

Rodrigo S Bitzer

List of Publications by Year in descending order

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16
papers

180
citations

1307594

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1058476

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times ranked

252
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | On the molecular and supramolecular properties of N,N'-disubstituted iminoisoindolines: Synthesis, spectroscopy, X-ray structure and Hirshfeld surface analyses, and DFT calculations of two (E)-N,N'-bis(aryl)iminoisoindolines (aryl = 2-tert-butylphenyl or perfluorophenyl). <i>Journal of Molecular Structure</i> , 2017, 1130, 165-173. | 3.6 | 39 |
| 2 | Spectroscopic and X-ray structural characterization of new organotin carboxylates and their <i>in vitro</i> antifungal activities. <i>Polyhedron</i> , 2016, 117, 35-47. | 2.2 | 27 |
| 3 | On the generalized valence bond description of the anomeric and exo-anomeric effects: an <i>ab initio</i> conformational study of 2-methoxytetrahydropyran. <i>Carbohydrate Research</i> , 2005, 340, 2171-2184. | 2.3 | 23 |
| 4 | Air and moisture stable covalently-bonded tin(II) coordination polymers. <i>Dalton Transactions</i> , 2018, 47, 8013-8022. | 3.3 | 20 |
| 5 | Spectroscopic and X-ray structural characterization of new polymeric organotin(IV) carboxylates and their <i>in vitro</i> antifungal activities: Part II. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3645. | 3.5 | 17 |
| 6 | Molecular and supramolecular properties of nitroaromatic thiosemicarbazones: Synthesis, spectroscopy, X-ray structure elucidation and DFT calculations. <i>Journal of Molecular Structure</i> , 2017, 1131, 79-86. | 3.6 | 9 |
| 7 | A contribution to the coordination chemistry of 2,3,5,6-tetrakis(1-pyridyl)pyrazine (TPP): Synthesis, spectroscopy, electrochemistry, and density-functional study of $\{[\text{Mo}(\text{CO})_4]_2(\text{TPP})\}$. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 2005-2013. | 1.8 | 8 |
| 8 | Transesterification reactions of dimethoxycarbonylethyltin-pyrrolidinodithiocarbamate, $[\text{Sn}(\text{PDTC})_2(\text{CH}_2\text{CH}_2\text{COOCH}_3)_2]$ - Spectroscopic and X-ray structural characterization of new estertin dithiocarbamate complexes - Part I. <i>Journal of Organometallic Chemistry</i> , 2017, 832, 57-65. | 1.8 | 7 |
| 9 | A contribution to the coordination chemistry of (E)-N,N'-bis(2-pyridyl)iminoisoindoline (2-pyimiso): Synthesis, characterization, and DFT calculations of trans- $[\text{PtCl}_2(\text{dmsol})_2(\text{2-pyimiso})_2]$. <i>Polyhedron</i> , 2015, 102, 329-336. | 2.2 | 6 |
| 10 | Mono- and bimetallic chromium(III) complexes containing 2,3,5,6-tetrakis(1-pyridyl)pyrazine as a tridentate ligand: synthesis and spectroscopic characterization. <i>Transition Metal Chemistry</i> , 2005, 30, 636-642. | 1.4 | 5 |
| 11 | A novel oxidative addition product from $[\text{Pt}_2(\text{dba})_3]$: synthesis and spectroscopic characterization of a bimetallic Pt-eta ² -tetracyanoethylene complex containing 2,3,5,6-tetrakis(alpha-pyridyl)pyrazine. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 1600-1604. | 0.6 | 5 |
| 12 | Synthesis and spectroscopic characterization of tin(II) and tin(IV) complexes containing 2,3,5,6-tetrakis(alpha-pyridyl)pyrazine as a bridging ligand. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 963-968. | 0.6 | 4 |
| 13 | Supramolecular Cd(II) complexes with (E)-N,N'-bis(2-pyridyl)iminoisoindoline (2-pyimiso): synthesis, X-ray structures, Hirshfeld surface analyses, and DFT study of $[\text{CdX}_2(\text{2-pyimiso})_2]$ (X = Cl or NCS). <i>Journal of Coordination Chemistry</i> , 2016, 69, 3261-3283. | 2.2 | 4 |
| 14 | Molecular and supramolecular properties of a Hg(II) complex with (E)-N,N'-bis(2-pyridyl)iminoisoindoline: synthesis, spectroscopy, X-ray structure and Hirshfeld surface analyses, and DFT calculations. <i>Journal of Coordination Chemistry</i> , 2017, 70, 1089-1104. | 2.2 | 4 |
| 15 | Transesterification reactions of dimethoxycarbonylethyltin- morpholinodithiocarbamate, $[(\text{MeO})_2\text{TjETQq1}]$ - DFT calculations of new diestertin dithiocarbamate complexes - Part II. <i>Polyhedron</i> , 2017, 135, 161-168. | 2.2 | 2 |
| 16 | Synthesis and Application of Bimetallic Zinc(II) Phenoxy-Imine Complexes as Initiators for Production of Lactide Polymers. <i>Journal of the Brazilian Chemical Society</i> , 2017, . | 0.6 | 0 |