

# JosÃ© A Fernandez

## List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Profiling and Imaging of Lipids on Brain and Liver Tissue by Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry Using 2-Mercaptobenzothiazole as a Matrix. <i>Analytical Chemistry</i> , 2008, 80, 9105-9114.	3.2	126
2	Ribose Found in the Gas Phase. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3119-3124.	7.2	97
3	Matrix-assisted laser desorption ionization imaging mass spectrometry in lipidomics. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 29-51.	1.9	80
4	Free Fructose Is Conformationally Locked. <i>Journal of the American Chemical Society</i> , 2013, 135, 2845-2852.	6.6	71
5	High conductance values in $\beta$ -folded molecular junctions. <i>Nature Communications</i> , 2017, 8, 15195.	5.8	54
6	Distribution of lipids in human brain. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 89-101.	1.9	52
7	Six Pyranoside Forms of Free 2-Deoxy-D-ribose. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11840-11845.	7.2	45
8	Conformational equilibria in vanillin and ethylvanillin. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 12486.	1.3	44
9	Anatomical Distribution of Lipids in Human Brain Cortex by Imaging Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 329-338.	1.2	44
10	Binding of S-Methyl-5'-Thioadenosine and S-Adenosyl-L-Methionine to Protein MJ0100 Triggers an Open-to-Closed Conformational Change in Its CBS Motif Pair. <i>Journal of Molecular Biology</i> , 2010, 396, 800-820.	2.0	42
11	Domain Organization, Catalysis and Regulation of Eukaryotic Cystathionine Beta-Synthases. <i>PLoS ONE</i> , 2014, 9, e105290.	1.1	42
12	Exploring microsolvation of the anesthetic propofol. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 4398.	1.3	40
13	Imaging mass spectrometry increased resolution using 2-mercaptobenzothiazole and 2,5-diaminonaphthalene matrices: application to lipid distribution in human colon. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 4697-4708.	1.9	40
14	Unravelling Protein-DNA Interactions at Molecular Level: A DFT and NCI Study. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 523-534.	2.3	35
15	Water Sculpt the Distinctive Shapes and Dynamics of the Tumor-Associated Carbohydrate Tn Antigens: Implications for Their Molecular Recognition. <i>Journal of the American Chemical Society</i> , 2018, 140, 9952-9960.	6.6	33
16	IR/UV and UV/UV double-resonance study of guaiacol and eugenol dimers. <i>Journal of Chemical Physics</i> , 2005, 122, 164304.	1.2	32
17	Shaping Micelles: The Interplay Between Hydrogen Bonds and Dispersive Interactions. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7772-7775.	7.2	31
18	Structural and Vibrational Assignment of p-Methoxyphenethylamine Conformers. <i>Journal of Physical Chemistry A</i> , 2000, 104, 4364-4373.	1.1	30

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19	Structure, binding energy, and intermolecular modes for the aniline/ammonia van der Waals clusters. <i>Journal of Chemical Physics</i> , 1997, 106, 3029-3037.	1.2	29
20	N-Methyl stereochemistry in tropinone: the conformational flexibility of the tropane motif. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 6076.	1.3	27
21	Deciphering the Lipid Architecture of the Rat Sciatic Nerve Using Imaging Mass Spectrometry. <i>ACS Chemical Neuroscience</i> , 2016, 7, 624-632.	1.7	27
22	Tissue-selective alteration of ethanolamine plasmalogen metabolism in dedifferentiated colon mucosa. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 928-938.	1.2	27
