexes towards Suzuki-Miyaura Cross-Coupling Reaction. ChemistrySelect, 2019, 4, 2237-2241.	1.5	4
22	Towards phosphine-free Pd(II) pincer complexes for catalyzing Suzuki-Miyaura cross-coupling reaction in aqueous medium. Journal of Organometallic Chemistry, 2017, 845, 115-124.	1.8	19
23	Pd/AlO(OH): A Heterogeneous, Stable and Recyclable Catalyst for N-Arylation of Aniline Under Ligand-Free Aerobic Condition. Catalysis Letters, 2017, 147, 2619-2629.	2.6	12
24	Single crystal cupric oxide nanoflakes with {111} facets for Pb ²⁺ ion adsorption and methylene blue dye decolorization. Materials Letters, 2016, 185, 218-221.	2.6	4
25	Synthesis and crystal structure of a trinuclear nickel(II) ONO pincer complex [Ni(pydc) ₂] ₂ [Ni(H ₂ O) ₅] ₂ ·2H ₂ O·2(C ₆ H ₁₅ N). Journal of Structural Chemistry, 2016, 57, 528-533.	1.0	5
26	Green synthesis of CuO nanoflakes from copper pincer complex for effective N-arylation of benzimidazole. Catalysis Communications, 2016, 75, 50-54.	3.3	18
27	Highly efficient homogeneous and heterogenized ruthenium catalysts for transfer hydrogenation of carbonyl compounds. RSC Advances, 2014, 4, 27955-27962.	3.6	20
28	Tris-chelate complexes of cobalt(III) with N-[di(alkyl/aryl)carbamoithiyl] benzamide derivatives: Synthesis, crystallography and catalytic activity in TBHP oxidation of alcohols. Journal of Molecular Catalysis A, 2012, 353-354, 156-162.	4.8	55
29	1-Benzoyl-3-methyl-3-pentylthiourea. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1149-o1149.	0.2	4