

Timothy J Crawford

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

163
citations

1478505

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1720034

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docs citations

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times ranked

213
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Line parameters including temperature dependences of self- and air-broadened line shapes of $^{12}\text{C}^{16}\text{O}_2$: 1.6–1.7 μm region. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2016, 177, 117-144. | 2.3 | 52 |
| 2 | Line parameters including temperature dependences of air- and self-broadened line shapes of $^{12}\text{C}^{16}\text{O}_2$: 2.06–1.7 μm region. <i>Journal of Molecular Spectroscopy</i> , 2016, 326, 21-47. | 1.2 | 42 |
| 3 | Spectral line parameters including line shapes in the $2^{1/2}_3$ Q branch of $^{12}\text{CH}_4$. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2016, 177, 152-169. | 2.3 | 25 |
| 4 | High resolution spectral analysis of oxygen. III. Laboratory investigation of the airglow bands. <i>Journal of Chemical Physics</i> , 2013, 139, 144301. | 3.0 | 14 |
| 5 | Positions, intensities and line shape parameters for the 1^1_0 bands of CO isotopologues. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2018, 218, 203-230. | 2.3 | 14 |
| 6 | N_2 - and (H_2+He) -broadened cross sections of benzene (C_6H_6) in the 7–15 μm region for the Titan and jovian atmospheres. <i>Icarus</i> , 2016, 271, 438-452. | 2.5 | 9 |
| 7 | FTS measurements of O_2 collision-induced absorption in the 565–700 nm region using a high pressure gas absorption cell. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2019, 235, 232-243. | 2.3 | 7 |