23	Identification of Biomarkers of Necrosis in Xenografts Using Imaging Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 244-254.	1.2	26
24	Mimicking anaestheticâ€“receptor interaction: a combined spectroscopic and computational study of propofolâ€“phenol. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 8956.	1.3	25
25	Lipid fingerprint image accurately conveys human colon cell pathophysiologic state: A solid candidate as biomarker. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 1942-1950.	1.2	25
26	Mass spectrometry coupled to imaging techniques: the better the view the greater the challenge. <i>Frontiers in Physiology</i> , 2015, 6, 3.	1.3	24
27	A Spectroscopic and Computational Study of Propofol Dimers and Their Hydrated Clusters. <i>ChemPhysChem</i> , 2012, 13, 3819-3826.	1.0	23
28	Modeling the tyrosineâ€“sugar interactions in supersonic expansions: glucopyranoseâ€“phenol clusters. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 12457-12465.	1.3	23
29	Matrix Sublimation Device for MALDI Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2019, 91, 803-807.	3.2	23
30	Isomer structures and vibrational assignment of the methyl-p-aminobenzoate(H <sub>2</sub> O) <sub>1</sub> complex. <i>Journal of Chemical Physics</i> , 2000, 112, 3170-3180.	1.2	22
31	Molecular recognition in the gas phase: benzocaineâ€“phenol as a model of anaestheticâ€“receptor interaction. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 11608.	1.3	21
32	Neurotransmitter Receptor Localization: From Autoradiography to Imaging Mass Spectrometry. <i>ACS Chemical Neuroscience</i> , 2015, 6, 362-373.	1.7	21
33	Influence of Lipid Fragmentation in the Data Analysis of Imaging Mass Spectrometry Experiments. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 517-526.	1.2	21
34	Structure of the 4-aminobenzonitrile/water complexes. <i>Chemical Physics Letters</i> , 2002, 353, 195-203.	1.2	20
35	Analysis of the Lipidome of Xenografts Using MALDI-IMS and UHPLC-ESI-QTOF. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 1237-1246.	1.2	20
36	Microarray and Mass Spectrometry-Based Methodology for Lipid Profiling of Tissues and Cell Cultures. <i>Analytical Chemistry</i> , 2019, 91, 15967-15973.	3.2	20

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37	Mass-Resolved Infrared Spectroscopy of Complexes without Chromophore by Nonresonant Femtosecond Ionization Detection. <i>Journal of Physical Chemistry A</i> , 2012, 116, 6798-6803.	1.1	19
38	Isomerism of the Aniline Trimer. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15112-15116.	7.2	19
39	S0, S1, and Ion I0 Binding Energies of the p-Methoxyphenethylamine(H2O)1-4 Complexes. <i>Journal of Physical Chemistry A</i> , 2001, 105, 961-968.	1.1	18
40	A combined spectroscopic and theoretical study of propofol $\cdot$ (H2O)3. <i>Journal of Chemical Physics</i> , 2012, 137, 074303.	1.2	18
41	A Spectroscopic Approach to the Solvation of Anesthetics in Jets: Propofol(H2O) <sub>n</sub> , n = 4-6. <i>Journal of Physical Chemistry A</i> , 2012, 116, 8934-8941.	1.1	18
42	Formation of water polyhedrons in propofol-water clusters. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 568-575.	1.3	16
43	Experimental and theoretical study of the structures and binding energies of eugenol (H <sub>2</sub> O) <sub>n</sub> , n=0-2. <i>Journal of Chemical Physics</i> , 2004, 121, 209.	1.2	15
44	IR mass-resolved spectroscopy of complexes without chromophore: Cyclohexanol $\cdot$ (H2O) <sub>n</sub> , n = 1-3 and cyclohexanol dimer. <i>Journal of Chemical Physics</i> , 2013, 139, 174312.	1.2	15
