

# Gustavo Moriena

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

1,553  
citations

759233

12  
h-index

940533

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

2205  
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of counterion effects and dimensionality reduction in single-crystal (EDO-TTF) <sub>2</sub> SbF <sub>6</sub> with ultrafast electron diffraction. EPJ Web of Conferences, 2019, 205, 04007.	0.3	0
2	Direct observation of structural dynamics upon photo-excitation in a spin crossover crystal with femtosecond electron diffraction. EPJ Web of Conferences, 2019, 205, 07005.	0.3	0
3	Structural Dynamics upon Photoexcitation in a Spin Crossover Crystal Probed with Femtosecond Electron Diffraction. Angewandte Chemie - International Edition, 2017, 56, 7130-7134.	13.8	43
4	Ultrafast electron diffraction study of single-crystal (EDO-TTF) <sub>2</sub> SbF <sub>6</sub> : Counterion effect and dimensionality reduction. Chemical Physics Letters, 2017, 683, 160-165.	2.6	12
5	Structural Dynamics upon Photoexcitation in a Spin Crossover Crystal Probed with Femtosecond Electron Diffraction. Angewandte Chemie, 2017, 129, 7236-7240.	2.0	7
6	Direct longitudinal laser acceleration of electrons in free space. Physical Review Accelerators and Beams, 2016, 19, .	1.6	73
7	Ultrabright Femtosecond Electron Sources: Ultrafast Structural Dynamics in Labile Organic Crystals. Microscopy and Microanalysis, 2015, 21, 1207-1208.	0.4	1
8	Terahertz-driven linear electron acceleration. Nature Communications, 2015, 6, 8486.	12.8	461
9	Cold ablation driven by localized forces in alkali halides. Nature Communications, 2014, 5, 3863.	12.8	41
10	Mapping molecular motions leading to charge delocalization with ultrabright electrons. Nature, 2013, 496, 343-346.	27.8	240
11	Full characterization of RF compressed femtosecond electron pulses using ponderomotive scattering. Optics Express, 2012, 20, 12048.	3.4	106
12	Femtosecond electron diffraction: Preparation and characterization of (110)-oriented bismuth films. Journal of Applied Physics, 2012, 111, 043504.	2.5	20
13	Femtosecond Electron Diffraction for the Study of Charge Density Waves. , 2012, , .		0
14	Water-Soluble Conjugated Polyelectrolytes with Branched Polyionic Side Chains. Macromolecules, 2011, 44, 4742-4751.	4.8	38
15	'Making the molecular movie': first frames. Acta Crystallographica Section A: Foundations and Advances, 2010, 66, 137-156.	0.3	84
16	Snapshots of cooperative atomic motions in the optical suppression of charge density waves. Nature, 2010, 468, 799-802.	27.8	373
17	Thermal effects on the electric deflection of toluene molecules. Chemical Physics Letters, 2008, 467, 14-17.	2.6	7
18	Dynamical pathways for isomerization processes in the water nonamer. Chemical Physics Letters, 2002, 356, 147-152.	2.6	9

#	ARTICLE	IF	CITATIONS
19	Evaluation of the protective properties of natural and artificial patinas on copper. Part I. Patinas formed by immersion. Corrosion Science, 1999, 41, 625-651.	6.6	38