

# Nina Reistad

## List of Publications by Year in descending order

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36  
papers

679  
citations

516710

16  
h-index

580821

25  
g-index

36  
all docs

36  
docs citations

36  
times ranked

345  
citing authors

#	ARTICLE	IF	CITATIONS
1	Beyond velocity and acceleration: jerk, snap and higher derivatives. European Journal of Physics, 2016, 37, 065008.	0.6	125
2	Accurate transition probabilities in ions obtained by isoelectronic smoothing of line strengths. Physical Review A, 1986, 34, 2632-2637.	2.5	57
3	Lifetimes of Levels in C II and C III, Derived from Beam-Foil Experiments and Extensive Cascade Analyses. Physica Scripta, 1986, 34, 151-157.	2.5	41
4	Oscillator Strength Measurements of the Resonance Transitions in Sodium- and Magnesium-Like Argon. Physica Scripta, 1986, 34, 158-163.	2.5	34
5	J-Dependent 3s4p <sup>3</sup> P Lifetimes in Mg-Like Sulphur and Chlorine. Physica Scripta, 1984, 30, 249-254.	2.5	32
6	Diffuse Reflectance Spectroscopy for Surface Measurement of Liver Pathology. European Surgical Research, 2017, 58, 40-50.	1.3	24
7	Lifetime of the 3s3p <sup>1</sup> P Term in S V. Physica Scripta, 1985, 32, 164-168.	2.5	23
8	Lifetimes of Some Low-Lying Levels in Ni XVII. Physica Scripta, 1987, 35, 300-302.	2.5	22
9	Analysis of core-excited n=3 configurations in S VI, Cl VII, Ar VIII and Ti XII. Physica Scripta, 1990, 42, 44-50.	2.5	22
10	The 2p <sup>4</sup> 3s, 3p and 3d Configurations of Thirteen Times Ionized Titanium, Ti XIV. Physica Scripta, 1985, 32, 527-533.	2.5	21
11	Clinical Translation of a Novel Photoacoustic Imaging System for Examining the Temporal Artery. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2019, 66, 472-480.	3.0	20
12	Observation of an intensity anomaly in the 3s23p <sup>2</sup> P <sub>1/2,3/2</sub> -3s3p <sup>2</sup> S <sub>1/2</sub> and 2P <sub>1/2</sub> resonance transitions in the Al I isoelectronic sequence. Physica Scripta, 1989, 39, 66-69.	2.5	18
13	On the 3s-3p and 3p-3d Transitions in Ne-like Ni XIX. Physica Scripta, 1987, 35, 296-299.	2.5	17
14	A new measurement of the 1s2s2p <sup>4</sup> P <sup>o</sup> -1s2p <sup>2</sup> 4P transitions in C IV: wavelengths, fine structure intervals and lifetimes. Physica Scripta, 1987, 36, 250-254.	2.5	17
15	Intercombination decay of 3s3p <sup>3</sup> P <sup>1</sup> 0 in Mg-like Ni and Cu. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1986, 1, 331-332.	1.0	16
16	Optimal Epinephrine Concentration and Time Delay to Minimize Perfusion in Eyelid Surgery: Measured by Laser-Based Methods and a Novel Form of Extended-Wavelength Diffuse Reflectance Spectroscopy. Ophthalmic Plastic and Reconstructive Surgery, 2018, 34, 123-129.	0.8	16
17	Photoacoustic imaging of the spatial distribution of oxygen saturation in an ischemia-reperfusion model in humans. Biomedical Optics Express, 2021, 12, 2484.	2.9	15
18	Experimental oscillator strengths for resonance transitions in aluminum-like sulfur, S IV. Astrophysical Journal, 1988, 327, 502.	4.5	15

#	ARTICLE	IF	CITATIONS
19	Lifetimes of 2p <sub>5/2</sub> and 3d levels in Ne-like chlorine, Cl VIII. Nuclear Instruments & Methods in Physics Research B, 1988, 31, 300-304.	1.4	14
20	Experimental mean-life determinations of 2p <sub>5/2</sub> and 3d levels in S VII and Ar IX. Physica Scripta, 1988, 38, 821-824.	2.5	14
21	Transition Probabilities for the 1s <sub>2</sub> 1S <sup>o</sup> -1s <sub>2</sub> 3P <sup>o</sup> Intercombination Line in He-Like Carbon and Nitrogen. Physica Scripta, 1985, 31, 506-508.	2.5	13
22	Extended-wavelength diffuse reflectance spectroscopy with a machine-learning method for in vivo tissue classification. PLoS ONE, 2019, 14, e0223682.	2.5	11
23	Lifetimes of low-lying doublet states in S IV. Physical Review A, 1989, 39, 4518-4524.	2.5	10
24	Intraoperative liver steatosis characterization using diffuse reflectance spectroscopy. Hpb, 2019, 21, 175-180.	0.3	10
25	Automatic threshold selection algorithm to distinguish a tissue chromophore from the background in photoacoustic imaging. Biomedical Optics Express, 2021, 12, 3836.	2.9	10
26	Extended-wavelength diffuse reflectance spectroscopy for a comprehensive view of blood perfusion and tissue response in human forearm skin. Microvascular Research, 2019, 124, 1-5.	2.5	9
27	The structure and decay-dynamics of the 2s <sub>2</sub> 3p <sup>o</sup> and 3d configurations in F V. Physica Scripta, 1991, 44, 548-554.	2.5	8
28	Photoacoustic imaging for the monitoring of local changes in oxygen saturation following an adrenaline injection in human forearm skin. Biomedical Optics Express, 2021, 12, 4084.	2.9	8
29	Beam-foil lifetime data for 3s 3p <sup>o</sup> and 3s 2 3p 3d levels of Si-like Ni <sup>14+</sup> . Zeitschrift für Physik D-Atoms Molecules and Clusters, 1989, 11, 207-211.	1.0	7
30	Diffuse reflectance spectroscopy of liver tissue. Proceedings of SPIE, 2015, , .	0.8	7
31	Characterization and modeling of acousto-optic signal strengths in highly scattering media. Biomedical Optics Express, 2019, 10, 5565.	2.9	7
32	Hyperspectral and Laser Speckle Contrast Imaging for Monitoring the Effect of Epinephrine in Local Anesthetics in Oculoplastic Surgery. Ophthalmic Plastic and Reconstructive Surgery, 2022, 38, 462-468.	0.8	6
33	Hypoperfusion following the injection of epinephrine in human forearm skin can be measured by RGB analysis but not with laser speckle contrast imaging. Microvascular Research, 2019, 121, 7-13.	2.5	5
34	Characterization of probe contact effects on diffuse reflectance spectroscopy measurements. Proceedings of SPIE, 2015, , .	0.8	3
35	Gymnasiets laborationsundervisning i fysik " mellan tradition och "Ändrade styrdokument. Lumat, 2018, 6, .	0.5	1
36	Gymnasiets laborationsundervisning i fysik " Vad p"rverkar l"rars val av laborationer?. Lumat, 2019, 7, .	0.5	1