

Boris A Voronin

List of Publications by Year in descending order

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22
papers

567
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687363

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1058476

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g-index

23
all docs

23
docs citations

23
times ranked

329
citing authors

#	ARTICLE	IF	CITATIONS
1	IUPAC critical evaluation of the rotational-vibrational spectra of water vapor. Part II. Journal of Quantitative Spectroscopy and Radiative Transfer, 2010, 111, 2160-2184.	2.3	178
2	A high accuracy computed line list for the HDO molecule. Monthly Notices of the Royal Astronomical Society, 2010, 402, 492-496.	4.4	76
3	Estimate of the J^2J^3 dependence of water vapor line broadening parameters. Journal of Quantitative Spectroscopy and Radiative Transfer, 2010, 111, 2308-2314.	2.3	44
4	HDO absorption spectrum above 11500 cm^{-1} : Assignment and dynamics. Journal of Molecular Spectroscopy, 2007, 244, 87-101.	1.2	38
5	High-Order Resonances in the Water Molecule. Journal of Molecular Spectroscopy, 2001, 205, 1-8.	1.2	36
6	Room temperature line lists for deuterated water. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 203, 175-185.	2.3	34
7	Potential energy surface of HDO up to 25000 cm^{-1} . Journal of Chemical Physics, 2008, 128, 044312.	3.0	32
8	Linelist of HD16O for study of atmosphere of terrestrial planets (Earth, Venus and Mars). Icarus, 2014, 236, 38-47.	2.5	31
9	Molecular line lists for modelling the opacity of cool stars. Molecular Physics, 2007, 105, 701-714.	1.7	22
10	Fourier transform absorption spectra of H217O and H218O in the 8000-9400 cm^{-1} spectral region. Journal of Molecular Spectroscopy, 2006, 237, 53-62.	1.2	19
11	Intracavity laser absorption spectroscopy of HDO between 12145 and 13160 cm^{-1} . Journal of Molecular Spectroscopy, 2008, 248, 122-133.	1.2	19
12	Fourier-transform absorption spectroscopy of H218O in the first hexade region. Journal of Molecular Spectroscopy, 2006, 236, 127-133.	1.2	18
13	Calculation of solar radiation atmospheric absorption with different H2O spectral line data banks. Journal of Molecular Spectroscopy, 2009, 256, 41-44.	1.2	14
14	H 218O spectrum between 13000 and 15500 cm^{-1} . , 1997, , .		1
15	Ground-based spectroscopic measurements of atmospheric oxygen complexes (O_2). Proceedings of SPIE, 2012, , .	0.8	1
16	Aluminum hydride and deuteride spectral line parameters in W@DIS information system. , 2019, , .		1
17	Contribution of new water vapor absorption lines to the atmospheric transmission in the transparency window 8-12 μm . , 2020, , .		1
18	Method of averaged energy differences of coupled states and other approaches for calculation line broadening parameters of HD ¹⁶ O transitions. Proceedings of SPIE, 2012, , .	0.8	0

#	ARTICLE	IF	CITATIONS
19	Calculations of air-, carbon dioxide and self-broadening coefficients of D ₂ S lines. , 2017, , .		0
20	Estimation of carbon dioxide broadening and self-broadening coefficients of SO ₂ lines. , 2018, , .		0
21	The VoTe room temperature H ₂ 16O line list up to 25000 cm ⁻¹ . , 2018, , .		0
22	Analyzing Work from Graduates of the Marie Curie Alumni Association as a Tool for EU Collaboration with National Scientific Expatriate Communities. Science Governance and Scientometrics, 2019, 14, 504-522.	0.2	0