

G Stephen Kocheril

List of Publications by Year in descending order

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papers

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citations

840119

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docs citations

16
times ranked

280
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	The nature of the chemical bonding in 5d transition-metal diatomic borides MB (M = Ir, Pt, Au). <i>Journal of Chemical Physics</i> , 2020, 152, 174301.	1.2	14
3	MnB ₆ ⁺ : An Open-Shell Metallaboron Analog of 3d Metallabenzenes. <i>Journal of Physical Chemistry A</i> , 2020, 124, 2820-2825.	1.1	13
4	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
5	Observation of Möbius Aromatic Planar Metallaborocycles. <i>Journal of the American Chemical Society</i> , 2020, 142, 3356-3360.	6.6	26
6	Observation of Four-Fold Boron-Metal Bonds in RhB(BO) ⁺ and RhB. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 659-663.	2.1	46
7	ReB ₆ ⁺ : A Metallaboron Analog of Metallabenzenes. <i>Journal of the American Chemical Society</i> , 2019, 141, 17854-17860.	6.6	20
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	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
10	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
11	High resolution photoelectron imaging of boron-bismuth binary clusters: Bi ₂ B ⁺ (B ₂ = Ir, Pt, Au). <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 1386-1391.	1.2	12
12	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
13	Novel dyeless and fluoro-less approach to cryoballoon pulmonary vein occlusion assessment. <i>Heart Rhythm</i> , 2017, 14, 1241-1246.	0.3	5
14	HIGH PRECISION ROVIBRATIONAL SPECTROSCOPY OF OH ⁺ . <i>Astrophysical Journal</i> , 2016, 817, 138.	1.6	15
15	High-precision B-branch transition frequencies in the fundamental band of OH ⁺ . <i>Journal of Molecular Spectroscopy</i> , 2015, 317, 71-73.	0.4	10
16	Communication: High precision sub-Doppler infrared spectroscopy of the HeH ⁺ ion. <i>Journal of Chemical Physics</i> , 2014, 141, 101101.	1.2	24