

# Dimitrios Koulentianos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9577911/publications.pdf>

Version: 2024-02-01

20  
papers

145  
citations

1307594

7  
h-index

1281871

11  
g-index

20  
all docs

20  
docs citations

20  
times ranked

185  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cationic double K-hole pre-edge states of CS <sub>2</sub> and SF <sub>6</sub> . Scientific Reports, 2017, 7, 13317.	3.3	19
2	Abundance of molecular triple ionization by double Auger decay. Scientific Reports, 2018, 8, 16405.	3.3	18
3	Ultrafast nuclear dynamics in the doubly-core-ionized water molecule observed via Auger spectroscopy. Physical Review A, 2018, 98, .	2.5	15
4	KL double core hole pre-edge states of HCl. Physical Chemistry Chemical Physics, 2018, 20, 2724-2730.	2.8	14
5	Double-core-hole states in CH <sub>3</sub> CN: Pre-edge structures and chemical-shift contributions. Journal of Chemical Physics, 2018, 149, 134313.	3.0	12
6	Argon $K_{L_2}$ Auger spectrum: Initial states, core-hole lifetimes, shake, and knock-down processes. Physical Review A, 2020, 102, .	2.5	11
7	Valence double ionization electron spectra of CH <sub>3</sub> F, CH <sub>3</sub> Cl and CH <sub>3</sub> I. Chemical Physics, 2017, 491, 42-47.	1.9	8
8	Single and multiple excitations in double-core-hole states of free water molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 224002.	1.5	7
9	Parametrization of energy sharing distributions in direct double photoionization of He. Scientific Reports, 2019, 9, 17883.	3.3	6
10	Auger decay of $4d_{5/2}$ inner-shell holes in atomic Hg leading to triple ionization. Physical Review A, 2017, 96, .	2.5	5
11	Electron spectroscopy and dynamics of HBr around the Br $1s_{1/2}$ threshold. Physical Chemistry Chemical Physics, 2020, 22, 26806-26818.	2.8	5
12	High intensity x-ray interaction with a model bio-molecule system: double-core-hole states and fragmentation of formamide. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 244005.	1.5	5
13	The O $K_{VV}$ spectrum of CO: the influence of the second core-hole. Physical Chemistry Chemical Physics, 2021, 23, 10780-10790.	2.8	4
14	Electron delocalisation in conjugated sulfur heterocycles probed by resonant Auger spectroscopy. Physical Chemistry Chemical Physics, 2022, 24, 8477-8487.	2.8	4
15	A von Hamos spectrometer based on highly annealed pyrolytic graphite crystal in tender x-ray domain. Review of Scientific Instruments, 2021, 92, 073104.	1.3	3
16	Argon $1s_{2/2}$ Auger hypersatellites. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 54, 024001.	1.5	3
17	Coulomb explosion of CD <sub>3</sub> I induced by single photon deep inner-shell ionisation. Scientific Reports, 2020, 10, 1246.	3.3	2
18	Resonant Auger decay induced by the symmetry-forbidden $1g_{1/2} \rightarrow 1g_{3/2}$ transition of the SF <sub>6</sub> molecule. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2022, 40, 042801.	2.1	2

#	ARTICLE	IF	CITATIONS
19	Photon-In/Photon-Out X-ray Free-Electron Laser Studies of Radiolysis. Applied Sciences (Switzerland), 2021, 11, 701.	2.5	1
20	Formation and relaxation of $K^{2-}$ and $K^{2-}V$ double-core-hole states in <i>n</i> -butane. Journal of Chemical Physics, 0, , .	3.0	1