

Gopal Kandasamy

List of Publications by Year in descending order

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430874

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	3d-4f Clusters with large spin ground states and SMM behaviour. Dalton Transactions, 2010, 39, 4747.	3.3	160
2	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
3	Nanodimensional Organostannoxane Molecular Assemblies. Accounts of Chemical Research, 2007, 40, 420-434.	15.6	111
4	Organostannoxane-Supported Multiferrocenyl Assemblies: Synthesis, Novel Supramolecular Structures, and Electrochemistry. Chemistry - A European Journal, 2005, 11, 5437-5448.	3.3	75
5	Ruthenium Catalyzed Intramolecular C-S Coupling Reactions: Synthetic Scope and Mechanistic Insight. Organic Letters, 2016, 18, 356-359.	4.6	68
6	Solventless Reactions for the Synthesis of Organotin Clusters and Cages. Organometallics, 2003, 22, 3710-3716.	2.3	56
7	A new structural form for a decanuclear copper(ii) assembly. Dalton Transactions, 2005, , 3143.	3.3	55
8	First example of a Sn-C bond cleaved product in the reaction of Ph ₃ SnOSnPh ₃ with carboxylic acids. 3D-Supramolecular network formation in the X-ray crystal structure of [Ph ₂ Sn(OH)OC(O)(Rf)] ₂ , Rf = 2,4,6-(CF ₃) ₃ C ₆ H ₂ . Chemical Communications, 2003, , 862-863.	4.1	33
9	Influence of Aromatic Substituents on the Supramolecular Architectures of Monoorganotin Drums. Crystal Growth and Design, 2006, 6, 267-273.	3.0	32
10	Solvent-free Multicomponent Synthesis of Biologically active Fused-imidazo Heterocycles Catalyzed by Reusable Yb(OTf) ₃ Under Microwave Irradiation. ChemistrySelect, 2016, 1, 1016-1021.	1.5	32
11	Monoorganotin(IV) phosphonates. Applied Organometallic Chemistry, 2005, 19, 429-436.	3.5	30
12	Organotin Cages, {[n-BuSn] ₃ (μ ₃ -O)(OC ₆ H ₄ -4-X) ₃] ₂ [HPO ₃] ₄ }, X = H, Cl, Br, and I, in Double O-Capped Structures: A Halogen-Bonding-Mediated Supramolecular Formation. Organometallics, 2005, 24, 4926-4932.	2.3	28
13	Direct Hydrolysis of Hydrated Organotin Cations: A Synthesis and Structural Characterization of {[n-Bu ₂ Sn(OH ₂)(Phen)(O ₃ SC ₆ H ₃ -2,5-Me ₂)] _n + [2,5-Me ₂ C ₆ H ₃ SO ₃] _n } (Phen = 1,10-phenanthroline) and {[n-Bu ₂ Sn(μ ₃ -OH)(O ₃ SC ₆ H ₃ -2,5-Me ₂)] ₂] _n . Organometallics, 2007, 26, 2833-2839.	2.3	27
14	Multicomponent Assembly of Anionic and Neutral Decanuclear Copper(II) Phosphonate Cages. Inorganic Chemistry, 2012, 51, 5605-5616.	4.0	26
15	Supramolecular Signatures of Adenine-Containing Organostannoxane Assemblies. Crystal Growth and Design, 2013, 13, 1665-1675.	3.0	24
16	Synthesis, Structure and Reactivity of Hydrated and Dehydrated Organotin Cations. European Journal of Inorganic Chemistry, 2006, 2006, 4129-4136.	2.0	23
17	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
18	Self-Assembly of Organostannoxanes: Formation of Gels in Aromatic Solvents. Organometallics, 2009, 28, 4593-4601.	2.3	18

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19	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
20	Fundamentals in Tin Chemistry. , 0, , 17-283.		17
21	Organotin compounds containing four-membered distannoxane [Sn(μ-OH)] ₂ units. Applied Organometallic Chemistry, 2007, 21, 483-503.	3.5	14
22	N-Bonded Monosilanols: Synthesis and Characterization of ArN(SiMe ₃)SiMe ₂ Cl and ArN(SiMe ₃)SiMe ₂ OH (Ar = C ₆ H ₅ , 2,6-Me ₂ C ₆ H ₃ , 2,6-iPr ₂ C ₆ H ₃). European Journal of Inorganic Chemistry, 2005, 2005, 1880-1885.	2.0	12
23	Synthesis, structure and photo-physical properties of phosphorus-supported fluorescent probes. Tetrahedron, 2011, 67, 6917-6926.	1.9	12
24	Octa- and hexametallic iron(iii)â€ˆpotassium phosphonate cages. Dalton Transactions, 2011, 40, 12044.	3.3	11
25	Luminescent Pyrene-Decorated Organotin Compounds: Observation of Monomer and Excimer Emission. Crystal Growth and Design, 2019, 19, 1888-1895.	3.0	11
26	Carbophosphazene-Based Multisite Coordination Ligands: Metalation Studies on the Pyridyloxy Carbophosphazene, [NC(NMe ₂)] ₂ [NP(p-OC ₅ H ₄ N) ₂]. Crystal Growth and Design, 2011, 11, 1512-1519.	3.0	10
27	Improving the mechanical properties of natural rubber composite with carbon black (N220) as filler. Materials Today: Proceedings, 2021, 42, 921-925.	1.8	10
28	Ambient Temperature Snâ€ˆC Bond Cleavage Reaction Involving the Snâ€ˆ <i>n</i> -butyl Group. Weak FâˆˆF Interactions in the Solid State Structure of [{{ <i>n</i> -Bu ₂ SnO ₂ Ca ₆ H ₄ â€ˆCF ₃ }} ₂ (O) ₈] ₂ . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 1147-1151.	1.2	8
29	Synthesis, structure and magnetism of the mixed-valent phosphonate cage, [MnIIIMnIII12(1/4-O) ₆ (1/4-OH) ₆ (O ₃ Pâ€ˆ <i>t</i> -Bu) ₁₀ (OH) ₂ (DMF) ₄]. Polyhedron, 2014, 72, 35-42.	2.2	7
30	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
31	Assembly of a dinuclear silver complex containing an Ag ₂ S ₂ motif from a phosphorus-supported trishydrazone ligand. Pi€ˆAgI coordination. Dalton Transactions, 2011, 40, 7873.	3.3	5
32	Stannoxanes and phosphonates: New approaches in organometallic and transition metal assemblies. Journal of Chemical Sciences, 2006, 118, 455-462.	1.5	2
33	Trapping Dimethyltin Cations by Bipyridineâ€ˆ <i>N,N</i> -â€ˆDioxide Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 1716-1722.	1.2	0