

# Kuno Kooser

## List of Publications by Year in descending order

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46  
papers

498  
citations

623734

14  
h-index

752698

20  
g-index

46  
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46  
docs citations

46  
times ranked

769  
citing authors



#	ARTICLE	IF	CITATIONS
19	Vibrationally Resolved B 1s Photoionization Cross Section of BF <sub>3</sub> . Journal of Physical Chemistry A, 2015, 119, 5971-5978.	2.5	12
20	Facile synthesis of magnetically separable CoFe <sub>2</sub> O <sub>4</sub> /Ag <sub>2</sub> O/Ag <sub>2</sub> CO <sub>3</sub> nanoheterostructures with high photocatalytic performance under visible light and enhanced stability against photodegradation. Journal of Environmental Chemical Engineering, 2017, 5, 3455-3462.	6.7	12
21	A detailed investigation of single-photon laser enabled Auger decay in neon. New Journal of Physics, 2019, 21, 113036.	2.9	12
22	Vibrationally resolved C 1s photoionization cross section of CF <sub>4</sub> . Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 124032.	1.5	11
23	Persistent photoinduced magnetization in the coexisting spin-glass and ferromagnetic phases of Pr <sub>0.9</sub> Ca <sub>0.1</sub> MnO <sub>3</sub> thin film. Journal of Physics Condensed Matter, 2011, 23, 466002.	1.8	10
24	Photofragmentation of Serine Following C 1s Core Ionization—Comparison with Cysteine. Journal of Physical Chemistry A, 2016, 120, 5419-5426.	2.5	9
25	Comparison of VUV radiation induced fragmentation of thymidine and uridine nucleosides — The effect of methyl and hydroxyl groups. International Journal of Mass Spectrometry, 2014, 370, 96-100.	1.5	8
26	Resonant Auger electron—photoion coincidence study of the fragmentation dynamics of an acrylonitrile molecule. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 235103.	1.5	7
27	Full-dimensional theoretical description of vibrationally resolved valence-shell photoionization of H <sub>2</sub> O. Structural Dynamics, 2019, 6, 054101.	2.3	7
28	Substrate-induced effects in the creation and decay of potassium 2p core excitations in ultrathin films of KCl on copper. Journal of Physics Condensed Matter, 2008, 20, 145206.	1.8	6
29	Gas-phase study on uridine: Conformation and X-ray photofragmentation. Journal of Chemical Physics, 2015, 142, 194303.	3.0	6
30	Density functional simulation of resonant inelastic X-ray scattering experiments in liquids: acetonitrile. Physical Chemistry Chemical Physics, 2016, 18, 26026-26032.	2.8	6
31	Photo-ionization and fragmentation of Sc <sub>3</sub> N@C <sub>80</sub> following excitation above the Sc K-edge. Journal of Chemical Physics, 2019, 151, 104308.	3.0	5
32	Photofragmentation of gas-phase acetic acid and acetamide clusters in the vacuum ultraviolet region. Journal of Chemical Physics, 2017, 147, 194302.	3.0	3
33	Photodissociation dynamics of halogenated aromatic molecules: the case of core-ionized tetrabromothiophene. Physical Chemistry Chemical Physics, 2021, 23, 21249-21261.	2.8	3
34	Resonant inelastic x-ray scattering and UV—VUV luminescence at the Be 1s edge in BeO. Journal of Physics Condensed Matter, 2010, 22, 375505.	1.8	2
35	The sub-bandgap energy loss satellites in the RIXS spectra of beryllium compounds. Journal of Electron Spectroscopy and Related Phenomena, 2011, 184, 366-370.	1.7	2
36	Fragmentation of imidazole, pyrimidine and purine induced by core ionization: Significance of small-scale chemical environment. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 356, 283-289.	3.9	2

#	ARTICLE	IF	CITATIONS
37	Site-selective bond scission of methylbenzoate following core excitation. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 9591-9599.	2.8	2
38	Study of Electrochemical and Crystallographic Changes During Initial Stabilization of $\text{La}_{0.75}\text{Sr}_{0.25}\text{Cr}_{0.5}\text{Mn}_{0.3}\text{Ni}_{0.2}\text{O}_{3-\delta}$ Reversible Solid Oxide Cell Electrode. <i>Fuel Cells</i> , 2020, 20, 741-752.		
39	Electronic structure of LBO and BBO as revealed by boron and oxygen RIXS spectra. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2013, 188, 32-37.	1.7	1
40	Molecular dynamics of photodissociation: towards more complex systems. <i>Journal of Physics: Conference Series</i> , 2015, 635, 112105.	0.4	1
41	Photoinduced intermolecular dynamics and subsequent fragmentation in VUV-ionized acetamide clusters. <i>Journal of Chemical Physics</i> , 2016, 145, 124313.	3.0	1
42	Operando NAP-HT-XPS and Impedance Spectroscopy Study of Pulsed Laser Deposited Ni-Ce <sub>0.9</sub> Gd <sub>0.1</sub> O <sub>2-<math>\delta</math></sub> Solid Oxide Fuel Cell Electrode. <i>ECS Transactions</i> , 2019, 91, 555-561.	0.5	1
43	Dissociation dynamics of doubly charged CO <sub>2</sub> and CS <sub>2</sub> molecules as studied by electron-ion coincidence spectroscopy and simulations. <i>Journal of Physics: Conference Series</i> , 2012, 388, 022084.	0.4	0
44	Time-resolved dynamics of thiophene dication $\text{C}_4\text{H}_4^{2+}$ probing parent molecule survival times and multi-step dissociation processes of cyclic molecules by free-electron-laser experiments combined with theoretical simulations. <i>Journal of Physics: Conference Series</i> , 2020, 1412, 112007.	0.4	0
45	Influence of the Ti Content on the Electrochemical Performance and Surface Properties of $(\text{La}_{0.6}\text{Sr}_{0.4})_{0.99}\text{Co}_{1-x}\text{Ti}_x\text{O}_{3-\delta}$ Oxygen Electrode. <i>ECS Transactions</i> , 2021, 103, 1433-1444.	0.5	0
46	Femtosecond Time-resolved Study on Nanoplasma Dynamics of Xenon Clusters Irradiated with High Intensity Hard X-rays at SACL, 2016, .		0