

# Ola A Al-Hagan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7365531/publications.pdf>

Version: 2024-02-01

12  
papers

321  
citations

1307594

7  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

162  
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomic and molecular signatures for charged-particle ionization. Nature Physics, 2009, 5, 59-63.	16.7	111
2	The Distorted-Wave Born Approach for Calculating Electron-Impact Ionization of Molecules. Journal of Atomic, Molecular, and Optical Physics, 2010, 2010, 1-24.	0.5	81
3	Fivefold differential cross sections for ground-state ionization of aligned H <sub>2</sub> by electron impact. Journal of Chemical Physics, 2010, 133, 044302.	3.0	32
4	Iterative supervirtual refraction interferometry. Geophysics, 2014, 79, Q21-Q30.	2.6	32
5	Low-energy symmetric coplanar and symmetric non-coplanar (e,2e) studies from the 3a <sub>1</sub> state of H <sub>2</sub> O. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 112001.	1.5	28
6	Electron impact ionization cross sections of $H_2O$ for low outgoing electron energies from $1 < \theta < 10^\circ$ .	2.5	18
7	Super-virtual refraction interferometry: an engineering field data example. Near Surface Geophysics, 2012, 10, 443-449.	1.2	9
8	Nonlinear rarefactive isothermal ion acoustic waves in magnetized ultrarelativistic degenerate plasmas. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2020, 75, 921-932.	1.5	6
9	Slow light with electromagnetically induced transparency in optical fibre. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 155502.	1.5	3
10	Evaluation of drying parameters and antioxidant activity of agro-industrial waste. Advances in Materials and Processing Technologies, 2022, 8, 3875-3888.	1.4	1
11	Theoretical & experimental (e,2e) studies for electron impact ionization of argon measured in the perpendicular plane. Journal of Physics: Conference Series, 2009, 194, 042042.	0.4	0
12	Recent theoretical progress in treating electron impact ionization of molecules. Journal of Physics: Conference Series, 2010, 212, 012004.	0.4	0