Gopal Kandasamy

List of Publications by Year
in descending order

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33 papers	1,092 citations	430874 18 h-index	414414 32 g-index
34 all docs	34 docs citations	34 times ranked	1288 citing authors

#	Article	IF	Citations
1	Improving the mechanical properties of natural rubber composite with carbon black (N220) as filler. Materials Today: Proceedings, 2021, 42, 921-925.	1.8	10
2	Study to enhance the mechanical properties of natural rubber by using the carbon black (N550). Materials Today: Proceedings, 2020, 26, 378-381.	1.8	7
3	Luminescent Pyrene-Decorated Organotin Compounds: Observation of Monomer and Excimer Emission. Crystal Growth and Design, 2019, 19, 1888-1895.	3.0	11
4	MCM-41 Nanoparticles for Brain Delivery: Better Choline-Esterase and Amyloid Formation Inhibition with Improved Kinetics. ACS Biomaterials Science and Engineering, 2018, 4, 2860-2869.	5.2	18
5	Palladium-catalyzed convenient one-pot synthesis of multi-substituted 2-pyrones via transesterification and alkenylation of enynoates. Tetrahedron Letters, 2017, 58, 1387-1389.	1.4	19
6	Solventâ€“free Multicomponent Synthesis of Biologicallyâ€“active Fusedâ€“imidazo Heterocycles Catalyzed by Reusable Yb(OTf)₃ Under Microwave Irradiation. ChemistrySelect, 2016, 1, 1016-1021.	1.5	32
7	Ruthenium Catalyzed Intramolecular Câ€“S Coupling Reactions: Synthetic Scope and Mechanistic Insight. Organic Letters, 2016, 18, 356-359.	4.6	68
8	Ambient Temperature Snâ€“C Bond Cleavage Reaction Involving the Snâ€“nâ€butyl Group. Weak FÂ·Â·Â·F Interactions in the Solid State Structure of [{nBu₂SnO₂Câ€“C₆H₄â€4â€CF₃}₂O]₂. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 1147-1151.	1.2	8
9	Synthesis, structure and magnetism of the mixed-valent phosphonate cage, [MnIIMnIII12(Î¼4-O)6(Î¼-OH)6(O3Pâ€“t-Bu)10(OH2)2(DMF)4]Â·[2MeOHÂ·4DMF]. Polyhedron, 2014, 72, 35-42.	2.2	7
10	Organotin Dithiocarbamates: Single-Source Precursors for Tin Sulfide Thin Films by Aerosol-Assisted Chemical Vapor Deposition (AACVD). Chemistry of Materials, 2013, 25, 266-276.	6.7	129
11	Supramolecular Signatures of Adenine-Containing Organostannoxane Assemblies. Crystal Growth and Design, 2013, 13, 1665-1675.	3.0	24
12	Trapping Dimethyltin Cations by Bipyridineâ€N,Nâ€²â€Dioxide Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 1716-1722.	1.2	0
13	Multicomponent Assembly of Anionic and Neutral Decanuclear Copper(II) Phosphonate Cages. Inorganic Chemistry, 2012, 51, 5605-5616.	4.0	26
14	Octa- and hexametallic iron(iii)â€“potassium phosphonate cages. Dalton Transactions, 2011, 40, 12044.	3.3	11
15	Carbophosphazene-Based Multisite Coordination Ligands: Metalation Studies on the Pyridyloxy Carbophosphazene, [NC(NMe2)]2[NP(p-OC5H4N)2]. Crystal Growth and Design, 2011, 11, 1512-1519.	3.0	10
16	Assembly of a dinuclear silver complex containing an Ag2S2 motif from a phosphorus-supported trishydrazone ligand. Pî€Sâ†'AgI coordination. Dalton Transactions, 2011, 40, 7873.	3.3	5
17	Synthesis, structure and photo-physical properties of phosphorus-supported fluorescent probes. Tetrahedron, 2011, 67, 6917-6926.	1.9	12
18	3dâ€“4f Clusters with large spin ground states and SMM behaviour. Dalton Transactions, 2010, 39, 4747.	3.3	160

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19	Self-Assembly of Organostannoxanes: Formation of Gels in Aromatic Solvents. Organometallics, 2009, 28, 4593-4601.	2.3	18
20	Direct Hydrolysis of Hydrated Organotin Cations:Â Synthesis and Structural Characterization of {[n-Bu2Sn(OH2)(Phen)(O3SC6H3-2,5-Me2)]+[2,5-Me2C6H3SO3]-} (Phen = 1,10-phenanthroline) and {[n-Bu2Sn(Î¼-OH)(O3SC6H3-2,5-Me2)]2}n. Organometallics, 2007, 26, 2833-2839.	2.3	27
21	Nanodimensional Organostannoxane Molecular Assemblies. Accounts of Chemical Research, 2007, 40, 420-434.	15.6	111
22	Organotin compounds containing four-membered distannoxane [Sn(Âµ-OH)]2 units. Applied Organometallic Chemistry, 2007, 21, 483-503.	3.5	14
23	Influence of Aromatic Substituents on the Supramolecular Architectures of Monoorganooxotin Drums. Crystal Growth and Design, 2006, 6, 267-273.	3.0	32
24	Stannoxanes and phosphonates: New approaches in organometallic and transition metal assemblies. Journal of Chemical Sciences, 2006, 118, 455-462.	1.5	2
25	Synthesis, Structure and Reactivity of Hydrated and Dehydrated Organotin Cations. European Journal of Inorganic Chemistry, 2006, 2006, 4129-4136.	2.0	23
26	N-Bonded Monosilanols: Synthesis and Characterization of ArN(SiMe3)SiMe2Cl and ArN(SiMe3)SiMe2OH (Ar = C6H5, 2,6-Me2C6H3,2,6-iPr2C6H3). European Journal of Inorganic Chemistry, 2005, 2005, 1880-1885.	2.0	12
27	Monoorganotin(IV) phosphonates. Applied Organometallic Chemistry, 2005, 19, 429-436.	3.5	30
28	Organostannoxane-Supported Multiferrocenyl Assemblies: Synthesis, Novel Supramolecular Structures, and Electrochemistry. Chemistry - A European Journal, 2005, 11, 5437-5448.	3.3	75
29	A new structural form for a decanuclear copper(ii) assembly. Dalton Transactions, 2005, , 3143.	3.3	55
30	Organooxotin Cages, {[(n-BuSn)3(Î¼3-O)(OC6H4-4-X)3]2[HPO3]4}, X = H, Cl, Br, and I, in Double O-Capped Structures:Â Halogen-Bonding-Mediated Supramolecular Formation. Organometallics, 2005, 24, 4926-4932.	2.3	28
31	Solventless Reactions for the Synthesis of Organotin Clusters and CagesÂ§. Organometallics, 2003, 22, 3710-3716.	2.3	56
32	First example of a Snâ€“C bond cleaved product in the reaction of Ph3SnOSnPh3 with carboxylic acids. 3D-Supramolecular network formation in the X-ray crystal structure of [Ph2Sn(OH)OC(O)(Rf)]2, Rf = 2,4,6-(CF3)3C6H2. Chemical Communications, 2003, , 862-863.	4.1	33
33	Fundamentals in Tin Chemistry. , 0, , 17-283.		17