

# Lucia Sessa

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

773  
citations

516710

16  
h-index

526287

27  
g-index

48  
all docs

48  
docs citations

48  
times ranked

867  
citing authors

#	ARTICLE	IF	CITATIONS
1	Alkane-priming of <i>Beauveria bassiana</i> strains to improve biocontrol of the redbanded stink bug <i>Piezodorus guildinii</i> and the bronze bug <i>Thaumastocoris peregrinus</i> . <i>Journal of Invertebrate Pathology</i> , 2022, 187, 107700.	3.2	4
2	A Water Soluble 2-Phenyl-5-(pyridin-3-yl)-1,3,4-oxadiazole Based Probe: Antimicrobial Activity and Colorimetric/Fluorescence pH Response. <i>Molecules</i> , 2022, 27, 1824.	3.8	5
3	<i>Pseudofusicoccum</i> sp. causing shoot canker in peach in Uruguay. <i>Australasian Plant Disease Notes</i> , 2021, 16, 1.	0.7	1
4	Epicuticular hydrocarbons of the redbanded stink bug <i>Piezodorus guildinii</i> (Heteroptera: Coreidae) on soybean crops. <i>Pest Management Science</i> , 2021, 77, 4892-4902.	3.4	7
5	A selective Nile Red based solvatochromic probe: A study of fluorescence in LUVs and GUVs model membranes. <i>Dyes and Pigments</i> , 2021, 196, 109759.	3.7	6
6	Luminescent Zn (II)-Based Nanoprobes: A Highly Symmetric Supramolecular Platform for Sensing of Biological Targets and Living Cell Imaging. <i>Frontiers in Materials</i> , 2021, 8, .	2.4	3
7	Hydroxylated Fatty Acids: The Role of the Sphingomyelin Synthase and the Origin of Selectivity. <i>Membranes</i> , 2021, 11, 787.	3.0	12
8	A Flavone-Based Solvatochromic Probe with A Low Expected Perturbation Impact on the Membrane Physical State. <i>Molecules</i> , 2020, 25, 3458.	3.8	5
9	Study of the Interaction of a Novel Semi-Synthetic Peptide with Model Lipid Membranes. <i>Membranes</i> , 2020, 10, 294.	3.0	9
10	Pseudo-semantic Approach to Study Model Membranes. <i>Lecture Notes in Bioengineering</i> , 2020, , 120-127.	0.4	3
11	Encoding Materials Dynamics for Machine Learning Applications. <i>Lecture Notes in Bioengineering</i> , 2020, , 128-136.	0.4	3
12	Molecular Dynamics Simulation of Antimicrobial Permeable PVC-Based Films. <i>Lecture Notes in Bioengineering</i> , 2020, , 111-119.	0.4	0
13	Fluorescence pH-dependent sensing of Zn(II) by a tripodal ligand. A comparative X-ray and DFT study. <i>Journal of Luminescence</i> , 2019, 212, 200-206.	3.1	34
14	Plausible Emergence of Autocatalytic Cycles under Prebiotic Conditions. <i>Life</i> , 2019, 9, 33.	2.4	6
15	Molecular Dynamics and Morphing Protocols for High Accuracy Molecular Docking. <i>Lecture Notes in Bioengineering</i> , 2018, , 85-96.	0.4	3
16	Understanding Conformational Dynamics of Complex Lipid Mixtures Relevant to Biology. <i>Journal of Membrane Biology</i> , 2018, 251, 609-631.	2.1	33
17	Fragment Based Molecular Dynamics for Drug Design. <i>Communications in Computer and Information Science</i> , 2018, , 49-58.	0.5	1
18	Diversity of fungal latent pathogens and true endophytes associated with fruit trees in Uruguay. <i>Journal of Phytopathology</i> , 2018, 166, 633-647.	1.0	32

