

# Alexander SchÃ¼tz

## List of Publications by Year in descending order

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14  
papers

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citations

840776

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1058476

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citing authors

#	ARTICLE	IF	CITATIONS
1	Dielectric barrier discharges applied for optical spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2016, 123, 6-32.	2.9	53
2	Dielectric barrier discharges applied for soft ionization and their mechanism. <i>Analytica Chimica Acta</i> , 2017, 951, 16-31.	5.4	44
3	Dielectric Barrier Discharge Ionization of Perfluorinated Compounds. <i>Analytical Chemistry</i> , 2015, 87, 11415-11419.	6.5	35
4	Use of dielectric barrier discharge ionization to minimize matrix effects and expand coverage in pesticide residue analysis by liquid chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2018, 1020, 76-85.	5.4	32
5	Capillary Dielectric Barrier Discharge: Transition from Soft Ionization to Dissociative Plasma. <i>Analytical Chemistry</i> , 2016, 88, 4701-4705.	6.5	30
6	Flexible Microtube Plasma (F $\mu$ TP) as an Embedded Ionization Source for a Microchip Mass Spectrometer Interface. <i>Analytical Chemistry</i> , 2018, 90, 10111-10116.	6.5	27
7	Soft Argon-Propane Dielectric Barrier Discharge Ionization. <i>Analytical Chemistry</i> , 2018, 90, 3537-3542.	6.5	22
8	Detection of multiclass explosives and related compounds in soil and water by liquid chromatography-dielectric barrier discharge ionization-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 4785-4796.	3.7	17
9	Tuning Soft Ionization Strength for Organic Mass Spectrometry. <i>Analytical Chemistry</i> , 2016, 88, 5538-5541.	6.5	16
10	An experimental study on the influence of trace impurities on ionization of atmospheric noble gas dielectric barrier discharges. <i>Analyst</i> , 2016, 141, 5842-5848.	3.5	15
11	Stepwise optimization of a Flexible Microtube Plasma (F $\mu$ TP) as an ionization source for Ion Mobility Spectrometry. <i>Analytica Chimica Acta</i> , 2020, 1127, 89-97.	5.4	12
12	Characterization of dielectric barrier discharges for analytical chemistry. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 314003.	2.8	11
13	Screening of semifluorinated n-alkanes by gas chromatography coupled to dielectric barrier discharge ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1092-1098.	1.5	10
14	Medium Vacuum Electron Emitter as Soft Atmospheric Pressure Chemical Ionization Source for Organic Molecules. <i>Analytical Chemistry</i> , 2016, 88, 5003-5008.	6.5	3