45	Mass resolved IR spectroscopy of aniline-water aggregates. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 27336-27341.	1.3	15
46	High-Resolution Human Kidney Molecular Histology by Imaging Mass Spectrometry of Lipids. <i>Analytical Chemistry</i> , 2021, 93, 9364-9372.	3.2	15
47	Competing hydrogen bonding in methoxyphenols: The rotational spectrum of o-vanillin. <i>Journal of Molecular Spectroscopy</i> , 2011, 267, 112-117.	0.4	14
48	Water Encapsulation by Nanomicelles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12480-12483.	7.2	14
49	Influence of the Anomeric Conformation in the Intermolecular Interactions of Glucose. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 1147-1151.	2.1	14
50	The Six Isomers of the Cyclohexanol Dimer: A Delicate Test for Dispersion Models. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14081-14085.	7.2	14
51	Solvation of cyclopentadienyl and substituted cyclopentadienyl radicals in small clusters. I. Nonpolar solvents. <i>Journal of Chemical Physics</i> , 1999, 110, 5159-5173.	1.2	13
52	Structure and ground and first electronic excited state vibrational modes of the ethyl-p-aminobenzoate conformers. <i>Chemical Physics</i> , 2000, 260, 83-93.	0.9	13
53	Conformational behaviour, hydrogen bond competition and intramolecular dynamics in vanillin derivatives: acetovanillone and 6-hydroxy-3-methoxyacetophenone. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 13310.	1.3	13
54	THE CM-, MM-, AND SUB-MM-WAVE SPECTRUM OF ALLYL ISOCYANIDE AND RADIOASTRONOMICAL OBSERVATIONS IN ORION KL AND THE SgrB2 LINE SURVEYS. <i>Astrophysical Journal</i> , 2013, 777, 120.	1.6	13

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55	Influence of dispersive forces on the final shape of a reverse micelle. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 2241-2245.	1.3	13
56	Rovibronic signatures of molecular aggregation in the gas phase: subtle homochirality trends in the dimer, trimer and tetramer of benzyl alcohol. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 23610-23624.	1.3	13
57	Ferrostatin $\beta$ modulates dysregulated kidney lipids in acute kidney injury. <i>Journal of Pathology</i> , 2022, 257, 285-299.	2.1	13
58	On the $\tilde{A}^1$ and $\tilde{B}^1$ electronic states of NCO and its clusters with nonpolar solvents. <i>Journal of Chemical Physics</i> , 1997, 107, 8813-8822.	1.2	12
59	A theoretical and experimental study of the ethyl-p-aminobenzoate (H <sub>2</sub> O) <sub>n</sub> (n=1-4) complexes. <i>Journal of Chemical Physics</i> , 2000, 113, 8531-8540.	1.2	12
60	Discriminating the structure of exo-2-aminonorborene using nuclear quadrupole coupling interactions. <i>Journal of Chemical Physics</i> , 2011, 134, 164311.	1.2	12
61	Stepwise Nucleation of Aniline: Emergence of Spectroscopic Fingerprints of the Liquid Phase. <i>Chemistry - A European Journal</i> , 2018, 24, 10291-10295.	1.7	12
62	Exploring Hydrogen Bond in Biological Molecules. <i>Journal of the Indian Institute of Science</i> , 2020, 100, 135-154.	0.9	12
63	Binding energy and structure of the ground, first electronic and ion states of p-methoxyphenethylamine(H <sub>2</sub> O) <sub>1</sub> isomers: a combined experimental and theoretical study. <i>Chemical Physics</i> , 2001, 271, 55-69.	0.9	11
64	Influence of the aliphatic chain on the (hydrogen-bonded) p-aminobenzonitrile complexes with methanol and ethanol. <i>Journal of Chemical Physics</i> , 2003, 119, 9513-9522.	1.2	11
65	Combined Experimental and Theoretical Study of the Benzocaine/Ar van der Waals System in Supersonic Expansions. <i>Journal of Physical Chemistry A</i> , 2009, 113, 982-988.	1.1	11
