

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	On the $3^1\Sigma^+$ state in caesium dimer. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 255, 119643.	3.9	0
2	Determination of the $C(3^1\Sigma^+)$ 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
3	Polarisation labelling spectroscopy of rubidium dimer: Highly excited $81^1\Sigma^+$, $91^1\Sigma^+$ and $81^1\Sigma$ states. Journal of Molecular Structure, 2020, 1208, 127858.	3.6	2
4	Observation of $D(2^1\Sigma^+)$, $D(2^3\Sigma^+)$, $D(2^3\Sigma^-)$ states in KCs by polarisation labelling spectroscopy technique. Modelling of the $D(2^1\Sigma^+)$ - $\tilde{a}^1\Sigma^-(2^3\Sigma^-)$ system. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 248, 106984.	3.3	2
5	The spin-orbit coupling of the $C(3^1\Sigma^+)$ and $4^3\Sigma^-$ states in KCs: Observation and deperturbation. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 239, 106650.	3.1	2
6	Experimental and theoretical study of the $B(2^1\Sigma^+)$ - $\tilde{a}^1\Sigma^-$ X(1) $2^1\Sigma^+$ system in the KSr molecule. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 210, 217-224.	2.3	7
7	Spectroscopic study of the $C(3^1\Sigma^+)$ and $4^3\Sigma^-$ states in KCs: Observation and deperturbation. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 239, 106650.	3.1	2
8	The $RbSr^2\Sigma^+$ ground state investigated via spectroscopy of hot and ultracold molecules. Physical Chemistry Chemical Physics, 2018, 20, 26221-26240.	2.8	25
9	Spectroscopic study of the $7^1\Sigma^+$ and $7^1\Sigma^-$ states of Rb_2 molecule. Journal of Molecular Spectroscopy, 2018, 354, 60-64.	1.2	4
10			

#	ARTICLE	IF	CITATIONS
19	c $3^3 \hat{\xi}$		

#	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 $41\hat{x}+u$ state in Na ₂ . , 2005, 5849, 182.		0
39	Determination of potential energy curves by regularized inverted perturbation approach: application to alkali dimers. , 2005, , .		0
40	The $C1\hat{u}$ state of Na ₂ revisited: A comprehensive study by polarization labeling spectroscopy technique. Journal of Molecular Spectroscopy, 2005, 232, 291-295.	1.2	7
41	Experimental and theoretical investigation of the and states of K ₂ . Journal of Molecular Spectroscopy, 2004, 224, 151-156.	1.2	10
42	On the state of NaK. Journal of Molecular Spectroscopy, 2004, 226, 95-102.	1.2	14
43	The $31\hat{u}$ state in Na ₂ . Chemical Physics Letters, 2004, 394, 383-386.	2.6	9
44	Polarization labelling spectroscopy of the $41\hat{u}$ state of KLi. Molecular Physics, 2004, 102, 1739-1742.	1.7	4
45	A regularized inverted perturbation approach method: Potential energy curve of the $4\hat{x}+u$ state in Na ₂ . Journal of Chemical Physics, 2004, 121, 5754-5760.	3.0	19
46	The molecular constants and potential energy curve of the $D1\hat{u}$ state in KLi. Chemical Physics Letters, 2003, 372, 173-178.	2.6	21
47	Experimental study of the and states of NaK by polarization labeling spectroscopy technique. Journal of Molecular Spectroscopy, 2003, 221, 279-284.	1.2	20
48	Studies of electron energy distribution in plasma produced by a resonant laser pulse. Plasma Sources Science and Technology, 2002, 11, 492-497.	3.1	16
49	The $C1\hat{x}+u$ State of KLi Studied by Polarisation Labelling Spectroscopy Technique. Acta Physica Polonica A, 2002, 102, 729-738.	0.5	7