

# AndrÃ© Farias de Moura

## List of Publications by Year in descending order

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31  
papers

2,014  
citations

623188

14  
h-index

500791

28  
g-index

33  
all docs

33  
docs citations

33  
times ranked

2293  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enantiomer-dependent immunological response to chiral nanoparticles. <i>Nature</i> , 2022, 601, 366-373.	13.7	243
2	Chiral phonons in microcrystals and nanofibrils of biomolecules. <i>Nature Photonics</i> , 2022, 16, 366-373.	15.6	46
3	Polarization-sensitive optoionic membranes from chiral plasmonic nanoparticles. <i>Nature Nanotechnology</i> , 2022, 17, 408-416.	15.6	83
4	Graphitic carbon nitrides as platforms for single-atom photocatalysis. <i>Faraday Discussions</i> , 2021, 227, 306-320.	1.6	25
5	Enhanced optical asymmetry in supramolecular chiroplasmonic assemblies with long-range order. <i>Science</i> , 2021, 371, 1368-1374.	6.0	168
6	Solvent Effect on the Regulation of Urea Hydrolysis Reactions by Copper Complexes. <i>Chemistry</i> , 2020, 2, 525-544.	0.9	2
7	Emergence of complexity in hierarchically organized chiral particles. <i>Science</i> , 2020, 368, 642-648.	6.0	179
8	Self-Assembled Gold Arrays That Allow Rectification by Nanoscale Selectivity. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17418-17424.	7.2	14
9	Bulkiness as a design element to increase the rigidity and macrodipole of supramolecular polymers. <i>Journal of Molecular Liquids</i> , 2019, 286, 110937.	2.3	0
10	Electrostatic potential and counterion partition between flat and spherical interfaces. <i>Journal of Chemical Physics</i> , 2019, 150, 074704.	1.2	3
11	10.1063/1.5078686.1. , 2019, , .		0
12	Chiro-magnetic nanoparticles and gels. <i>Science</i> , 2018, 359, 309-314.	6.0	201
13	Chiral recognition of liquid phase dimers from gamma-valerolactone racemic mixture. <i>Journal of Molecular Modeling</i> , 2018, 24, 215.	0.8	1
14	Site-selective photoinduced cleavage and profiling of DNA by chiral semiconductor nanoparticles. <i>Nature Chemistry</i> , 2018, 10, 821-830.	6.6	189
15	Two different pathways for assembling bis-urea in benzene and toluene. <i>Journal of Molecular Modeling</i> , 2018, 24, 154.	0.8	3
16	Chiral Inorganic Nanostructures. <i>Chemical Reviews</i> , 2017, 117, 8041-8093.	23.0	656
17	Optical anisotropy and sign reversal in layer-by-layer assembled films from chiral nanoparticles. <i>Faraday Discussions</i> , 2016, 191, 141-157.	1.6	9
18	Surface Electrostatic Potential and Water Orientation in the presence of Sodium Octanoate Dilute Monolayers Studied by Means of Molecular Dynamics Simulations. <i>Langmuir</i> , 2015, 31, 10995-11004.	1.6	16

#	ARTICLE	IF	CITATIONS
19	Thermodynamic insights into the self-assembly of capped nanoparticles using molecular dynamic simulations. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 3820-3831.	1.3	13
20	Nanocrystals self-assembled in superlattices directed by the solvent-organic capping interaction. <i>Nanoscale</i> , 2013, 5, 5602-5610.	2.8	28
21	Aggregation Thermodynamics of Sodium Octanoate Micelles Studied by Means of Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2013, 117, 7324-7334.	1.2	20
22	Investigating the spontaneous formation of SDS micelle in aqueous solution using a coarse-grained force field. <i>Quimica Nova</i> , 2012, 35, 978-981.	0.3	14
23	Solvation of Sodium Octanoate Micelles in Concentrated Urea Solution Studied by Means of Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2011, 115, 14582-14590.	1.2	12
24	Antimony-Doped Tin Oxide Nanocrystals: Synthesis and Solubility Behavior in Organic Solvents. <i>ChemPhysChem</i> , 2009, 10, 841-846.	1.0	15
25	A mechanism for the stabilization of the secondary structure of a peptide by liquid ethylene glycol and its aqueous solutions. <i>Computational and Theoretical Chemistry</i> , 2007, 808, 93-96.	1.5	8
26	Revisiting the internal conformational dynamics and solvation properties of cyclodextrins. <i>Journal of the Brazilian Chemical Society</i> , 2007, 18, 951-961.	0.6	8
27	Análise de imagem em química analítica: empregando metodologias simples e didáticas para entender e prevenir o escurecimento de tecidos vegetais. <i>Quimica Nova</i> , 2005, 28, 548-554.	0.3	8
28	Molecular dynamics simulation of the sodium octanoate micelle in aqueous solution. <i>Chemical Physics Letters</i> , 2005, 411, 474-478.	1.2	22
29	Molecular Dynamics Simulation of a Perylene-Derivative Langmuir Film. <i>Journal of Physical Chemistry B</i> , 2005, 109, 4032-4041.	1.2	10
30	Molecular Dynamics simulation of the sodium octanoate micelle in aqueous solution: comparison of force field parameters and molecular topology effects on the micellar structure. <i>Brazilian Journal of Physics</i> , 2004, 34, 64-72.	0.7	16
31	A inovação tecnológica e o avanço científico: a química em perspectiva. <i>Quimica Nova</i> , 2000, 23, 851-853.	0.3	1