66	Unraveling the Benzocaine-Receptor Interaction at Molecular Level Using Mass-Resolved Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2013, 117, 13472-13480.	1.2	11
67	Influence of the Cation Adducts in the Analysis of Matrix-Assisted Laser Desorption Ionization Imaging Mass Spectrometry Data from Injury Models of Rat Spinal Cord. <i>Analytical Chemistry</i> , 2017, 89, 8565-8573.	3.2	11
68	Exploring Caffeine-Phenol Interactions by the Inseparable Duet of Experimental and Theoretical Data. <i>Chemistry - A European Journal</i> , 2019, 25, 14230-14236.	1.7	11
69	Exploiting Sphingo- and Glycerophospholipid Impairment to Select Effective Drugs and Biomarkers for CMT1A. <i>Frontiers in Neurology</i> , 2020, 11, 903.	1.1	11
70	Optimization of a MALDI-Imaging protocol for studying adipose tissue-associated disorders. <i>Talanta</i> , 2020, 219, 121184.	2.9	11
71	Molecular Recognition, Transient Chirality and Sulfur Hydrogen Bonding in the Benzyl Mercaptan Dimer. <i>Symmetry</i> , 2021, 13, 2022.	1.1	11
72	Experimental determination of phenol (CH <sub>3</sub> F) <sub>1</sub> complex binding energies in the S <sub>0</sub> , S <sub>1</sub> , and I <sub>0</sub> states and comparison with ab initio calculations. <i>Journal of Chemical Physics</i> , 2001, 115, 270-276.	1.2	10

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73	The CBS Domain Protein MJ0729 of <i>Methanocaldococcus jannaschii</i> Is a Thermostable Protein with a pH-Dependent Self-Oligomerization. <i>Biochemistry</i> , 2009, 48, 2760-2776.	1.2	10
74	Femtosecond Excited State Dynamics of Size Selected Neutral Molecular Clusters. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 2797-2802.	2.1	10
75	Removal rates for the collisional quenching of various vibronic levels of ground state NCO by simple molecules (N <sub>2</sub> , O <sub>2</sub> , NO, CO <sub>2</sub> , N <sub>2</sub> O, and SO <sub>2</sub> ). <i>Journal of Chemical Physics</i> , 1997, 106, 7090-7101.	1.2	9
76	ZEKE-PFI Spectroscopy of Benzocaine. <i>Journal of Physical Chemistry A</i> , 2006, 110, 6010-6015.	1.1	9
77	Mimicking anesthetic-receptor interactions in jets: the propofol-isopropanol cluster. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 16968.	1.3	9
78	Optimized Protocol To Analyze Changes in the Lipidome of Xenografts after Treatment with 2-Hydroxyoleic Acid. <i>Analytical Chemistry</i> , 2016, 88, 1022-1029.	3.2	9
79	Competition between stacked and hydrogen bonded structures of cytosine aggregates. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 8826-8834.	1.3	9
80	Confirmation of sub-cellular resolution using oversampling imaging mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 7935-7941.	1.9	9
81	Solvation of the methoxy radical in small clusters. <i>Journal of Chemical Physics</i> , 1997, 107, 3363-3375.	1.2	8
82	Solvation of cyclopentadienyl and substituted cyclopentadienyl radicals in small clusters. II. Cyanocyclopentadienyl with polar solvents. <i>Journal of Chemical Physics</i> , 1999, 110, 5174-5182.	1.2	8
83	Structure and identification of the amino-p-phenethylamine conformers. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 3297-3304.	1.3	8
84	Rotational spectroscopy of antipyretics: Conformation, structure, and internal dynamics of phenazone. <i>Journal of Chemical Physics</i> , 2013, 138, 114304.	1.2	8
85	Magic Numbers in the Solvation of the Propofol Dimer. <i>ChemPhysChem</i> , 2013, 14, 1558-1562.	1.0	8