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19	Transmembrane Peptides as Sensors of the Membrane Physical State. <i>Frontiers in Physics</i> , 2018, 6, .	2.1	10
20	Solid-State Highly Efficient DR Mono and Poly-dicyano-phenylenevinylene Fluorophores. <i>Molecules</i> , 2018, 23, 1505.	3.8	28
21	AIE/ACQ Effects in Two DR/NIR Emitters: A Structural and DFT Comparative Analysis. <i>Molecules</i> , 2018, 23, 1947.	3.8	37
22	Photophysical Properties of Luminescent Zinc(II)-Pyridinyloxadiazole Complexes and their Glassy Self-Assembly Networks. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2709-2716.	2.0	33
23	A novel dicyano-phenylenevinylene red emitting organic dye. , 2018, , .		0
24	Oxadiazole-carbazole polymer (POC)-Ir(ppy) <sub>3</sub> tunable emitting composites. <i>Optical Materials</i> , 2017, 66, 166-170.	3.6	5
25	Computational study on human sphingomyelin synthase 1 (hSMS1). <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 1517-1525.	2.6	17
26	A novel fluorescent solvatochromic probe for lipid bilayers. <i>Supramolecular Chemistry</i> , 2017, 29, 887-895.	1.2	30
27	Structure Modification of an Active Azo-Compound as a Route to New Antimicrobial Compounds. <i>Molecules</i> , 2017, 22, 875.	3.8	36
28	Synthesis and Antimicrobial Studies of New Antibacterial Azo-Compounds Active against <i>Staphylococcus aureus</i> and <i>Listeria monocytogenes</i> . <i>Molecules</i> , 2017, 22, 1372.	3.8	37
29	Antimicrobial azobenzene compounds and their potential use in biomaterials. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	11
30	Botryosphaeriaceae species associated with wood diseases of stone and pome fruits trees: symptoms and virulence across different hosts in Uruguay. <i>European Journal of Plant Pathology</i> , 2016, 146, 519-530.	1.7	27
31	A New Flexible Protocol for Docking Studies. <i>Communications in Computer and Information Science</i> , 2016, , 117-126.	0.5	2
32	Novel Algorithm for Efficient Distribution of Molecular Docking Calculations. <i>Communications in Computer and Information Science</i> , 2016, , 65-74.	0.5	2
33	Models for the Prediction of Antimicrobial Peptides Activity. <i>Communications in Computer and Information Science</i> , 2016, , 83-91.	0.5	1
34	Yada: a novel tool for molecular docking calculations. <i>Journal of Computer-Aided Molecular Design</i> , 2016, 30, 753-759.	2.9	14
35	Biodegradable antimicrobial films based on poly(lactic acid) matrices and active azo compounds. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	29
36	Electrical Hole Transport Properties of an Ambipolar Organic Compound With Zn-Atoms on a Crystalline Silicon Heterostructure. <i>IEEE Journal of the Electron Devices Society</i> , 2014, 2, 179-181.	2.1	14

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37	White light-emitting nanocomposites based on an oxadiazole-carbazole copolymer (POC) and InP/ZnS quantum dots. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	22
38	Small azobenzene derivatives active against bacteria and fungi. <i>European Journal of Medicinal Chemistry</i> , 2013, 68, 178-184.	5.5	39
39	Novel antimicrobial polymer films active against bacteria and fungi. <i>Polymer Composites</i> , 2013, 34, 1489-1492.	4.6	25
40	Antimicrobial polymer films for food packaging. <i>AIP Conference Proceedings</i> , 2012, , .	0.4	5
41	YADAMP: yet another database of antimicrobial peptides. <i>International Journal of Antimicrobial Agents</i> , 2012, 39, 346-351.	2.5	170
42	<i>Phomopsis cotoneastri</i> as a Pathogen Associated with Trunk Cankers and Death of Young Apple Trees cv. Cripps Pink. <i>Journal of Phytopathology</i> , 2012, 160, 434-436.	1.0	7