

Ljubica Tasic

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8584443/publications.pdf>

Version: 2024-02-01

124
papers

2,172
citations

293460

24
h-index

312153

41
g-index

128
all docs

128
docs citations

128
times ranked

3562
citing authors

#	ARTICLE	IF	CITATIONS
1	Immobilized commercial cellulases onto amino-functionalized magnetic beads for biomass hydrolysis: enhanced stability by non-polar silanization. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 9265-9275.	2.9	12
2	Hesperetin targets the hydrophobic pocket of the nucleoprotein/phosphoprotein binding site of human respiratory syncytial virus. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 2156-2168.	2.0	6
3	Sampling and Sample Preparation in Bioanalysis. , 2022, , 53-82.		1
4	Nuclear Magnetic Resonance Spectroscopy in Analyses of Biological Samples. , 2022, , 203-221.		1
5	Activity of <i>Fusarium oxysporum</i> -Based Silver Nanoparticles on <i>Candida</i> spp. Oral Isolates. <i>Nanomaterials</i> , 2022, 12, 501.	1.9	10
6	Insights of green and biosynthesis of nanoparticles. , 2022, , 61-90.		0
7	A Metabonomic View on Wilms Tumor by High-Resolution Magic-Angle Spinning Nuclear Magnetic Resonance Spectroscopy. <i>Diagnostics</i> , 2022, 12, 157.	1.3	0
8	Inactivation of <i>Escherichia coli</i> Using Biogenic Silver Nanoparticles and Ultraviolet (UV) Radiation in Water Disinfection Processes. <i>Catalysts</i> , 2022, 12, 430.	1.6	4
9	High-Resolution Magic-Angle Spinning NMR Spectroscopy for Evaluation of Cell Shielding by Virucidal Composites Based on Biogenic Silver Nanoparticles, Flexible Cellulose Nanofibers and Graphene Oxide. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, .	2.0	3
10	Circulating Metabolites as Biomarkers of Disease in Patients with Mesial Temporal Lobe Epilepsy. <i>Metabolites</i> , 2022, 12, 446.	1.3	1
11	Effects of Psychostimulants and Antipsychotics on Serum Lipids in an Animal Model for Schizophrenia. <i>Biomedicines</i> , 2021, 9, 235.	1.4	17
12	Applications of Silver Nanoparticles in Dentistry: Advances and Technological Innovation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2485.	1.8	54
13	Hesperetin as an inhibitor of the snake venom serine protease from <i>Bothrops jararaca</i> . <i>Toxicon</i> , 2021, 198, 64-72.	0.8	7
14	A system biology approach based on metabolic biomarkers and protein-protein interactions for identifying pathways underlying schizophrenia and bipolar disorder. <i>Scientific Reports</i> , 2021, 11, 14450.	1.6	4
15	Multi-target drug with potential applications: violacein in the spotlight. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 151.	1.7	19
16	Magnetic Nanomaterials as Biocatalyst Carriers for Biomass Processing: Immobilization Strategies, Reusability, and Applications. <i>Magnetochemistry</i> , 2021, 7, 133.	1.0	16
17	Enzyme-functionalised, core/shell magnetic nanoparticles for selective pH-triggered sucrose capture. <i>RSC Advances</i> , 2021, 11, 4701-4712.	1.7	7
18	Metabolomics in degenerative brain diseases. <i>Brain Research</i> , 2021, 1773, 147704.	1.1	9

