

# Vasudevan Subramaniyan

## List of Publications by Year in descending order

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17  
papers

380  
citations

1307594

7  
h-index

940533

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

445  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Sulfonium cations as versatile strongly $\pi$ -acidic ligands. <i>Chemical Science</i> , 2022, 13, 4770-4778.   | 7.4  | 4         |
| 2  | Synthesis and structural characterizations of Pd(II) complexes bearing the new hexahydropyrimidine and tetrahydropyrimidinium based bis(pyrazole) ligands with DFT studies. <i>Journal of Molecular Structure</i> , 2021, 1231, 129949.                                     | 3.6  | 3         |
| 3  | Synthesis, structural characterization, and bonding analysis of two-coordinate copper(i) and silver(i) complexes of pyrrole-based bis(phosphinimine): new metal $\pi$ -pyrrole ring $\pi$ -interactions. <i>Dalton Transactions</i> , 2021, 50, 8036-8044.                  | 3.3  | 6         |
| 4  | Versatility of the bis(iminopyrrolylmethyl)amine ligand: tautomerism, protonation, helical chirality, and the secondary coordination sphere with halogen bonds in the formation of copper(II) and nickel(II) complexes. <i>Dalton Transactions</i> , 2020, 49, 13840-13853. | 3.3  | 13        |
| 5  | Synthesis, X-Ray Structures, and Fluxional Properties of Symmetrical, Asymmetrical Binuclear and Cubane Type Copper(I) Complexes Bearing the Pyrrole-Based P, N-Hetero Donor Ligand. <i>ChemistrySelect</i> , 2020, 5, 5006-5012.   | 1.5  | 1         |
| 6  | New spiro-borane and spiro-borate derived from dipyrromethane and their H/D exchange properties. <i>Polyhedron</i> , 2020, 186, 114612.   | 2.2  | 3         |
| 7  | Crystal structure and DFT analyses of a pentacoordinated PCP pincer nickel(II) complex. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 734-739.  | 0.5  | 2         |
| 8  | Mannich reaction of pyrrole and dimethylpyrrole with monoamines and diamines. <i>Tetrahedron Letters</i> , 2019, 60, 151247.  | 1.4  | 5         |
| 9  | Facile synthesis of Pd(II) and Ni(II) pincer carbene complexes by the double C-H bond activation of a new hexahydropyrimidine-based bis(phosphine): catalysis of C-N couplings. <i>Dalton Transactions</i> , 2019, 48, 7203-7210.   | 3.3  | 20        |
| 10 | Mixed ligand Cu(II) complexes: Square pyramidal vs trigonal bipyramidal with the pyrrole-based dipodal ligand having hydrogen bond acceptors. <i>Journal of Molecular Structure</i> , 2019, 1195, 1-9.  | 3.6  | 12        |
| 11 | Homoleptic and heteroleptic copper(I) complexes bearing diimine-diphosphine ligands. , 2019, , 237-258.   |      | 2         |
| 12 | Nickel(II) and Palladium(II) Complexes Bearing an Unsymmetrical Pyrrole-Based PNN Pincer and Their Norbornene Polymerization Behaviors versus the Symmetrical NNN and PNP Pincers. <i>Inorganic Chemistry</i> , 2019, 58, 3444-3456.  | 4.0  | 22        |
| 13 | Synthesis, Reactions, and Structures of Heterocycle-Tethered Boranes and Their Precursors. <i>Organometallics</i> , 2018, 37, 127-135.  | 2.3  | 3         |
| 14 | Ultrasonic-assisted synthesis of graphene oxide $\alpha$ -fungal hyphae: An efficient and reclaimable adsorbent for chromium(VI) removal from aqueous solution. <i>Ultrasonics Sonochemistry</i> , 2018, 48, 412-417.   | 8.2  | 61        |
| 15 | A GO-CS@MOF [Zn(BDC)(DMF)] material for the adsorption of chromium(VI) ions from aqueous solution. <i>Composites Part B: Engineering</i> , 2018, 152, 116-125.  | 12.0 | 118       |
| 16 | Preparation of graphene oxide/chitosan/ferrite nanocomposite for Chromium(VI) removal from aqueous solution. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 540-547.  | 7.5  | 101       |
| 17 | The $\pi$ -reverse transmetalation <sup>TM</sup> reaction of the pyrrole-based PNP pincer Ni(II) complexes: X-ray structures of binuclear silver(I) and thiocyanate nickel(II) complexes. <i>Inorganica Chimica Acta</i> , 2018, 480, 113-119.                              | 2.4  | 4         |