

G Stephen Kocheril

List of Publications by Year in descending order

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16
papers

257
citations

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280
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Observation of Four-Fold Boron-Metal Bonds in $\text{Rh}(\text{BO})_3$ and RhB . <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 659-663. | 2.1 | 46 |
| 2 | Observation of Möbius Aromatic Planar Metallaborocycles. <i>Journal of the American Chemical Society</i> , 2020, 142, 3356-3360. | 6.6 | 26 |
| 3 | Communication: High precision sub-Doppler infrared spectroscopy of the HeH^+ ion. <i>Journal of Chemical Physics</i> , 2014, 141, 101101. | 1.2 | 24 |
| 4 | High-Resolution Photoelectron Imaging of IrB_3 : Observation of an Aromatic B_3 Ring Coordinated to a Transition Metal. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8877-8881. | 7.2 | 24 |
| 5 | ReB_6 : A Metallaboron Analog of Metallabenzenes. <i>Journal of the American Chemical Society</i> , 2019, 141, 17854-17860. | 6.6 | 20 |
| 6 | HIGH PRECISION ROVIBRATIONAL SPECTROSCOPY OF OH^+ . <i>Astrophysical Journal</i> , 2016, 817, 138. | 1.6 | 15 |
| 7 | Polarization of Valence Orbitals by the Intramolecular Electric Field from a Diffuse Dipole-Bound Electron. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 7914-7919. | 2.1 | 15 |
| 8 | Probing the coupling of a dipole-bound electron with a molecular core. <i>Chemical Science</i> , 2019, 10, 1386-1391. | 3.7 | 14 |
| 9 | The nature of the chemical bonding in 5d transition-metal diatomic borides MB ($\text{M} = \text{Ir}, \text{Pt}, \text{Au}$). <i>Journal of Chemical Physics</i> , 2020, 152, 174301. | 1.2 | 14 |
| 10 | MnB_6 : An Open-Shell Metallaboron Analog of 3d Metallabenzenes. <i>Journal of Physical Chemistry A</i> , 2020, 124, 2820-2825. | 1.1 | 13 |
| 11 | High resolution photoelectron imaging of boron-bismuth binary clusters: Bi_2B_n ($n = 1, 2$). <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 12431-12436. | 1.2 | 12 |
| 12 | High-precision R-branch transition frequencies in the fundamental band of $\text{H}^{1/2}$. <i>Journal of Molecular Spectroscopy</i> , 2015, 317, 71-73. | 0.4 | 10 |
| 13 | High-resolution photoelectron imaging of MnB_3 : Probing the bonding between the aromatic B_3 cluster and 3d transition metals. <i>Journal of Chemical Physics</i> , 2020, 152, 244306. | 1.2 | 8 |
| 14 | Characteristics of Ice Impedance Recorded From a Ring Electrode Placed at the Anterior Surface of the Cryoballoon. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e005949. | 2.1 | 6 |
| 15 | Novel dyeless and fluoro-less approach to cryoballoon pulmonary vein occlusion assessment. <i>Heart Rhythm</i> , 2017, 14, 1241-1246. | 0.3 | 5 |
| 16 | High-Resolution Photoelectron Imaging of IrB_3 : Observation of an Aromatic B_3 Ring Coordinated to a Transition Metal. <i>Angewandte Chemie</i> , 2019, 131, 8969-8973. | 1.6 | 5 |