

# Uldis Berzins

## List of Publications by Year in descending order

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31  
papers

589  
citations

623574

14  
h-index

610775

24  
g-index

31  
all docs

31  
docs citations

31  
times ranked

502  
citing authors

#	ARTICLE	IF	CITATIONS
1	Isotope shift in the electron affinity of chlorine. <i>Physical Review A</i> , 1995, 51, 231-238.	1.0	174
2	Nonstatistical fragmentation of large molecules. <i>Physical Review A</i> , 2014, 89, .	1.0	57
3	Resonance Structure in the $\text{Li}^{\sim}$ Photodetachment Cross Section. <i>Physical Review Letters</i> , 1995, 74, 4795-4798.	2.9	33
4	Observation of Doubly Excited States in $\text{Li}^{\sim}$ . <i>Physical Review Letters</i> , 1996, 77, 3751-3754.	2.9	24
5	Fragmentation of anthracene $\text{C}_{14}\text{H}_{10}$ , acridine $\text{C}_{13}\text{H}_9\text{N}$ and phenazine $\text{C}_{12}\text{H}_8\text{N}_2$ ions in collisions with atoms. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 21980-21987.	1.3	24
6	The electron affinity of tellurium. <i>Zeitschrift für Physik D-Atoms Molecules and Clusters</i> , 1996, 38, 211-214.	1.0	23
7	Determination of radiative lifetimes of neutral sulfur by time-resolved vacuum-ultraviolet laser spectroscopy. <i>Physical Review A</i> , 1997, 55, 1836-1841.	1.0	23
8	Series of Doubly Excited Quartet States of $\text{He}^{\sim}$ . <i>Physical Review Letters</i> , 1998, 81, 2874-2877.	2.9	23
9	Spectrum of Doubly Excited States in the $\text{K}^{\sim}$ Ion. <i>Physical Review Letters</i> , 2000, 84, 5979-5982.	2.9	20
10	Isomer effects in fragmentation of Polycyclic Aromatic Hydrocarbons. <i>International Journal of Mass Spectrometry</i> , 2015, 392, 58-62.	0.7	19
11	Photodetachment study of quartet resonances below the thresholds. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1998, 31, 2549-2557.	0.6	16
12	Strongly correlated states in the $\text{Li}^{\sim}$ ion. <i>Physical Review A</i> , 2001, 63, .	1.0	16
13	Laser and radio-frequency spectroscopy of the $5d\ 36s\ 2\ 4\ P\ 3/2, 5/2$ states in Ta I. <i>Zeitschrift für Physik D-Atoms Molecules and Clusters</i> , 1992, 23, 67-70.	1.0	14
14	Photodetachment study of the $1s3s4s4S$ resonance in $\text{He}^{\sim}$ . <i>Physical Review A</i> , 1997, 56, 2788-2791.	1.0	14
15	Transition Probability Measurements of Te I Spectral Lines by Methods of Emission and Absorption of Radiation. <i>Physica Scripta</i> , 1983, 28, 171-175.	1.2	11
16	Oscillator strengths of sulphur $3s23p34s3So-3s23p34p3P$ transitions measured by time resolved two-photon laser spectroscopy. <i>Physica Scripta</i> , 1997, 56, 459-461.	1.2	11
17	Effect of polarization on photodetachment thresholds. <i>Physical Review A</i> , 2004, 70, .	1.0	11
18	Transition Probability Measurements of Se I Spectral Lines by Emission Method. <i>Physica Scripta</i> , 1986, 34, 805-806.	1.2	10

#	ARTICLE	IF	CITATIONS
19	Title is missing!. Journal of Physics B: Atomic, Molecular and Optical Physics, 2000, 33, 5593-5600.	0.6	10
20	Oscillator strengths for resonance transitions in neutral selenium and tellurium derived from time-resolved laser spectroscopy. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1992, 23, 29-32.	1.0	8
21	Laser and radiofrequency spectroscopy of the 5d 4 6s 6 D multiplet in Ta I. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1993, 27, 155-158.	1.0	8
22	Determination of radiative lifetimes of neutral bismuth by time-resolved uv-vuv laser spectroscopy. Physical Review A, 1995, 52, 1936-1941.	1.0	8
23	Photodetachment of the Ca <sup>+</sup> ion at the 3P <sub>1/2</sub> threshold. Physical Review A, 1999, 60, 715-718.	1.0	7
24	5s2p36s-5s25p4 transition probabilities of Te I. Physica Scripta, 1991, 43, 162-165.	1.2	5
25	Operation of spatial light modulators in DUV light. , 2003, , .		5
26	Landé factor and lifetime measurements in even-parity Rydberg series of Pb using time-resolved laser spectroscopy. Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, 3501-3511.	0.6	4
27	Contrast properties of spatial light modulators for microlithography. Proceedings of SPIE, 2007, , .	0.8	4
28	Collinear photodetachment spectroscopy. Nuclear Instruments & Methods in Physics Research B, 1993, 79, 159-161.	0.6	3
29	Operating a cesium sputter source in a pulsed mode. Review of Scientific Instruments, 2020, 91, 023322.	0.6	3
30	Radiative lifetimes in neutral tellurium measured by time-resolved laser spectroscopy. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1994, 32, 31-34.	1.0	1
31	Characterization of 193-nm resists for optical mask manufacturing. , 2004, , .		0