

# Joachim Opitz

## List of Publications by Year in descending order

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13  
papers

189  
citations

1040056

9  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

109  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiphoton ionization of vanadocene and ferrocene at 248 and 193 nm. Wavelength-dependent competition between dissociation and ionization. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1992, 121, 183-199.	1.8	33
2	Photoionization of propynal in the gas phase. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1991, 107, 503-513.	1.8	26
3	Electron impact ionization of cobalt-tricarbonyl-nitrosyl, cyclopentadienyl-cobalt-dicarbonyl and biscyclopentadienyl-cobalt: appearance energies, bond energies and enthalpies of formation. <i>International Journal of Mass Spectrometry</i> , 2003, 225, 115-126.	1.5	24
4	Multiphoton excitation of ferrocene and vanadocene at 351 nm in comparison with 248 and 193 nm. Wavelength dependent competition between ionization and dissociation. <i>Organic Mass Spectrometry</i> , 1993, 28, 405-411.	1.3	23
5	Electron Impact Ionization of Dicyclopentadienyl-Manganese and Cyclopentadienyl-Manganese-Tricarbonyl Compared with Dimanganese-Decacarbonyl: Appearance Energies, Bond Energies and Enthalpies of Formation. <i>European Journal of Mass Spectrometry</i> , 2001, 7, 55-62.	1.0	15
6	Multiphoton and electron impact ionization of manganese decacarbonyl Mn <sub>2</sub> (CO) <sub>10</sub> at 351, 248 and 193 nm. Wavelength dependent competition between ionization and dissociation. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1993, 124, 157-169.	1.8	13
7	Electron-impact ionization of benzoic acid, nicotinic acid and their n-butyl esters: An approach to regioselective proton affinities derived from ionization and appearance energy data. <i>International Journal of Mass Spectrometry</i> , 2007, 265, 1-14.	1.5	13
8	Multiphoton and electron impact ionization of azirines: 3-methyl-2-phenyl-1-azirine at $\lambda = 248$ nm and 193 nm. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1992, 115, 53-66.	1.8	11
9	Nanosecond laser excitation of benzene-chromium-tricarbonyl and dibenzene-chromium at 351, 248 and 193 nm. Wavelength-dependent competition between ionization and dissociation. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1993, 125, 215-228.	1.8	11
10	Multiphoton and electron impact ionization of azirines. Part II: 2,3-diphenyl-1-azirine at 248 nm and 193 nm. <i>Organic Mass Spectrometry</i> , 1992, 27, 1105-1113.	1.3	9
11	Electron impact and multiphoton ionization and fragmentation of molybdenum-cyclopentadienyl-dicarbonyl-nitrosyl at 351, 248 and 193 nm. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1997, 171, 147-157.	1.8	5
12	Electron-Impact Ionization of Mandelic Acid and Mandelic Acid Methyl Ester as Prototypes for the C <sub>6</sub> H <sub>5</sub> CH(OH)-X System: Ionization and Appearance Energies, Activation Energies and Enthalpies of Formation. <i>European Journal of Mass Spectrometry</i> , 2005, 11, 371-380.	1.0	4
13	Electron-induced ionization of undeuterated and deuterated benzoic acid isopropyl esters and nicotinic acid isopropyl esters: Some implications for the mechanism of the McLafferty rearrangement. <i>European Journal of Mass Spectrometry</i> , 2020, 26, 3-24.	1.0	2