86	$\text{O}^{\ominus}\text{H}\cdots\text{N}$ and $\text{C}^{\ominus}\text{H}\cdots\text{O}$ Hydrogen Bonds Control Hydration of Pivotal Tropane Alkaloids: Tropinone <sub>2</sub> O Complex. <i>ChemPhysChem</i> , 2014, 15, 918-923.	1.0	8
87	Potential energy surface of fluoroxene: experiment and theory. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 3966-3974.	1.3	8
88	Phenyl- <sup>12</sup> -D-glucopyranoside and Phenyl- <sup>12</sup> -D-galactopyranoside Dimers: Small Structural Differences but Very Different Interactions. <i>Frontiers in Physics</i> , 2018, 6, .	1.0	8
89	Experimental and theoretical study of methyl-p-aminobenzoate/ammonia complexes. I. MAB(NH <sub>3</sub> ) <sub>1</sub> . <i>Journal of Chemical Physics</i> , 2000, 113, 8541-8548.	1.2	7
90	The Distorted Tropane of Scopoline. <i>ChemPhysChem</i> , 2013, 14, 1830-1835.	1.0	7

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91	Sugarâ€“peptidic bond interactions: spectroscopic characterization of a model system. Physical Chemistry Chemical Physics, 2017, 19, 12013-12021.	1.3	7
92	Revisiting the spectroscopy of xanthine derivatives: theobromine and theophylline. Physical Chemistry Chemical Physics, 2019, 21, 26430-26437.	1.3	7
93	Revisiting the Spectroscopy of Water Dimer in Jets. Journal of Physical Chemistry Letters, 2021, 12, 1316-1320.	2.1	7
94	Laser mass-resolved spectroscopy and theoretical study of methyl-p-aminobenzoate(H <sub>2</sub> O) <sub>n</sub> (n=2,3,4) complexes. Journal of Chemical Physics, 2000, 113, 5804-5811.	1.2	6
95	Structural Studies of Nicotinoids: Cotinine versus Nicotine. Chemistry - A European Journal, 2017, 23, 7238-7244.	1.7	6
96	Isomerism of the Aniline Trimer. Angewandte Chemie, 2018, 130, 15332-15336.	1.6	6
97	Imaging Mass Spectrometryâ€“Based Lipidomic Approach to Classification of Architectural FeaturesÂ“in Nevii. Journal of Investigative Dermatology, 2019, 139, 2055-2058.e7.	0.3	6
98	Direct Measurements of Removal Rates of CFCI(XÌfAâ€“(0,0,0)) and CFCI(XÌf1Aâ€“(0,1,0)) by Simple Alkenes. The Journal of Physical Chemistry, 1996, 100, 12305-12310.	2.9	5
99	Solvation of cyclopentadienyl and substituted cyclopentadienyl radicals in small clusters. III. Pre-reactive clusters. Journal of Chemical Physics, 1999, 110, 5183-5188.	1.2	5
100	Experimental and theoretical study of methyl-p-aminobenzoate/ammonia complexes. II. MAB(NH <sub>3</sub> ) <sub>2</sub> â€“4. Journal of Chemical Physics, 2000, 113, 8549-8555.	1.2	5
101	Scopine Isolated in the Gas Phase. ChemPhysChem, 2016, 17, 3030-3034.	1.0	5
102	Understanding the role of tyrosine in glycogenin. Molecular BioSystems, 2017, 13, 1709-1712.	2.9	5
103	Mapping Lipid Distribution in Rat Sciatic Nerve Using Imaging Mass Spectrometry. Methods in Molecular Biology, 2018, 1791, 51-65.	0.4	5
104	Excited state dynamics of aniline homoclusters. Physical Chemistry Chemical Physics, 2019, 21, 3098-3105.	1.3	5
105	Improving Spatial Resolution of a LTQ Orbitrap MALDI Source. Journal of the American Society for Mass Spectrometry, 2020, 31, 1755-1758.	1.2	5
106	Solvation of Radicals in Small Clusters. , 1999, , 71-109.		5
107	Polyunsaturated Fatty Acid-Enriched Lipid Fingerprint of Glioblastoma Proliferative Regions Is Differentially Regulated According to Glioblastoma Molecular Subtype. International Journal of Molecular Sciences, 2022, 23, 2949.	1.8	5
108	Direct Measurements of Removal Rates of CHF(XËœ1Aâ€“(0,1,0)) by Simple Alkenes. Laser Chemistry, 1992, 12, 43-52.	0.5	4

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109	Reply to the Comment on "Structural and Vibrational Assignment of p-Methoxyphenethylamine Conformers". <i>Journal of Physical Chemistry A</i> , 2001, 105, 9993-9994.	1.1	4
