Arlin Jose Amali

List of Publications by Year
in descending order

27	1,165	516710 16	552781 26
papers	citations	h-index	g-index

28	28	28	2155
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Palladium Nanoparticles Incorporated Thiazoline Functionalized Periodic Mesoporous Organosilica: Efficient Catalyst for Selective Hydrogenation & C sp 2 â^'C sp 2 Bond Formation Reactions. ChemistrySelect, 2020, 5, 6131-6140.	1.5	3
2	CeO₂/Pd Nanoparticles Incorporated Fly Ash Zeolite: An Efficient and Recyclable Catalyst for C_{sp}²â€C_{sp}² Bond Formation Reactions. Applied Organometallic Chemistry, 2020, 34, e5752.	3.5	8
3	Photoluminescence study of (Sm0.95 Ce0.05)2O3 nanoparticles for LED applications. AIP Conference Proceedings, 2019, , .	0.4	0
4	Bifunctional Platinum Tetrapods: Highâ€Performance Catalyst for Hydrogenation of Aromatic Nitro Compounds and Electrochemical Sensor for Hydrazine.. ChemistrySelect, 2019, 4, 12117-12123.	1.5	0
5	Heterogenization of cobalt nanoparticles on hollow carbon capsules: Lab-in-capsule for catalytic transfer hydrogenation of carbonyl compounds. Molecular Catalysis, 2018, 448, 153-161.	2.0	11
6	A novel synthesis of orange-red emitting (Sm1â^'xCex)2O3nanophosphors for UV LEDs. Nano Structures Nano Objects, 2018, 13, 51-58.	3.5	2
7	Ultrafine Bimetallic PdCo Alloy Nanoparticles on Hollow Carbon Capsules: An Efficient Heterogeneous Catalyst for Transfer Hydrogenation of Carbonyl Compounds. ACS Sustainable Chemistry and Engineering, 2018, 6, 491-500.	6.7	31
8	Enzyme-Free Multiplex Detection ofPseudomonas aeruginosaandAeromonas hydrophilawith Ferrocene and Thionine-Labeled Antibodies Using ZIF-8/Au NPs as a Platform. ACS Omega, 2018, 3, 17010-17022.	3.5	27
9	Co/Coâ€N@Nanoporous Carbon Derived from ZIFâ€67: A Highly Sensitive and Selective Electrochemical Dopamine Sensor. Electroanalysis, 2018, 30, 2475-2482.	2.9	16
10	Experimental charge density distribution and its correlation toÂstructural and optical properties of Sm 3+ doped Nd 2 O 3 nanophosphors. Journal of Rare Earths, 2017, 35, 1102-1114.	4.8	14
11	Isolable C@Fe3O4 nanospheres supported cubical Pd nanoparticles as reusable catalysts for Stille and Mizoroki-Heck coupling reactions. Tetrahedron Letters, 2017, 58, 3276-3282.	1.4	25
12	Mesoporous Microcapsules through <scp>d</scp>-Glucose Promoted Hydrothermal Self-Assembly of Colloidal Silica: Reusable Catalytic Containers for Palladium Catalyzed Hydrogenation Reactions. ACS Sustainable Chemistry and Engineering, 2017, 5, 667-674.	6.7	20
13	Cubical Palladium Nanoparticles on C@Fe3O4 for Nitro reduction, Suzuki-Miyaura Coupling and Sequential Reactions. Journal of Molecular Catalysis A, 2016, 423, 511-519.	4.8	24
14	Fabrication of Pd Nanoparticles Embedded C@Fe₃O₄ Coreâ€“Shell Hybrid Nanospheres: An Efficient Catalyst for Cyanation in Aryl Halides. ACS Applied Materials & Interfaces, 2015, 7, 22907-22917.	8.0	43
15	From assembled metalâ€“organic framework nanoparticles to hierarchically porous carbon for electrochemical energy storage. Chemical Communications, 2014, 50, 1519-1522.	4.1	329
16	Confinement of Cu^{II}â€“Phthalocyanine in a Bioinspired Hybrid Nanoparticleâ€Assembled Structure Yields Selective and Stable Epoxidation Catalysts. Chemistry - A European Journal, 2014, 20, 8453-8457.	3.3	9
17	Assembly of Multiple Components in a Hybrid Microcapsule: Designing a Magnetically Separable Pd Catalyst for Selective Hydrogenation. Chemistry - A European Journal, 2014, 20, 12239-12244.	3.3	14
18	From Metalâ€“Organic Framework to Intrinsically Fluorescent Carbon Nanodots. Chemistry - A European Journal, 2014, 20, 8279-8282.	3.3	68

#	Article	IF	Citations
19	PdPt Nanocubes: A Highâ€Performance Catalyst for Hydrolytic Dehydrogenation of Ammonia Borane. Particle and Particle Systems Characterization, 2013, 30, 888-892.	2.3	56
20	Poly(<scp>l</scp>-Lysine)â€“pyranine-3 coacervate mediated nanoparticle-assembly: fabrication of dynamic pH-responsive containers. Chemical Communications, 2012, 48, 856-858.	4.1	20
21	Formation of fractals by the self-assembly of interpolymer adducts of polymethacrylic acid with complementary polymers in aqueous solution. Journal of Chemical Sciences, 2012, 124, 375-383.	1.5	6
22	Nanoparticle assembled microcapsules for application as pH and ammonia sensor. Analytica Chimica Acta, 2011, 708, 75-83.	5.4	40
23	A Biomimetic Iron Catalyst for the Epoxidation of Olefins with Molecular Oxygen at Room Temperature. Angewandte Chemie - International Edition, 2011, 50, 1425-1429.	13.8	118
24	Tailored Anisotropic Magnetic Chain Structures Hierarchically Assembled from Magnetoresponsive and Fluorescent Components. Angewandte Chemie - International Edition, 2011, 50, 1318-1321.	13.8	28
25	Stabilisation of Pd(0) on surface functionalised Fe3O4 nanoparticles: magnetically recoverable and stable recyclable catalyst for hydrogenation and Suzukiâ€“Miyaura reactions. Green Chemistry, 2009, 11, 1781.	9.0	182
26	Preparation and photophysics of HPTS-based nanoparticle-assembled microcapsules. Journal of Materials Chemistry, 2009, 19, 4017.	6.7	16
27	Trapping Pd(0) in nanoparticle-assembled microcapsules: an efficient and reusable catalyst. Chemical Communications, 2008, , 4165.	4.1	46