

# Jean-Francois Greisch

## List of Publications by Year in descending order

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30  
papers

566  
citations

687363

13  
h-index

642732

23  
g-index

31  
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31  
docs citations

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times ranked

947  
citing authors

#	ARTICLE	IF	CITATIONS
1	Generating Informative Sequence Tags from Antigen-Binding Regions of Heavily Glycosylated IgA1 Antibodies by Native Top-Down Electron Capture Dissociation. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 1326-1335.	2.8	15
2	Human plasma IgG1 repertoires are simple, unique, and dynamic. <i>Cell Systems</i> , 2021, 12, 1131-1143.e5.	6.2	37
3	Extending Native Top-Down Electron Capture Dissociation to MDa Immunoglobulin Complexes Provides Useful Sequence Tags Covering Their Critical Variable Complementarity-Determining Regions. <i>Analytical Chemistry</i> , 2021, 93, 16068-16075.	6.5	14
4	Selectivity over coverage in <i>de novo</i> sequencing of IgGs. <i>Chemical Science</i> , 2020, 11, 11886-11896.	7.4	13
5	Enhancing Top-Down Analysis Using Chromophore-Assisted Infrared Multiphoton Dissociation from (Phospho)peptides to Protein Assemblies. <i>Analytical Chemistry</i> , 2020, 92, 15506-15516.	6.5	14
6	Benefits of Collisional Cross Section Assisted Precursor Selection (caps-PASEF) for Cross-linking Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 1677-1687.	3.8	36
7	Oligomerization of Dehydrogenated Polycyclic Aromatic Hydrocarbons on Highly Oriented Pyrolytic Graphite. <i>Journal of Physical Chemistry C</i> , 2020, 124, 8236-8246.	3.1	4
8	Expanding the mass range for UVPD-based native top-down mass spectrometry. <i>Chemical Science</i> , 2019, 10, 7163-7171.	7.4	29
9	Vibronic Coupling Analysis of the Ligand-Centered Phosphorescence of Gas-Phase Gd(III) and Lu(III) 9-Oxophenalen-1-one Complexes. <i>Journal of Physical Chemistry A</i> , 2018, 122, 2461-2467.	2.5	5
10	Detection of Intermediates in Dual Gold Catalysis Using High-Resolution Ion Mobility Mass Spectrometry. <i>Organometallics</i> , 2018, 37, 1493-1500.	2.3	30
11	Gas-Phase Photoluminescence and Photodissociation of Silver-Capped Hexagold Clusters. <i>Journal of Physical Chemistry A</i> , 2018, 122, 5799-5810.	2.5	8
12	Correlation of the structural information obtained for europium-chelate ensembles from gas-phase photoluminescence and ion-mobility spectroscopy with density-functional computations and ligand-field theory. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 6105-6112.	2.8	7
13	Flyscan opportunities in medicine: the case of quantum rattle based on gold quantum dots. <i>Journal of Synchrotron Radiation</i> , 2017, 24, 991-999.	2.4	12
14	From Planar to Cage in 15 Easy Steps: Resolving the C <sub>60</sub> H <sub>21</sub> F <sub>9</sub> → C <sub>60</sub> F <sub>9</sub> Transformation by Ion Mobility Mass Spectrometry. <i>Journal of the American Chemical Society</i> , 2016, 138, 11254-11263.	13.7	16
15	Divergent Coordination Chemistry: Parallel Synthesis of [2 $\Lambda$ -2] Iron(II) Grid $\Delta$ Complex Tauto $\Delta$ Conformers. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10881-10885.	13.8	41
16	Gas-Phase Photoluminescence Characterization of Stoichiometrically Pure Nonanuclear Lanthanoid Hydroxo Complexes Comprising Europium or Gadolinium. <i>Inorganic Chemistry</i> , 2016, 55, 3316-3323.	4.0	10
17	Photoluminescence Spectroscopy of Mass-Selected Electrosprayed Ions Embedded in Cryogenic Rare-Gas Matrixes. <i>Analytical Chemistry</i> , 2015, 87, 11901-11906.	6.5	5
18	Substitutional Photoluminescence Modulation in Adducts of a Europium Chelate with a Range of Alkali Metal Cations: A Gas-Phase Study. <i>Journal of Physical Chemistry A</i> , 2014, 118, 94-102.	2.5	13

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19	Ion Mobility Spectrometry, Infrared Dissociation Spectroscopy, and ab Initio Computations toward Structural Characterization of the Deprotonated Leucine-Enkephalin Peptide Anion in the Gas Phase. <i>Journal of Physical Chemistry A</i> , 2014, 118, 8453-8463.	2.5	13
20	Characterization of Nonanuclear Europium and Gadolinium Complexes by Gas-Phase Luminescence Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 1727-1731.	4.6	14
21	Effect of Proton Substitution by Alkali Ions on the Fluorescence Emission of Rhodamine B Cations in the Gas Phase. <i>Journal of Physical Chemistry A</i> , 2014, 118, 3787-3794.	2.5	21
22	Intrinsic fluorescence properties of rhodamine cations in gas-phase: triplet lifetimes and dispersed fluorescence spectra. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 8162.	2.8	37
23	Anti-PSMA antibody-coupled gold nanorods detection by optical and electron microscopies. <i>Micron</i> , 2013, 50, 68-74.	2.2	7
24	Gas phase fullerene anions hydrogenation by methanol followed by IRMPA dehydrogenation. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 117-126.	2.8	4
25	Collision induced dissociation of deuterium enriched protonated 2'-deoxyguanosine. <i>European Physical Journal D</i> , 2009, 51, 89-96.	1.3	3
26	Mass spectrometric study of the ionized C <sub>60</sub> : (̢-Cyclodextrin) <sub>2</sub> inclusion complex by collision induced dissociation. <i>Journal of Mass Spectrometry</i> , 2008, 43, 242-250.	1.6	9
27	Coating of gold nanoparticles by thermosensitive poly(N-isopropylacrylamide) end-capped by biotin. <i>Polymer</i> , 2008, 49, 1145-1153.	3.8	88
28	Charge Distribution in 3'-Deoxythymidine-Fullerene: Mass Spectrometry, Laser Excitation, and Computational Studies. <i>Israel Journal of Chemistry</i> , 2007, 47, 25-35.	2.3	1
29	Mass spectrometric characterization of 3'-imino[60]fulleryl-3'-deoxythymidine by collision-induced dissociation. <i>Journal of Mass Spectrometry</i> , 2007, 42, 304-311.	1.6	9
30	Thermometer ions for matrix-enhanced laser desorption/ionization internal energy calibration. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 1847-1854.	1.5	50