110	Porous silicon surfaces for metabonomics: Detection and identification of nucleotides without matrix interference. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2007, 4, 2185-2189.	0.8	4
111	Purification, crystallization and preliminary X-ray diffraction analysis of the CBS-domain pair from the <i>Methanococcus jannaschii</i> protein MJ0100. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2008, 64, 936-941.	0.7	4
112	Molecular hydration of propofol dimers in supersonic expansions: formation of active centre-like structures. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 23301-23307.	1.3	4
113	Lyso-Sulfatide Binds Factor Xa and Inhibits Thrombin Generation by the Prothrombinase Complex. <i>PLoS ONE</i> , 2015, 10, e0135025.	1.1	4
114	A Drastic Shift in Lipid Adducts in Colon Cancer Detected by MALDI-HMS Exposes Alterations in Specific K <sup>+</sup> Channels. <i>Cancers</i> , 2021, 13, 1350.	1.7	4
115	Transition from Planar to Nonplanar Hydrogen Bond Networks in the Solvation of Aromatic Dimers: Propofol <sub>2</sub> -(H <sub>2</sub> O) <sub>2</sub> . <i>Journal of Physical Chemistry A</i> , 2013, 117, 3396-3404.	1.1	3
116	Behind the Reactivity of Lactones: A Computational and Spectroscopic Study of Phenol- <i>l</i> -Butyrolactone. <i>Journal of Physical Chemistry A</i> , 2014, 118, 2568-2575.	1.1	3
117	Conformational landscape of isolated capped amino acids: on the nature of non-covalent interactions. <i>European Physical Journal D</i> , 2017, 71, 1.	0.6	3
118	Exploration of the theobromine-water dimer: comparison with DNA microhydration. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 15759-15768.	1.3	3
119	A UHPLC-Mass Spectrometry View of Human Melanocytic Cells Uncovers Potential Lipid Biomarkers of Melanoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12061.	1.8	3
120	A Computational Study of the Structures of the p-Methoxyphenethylamine(H <sub>2</sub> O) <sub>2-4</sub> Complexes. <i>Journal of Physical Chemistry A</i> , 2001, 105, 11524-11530.	1.1	2
121	Structural Distortion of the Epoxy Groups in Norbornanes: A Rotational Study of <i>exo</i> - <i>endo</i> -Epoxy-norbornane. <i>ChemPhysChem</i> , 2015, 16, 2609-2614.	1.0	2
122	Influence of the solvent in the electronic excitation of aromatic alcohols: Excited state IR-UV of propofol(H <sub>2</sub> O) <sub>8</sub> . <i>Journal of Chemical Physics</i> , 2019, 150, 214306.	1.2	2
123	Exploring Epigenetic Marks by Analysis of Noncovalent Interactions. <i>ChemBioChem</i> , 2021, 22, 408-415.	1.3	2
124	Exploring the Influence of Intermolecular Interactions in Prebiotic Chemistry Using Laser Spectroscopy and Calculations. <i>Chemistry - A European Journal</i> , 2021, 28, e202103636.	1.7	2
125	A REMPI and ZEKE-PFI study of 4-amino-3-ethylbenzonitrile. <i>Chemical Physics Letters</i> , 2006, 425, 35-39.	1.2	1
126	Descifrando la anatomía molecular de un tejido mediante análisis lipídico por espectrometría de masas. <i>Gaceta Medica De Bilbao</i> , 2009, 106, 77-84.	0.0	0



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127	Evaluation of the aggregation process in a mixture of propofol and benzocaine. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 3537-3544.	1.3	0
128	Noncovalent interactions in isolated molecular aggregates: From single molecules to nanostructures. , 2021, , 143-188.		0
129	The Six Isomers of the Cyclohexanol Dimer: A Delicate Test for Dispersion Models. <i>Angewandte Chemie</i> , 2020, 132, 14185-14189.	1.6	0