

Anna Grochola

List of Publications by Year in descending order

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49
papers

1,058
citations

623734

14
h-index

414414

32
g-index

49
all docs

49
docs citations

49
times ranked

637
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of Ultracold Polar Molecules in the Rovibrational Ground State. Physical Review Letters, 2008, 101, 133004.	7.8	517
2	Permanent dipole moment of LiCs in the ground state. Physical Review A, 2010, 82, .	2.5	41
3	Influence of a Feshbach resonance on the photoassociation of LiCs. New Journal of Physics, 2009, 11, 055034.	2.9	38
4	The RbSr ² Σ^+ ground state investigated via spectroscopy of hot and ultracold molecules. Physical Chemistry Chemical Physics, 2018, 20, 26221-26240.	2.8	25
5	Photoassociation spectroscopy of the Σ^1 state of LiCs. Journal of Chemical Physics, 2009, 131, 054304.	3.0	23
6	The molecular constants and potential energy curve of the D1 Σ state in KLi. Chemical Physics Letters, 2003, 372, 173-178.	2.6	21
7	Experimental study of the and states of NaK by polarization labeling spectroscopy technique. Journal of Molecular Spectroscopy, 2003, 221, 279-284.	1.2	20
8	Spin-forbidden $c^3\Sigma^+$ ground state of NaK investigated via spectroscopy of hot and ultracold molecules. Physical Chemistry Chemical Physics, 2018, 20, 26221-26240.	2.8	25

#	ARTICLE	IF	CITATIONS
19	Polarization labeling spectroscopy of highly excited $\hat{1}$ and $\hat{1}+$ states in NaLi. Journal of Chemical Physics, 2009, 130, 124307.	3.0	12
20	Spectroscopic study of the $6^{1}\hat{u}$ state in Li_2 . Molecular Physics, 2008, 106, 1375-1378.	1.7	11
21	Study of the $4^{1}\hat{g}$ state in KC_2 molecule by polarisation labelling spectroscopy. Chemical Physics Letters, 2013, 576, 10-14.	2.6	11

22

#	ARTICLE	IF	CITATIONS
37	On the $61\hat{u}$ state of Na ₂ . Chemical Physics Letters, 2006, 430, 247-250.	2.6	5
38	The spin-orbit coupling of the $61\hat{\Sigma}^+$ and $43\hat{I}$ states in KCs: Observation and deperturbation. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 239, 106650.		
39	Determination of the C(3) $1\hat{\Sigma}^+$ state potential energy curve in KCs molecule based on polarisation labelling spectroscopy data. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 224, 117331.	3.9	5
40	Polarization labelling spectroscopy of the $41\hat{I}$ state of KLi. Molecular Physics, 2004, 102, 1739-1742.	1.7	4
41	Theoretical study of highly excited $1\hat{\Sigma}^+$ and $1\hat{I}$ states of NaLi and experimental observation of the interacting $51\hat{\Sigma}^+$ and $61\hat{\Sigma}^+$ states. Chemical Physics, 2009, 362, 130-134.	1.9	4
42	Spectroscopic study of the $71\hat{I}$ and $71\hat{\Sigma}^+$ states of Rb ₂ molecule. Journal of Molecular Spectroscopy, 2018, 354, 60-64.	1.2	4
43	The $41\hat{\Sigma}^+$ electronic state of LiCs molecule. European Physical Journal: Special Topics, 2013, 222, 2329-2333.	2.6	3
44	Polarisation labelling spectroscopy of rubidium dimer: Highly excited $81\hat{u}^+$, $91\hat{u}^+$ and $81\hat{u}$ states. Journal of Molecular Structure, 2020, 1208, 127858.	3.6	2
45	Observation of D(2) $1\hat{a}^{-1/4}(2)3\hat{I}^{-1/4}(2)3\hat{\Sigma}^+$ states in KCs by polarisation labelling spectroscopy technique. Modelling of the D(2) $1\hat{a}^{-1/4}(2)3\hat{I}$ system. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 3248, 106984.		2
46	The $41\hat{\Sigma}^+u$ state in Na ₂ . , 2005, 5849, 182.		0
47	Determination of potential energy curves by regularized inverted perturbation approach: application to alkali dimers. , 2005, , .		0
48	ULTRACOLD POLAR MOLECULES IN THE ROVIBRATIONAL GROUND STATE. , 2010, , .		0
49	On the $31\hat{u}$ state in caesium dimer. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 255, 119643.	3.9	0