#	ARTICLE	IF	CITATIONS
19	Serum Metabolic Profiles Based on Nuclear Magnetic Resonance Spectroscopy among Patients with Deep Vein Thrombosis and Healthy Controls. <i>Metabolites</i> , 2021, 11, 874.	1.3	8
20	Biogenic nanomaterials for photocatalytic degradation and water disinfection: a review. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 3195-3213.	1.2	18
21	New Sustainable Process for Hesperidin Isolation and Anti-Ageing Effects of Hesperidin Nanocrystals. <i>Molecules</i> , 2020, 25, 4534.	1.7	45
22	Serum and Muscle ¹ H NMR-Based Metabolomics Profiles Reveal Metabolic Changes Influenced by a Maternal Leucine-Rich Diet in Tumor-Bearing Adult Offspring Rats. <i>Nutrients</i> , 2020, 12, 2106.	1.7	6
23	Hepatoblastomas exhibit marked <i>DNMT3A</i> downregulation driven by promoter DNA hypermethylation. <i>Tumor Biology</i> , 2020, 42, 101042832097712.	0.8	11
24	Insights in Osteosarcoma by Proton Nuclear Magnetic Resonance Serum Metabonomics. <i>Frontiers in Oncology</i> , 2020, 10, 506959.	1.3	9
25	Virulence Factors in the Phytopathogen-Host Interactions: An Overview. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 7555-7570.	2.4	58
26	Analytical Tools for Lipid Assessment in Biological Assays. , 2020, , .		4
27	Insights into Interactions of Flavanones with Target Human Respiratory Syncytial Virus M2-1 Protein from STD-NMR, Fluorescence Spectroscopy, and Computational Simulations. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2241.	1.8	15
28	Insights into the Effects of Crack Abuse on the Human Metabolome Using a NMR Approach. <i>Journal of Proteome Research</i> , 2019, 18, 341-348.	1.8	17
29	Nanotoxicity and Dermal Application of Nanostructured Lipid Carrier Loaded with Hesperidin from Orange Residue. <i>Journal of Physics: Conference Series</i> , 2019, 1323, 012021.	0.3	9
30	Poly(3-hydroxi-butyrate-co-3-hydroxy-valerate) (PHB-HV) microparticles loaded with holmium acetylacetonate as potential contrast agents for magnetic resonance images. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 6869-6889.	3.3	2
31	Peripheral biomarkers allow differential diagnosis between schizophrenia and bipolar disorder. <i>Journal of Psychiatric Research</i> , 2019, 119, 67-75.	1.5	31
32	Advances and challenges in development of precision psychiatry through clinical metabolomics on mood and psychotic disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 93, 182-188.	2.5	23
33	Biogenic Silver Nanoparticles as a Post-surgical Treatment for <i>Corynebacterium pseudotuberculosis</i> Infection in Small Ruminants. <i>Frontiers in Microbiology</i> , 2019, 10, 824.	1.5	28
34	Metabolomic Biomarkers in Mental Disorders: Bipolar Disorder and Schizophrenia. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1118, 271-293.	0.8	16
35	Insights into the Chemical Biology of Childhood Embryonal Solid Tumors by NMR-Based Metabolomics. <i>Biomolecules</i> , 2019, 9, 843.	1.8	8
36	Impact of nuclear distribution element genes in the typical and atypical antipsychotics effects on nematode <i>Caenorhabditis elegans</i> : Putative animal model for studying the pathways correlated to schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 92, 19-30.	2.5	7

#	ARTICLE	IF	CITATIONS
37	SÃntese, estudo de interaÃÃes e aplicaÃÃes de nanopartÃculas de prata da casca de laranja. Revista Dos Trabalhos De IniciaÃÃo CientÃfica Da UNICAMP, 2019, , .	0.0	0
38	Biotechnological application of biological yeast's invertase. Revista Dos Trabalhos De IniciaÃÃo CientÃfica Da UNICAMP, 2019, , .	0.0	0
39	Metabonomic analysis of the blood serum of crack resocialization process. Revista Dos Trabalhos De IniciaÃÃo CientÃfica Da UNICAMP, 2019, , .	0.0	0
40	AÃÃo antimicrobiana de nanopartÃculas de ouro. Revista Dos Trabalhos De IniciaÃÃo CientÃfica Da UNICAMP, 2019, , .	0.0	0
41	Comparison of the Serum Metabolic Signatures Based on 1 H NMR between Thrombotic Antiphospholipid Syndrome (APS) Patients and Healthy Individuals. Blood, 2019, 134, 5769-5769.	0.6	1
42	Soda lignin from Citrus sinensis bagasse: extraction, NMR characterization and application in bio-based synthesis of silver nanoparticles. Energy, Ecology and Environment, 2018, 3, 87-94.	1.9	4
43	Qualitative and Quantitative NMR Approaches in Blood Serum Lipidomics. Methods in Molecular Biology, 2018, 1735, 365-379.	0.4	12
44	Citrus bioflavonoid, hesperetin, as inhibitor of two thrombin-like snake venom serine proteases isolated from Crotalus simus. Toxicon, 2018, 143, 36-43.	0.8	19
45	Biochemical and biophysical characterization of a mycoredoxin protein glutaredoxin A1 from Corynebacterium pseudotuberculosis. International Journal of Biological Macromolecules, 2018, 107, 1999-2007.	3.6	6
46	NMR insights on nano silver post-surgical treatment of superficial caseous lymphadenitis in small ruminants. RSC Advances, 2018, 8, 40778-40786.	1.7	12
47	Anticancer Activities of Hesperidin and Hesperetin In vivo and their Potentiality against Bladder Cancer. Journal of Nanomedicine & Nanotechnology, 2018, 09, .	1.1	22
48	Development and characterisation of polymeric microparticle of poly(D,L-lactic acid) loaded with holmium acetylacetonate. Journal of Microencapsulation, 2018, 35, 281-291.	1.2	3
49	Bio-based synthesis of silver nanoparticles from orange waste: effects of distinct biomolecule coatings on size, morphology, and antimicrobial activity. Nanotechnology, Science and Applications, 2018, Volume 11, 1-14.	4.6	88
50	Biogenic Nanosilver against Multidrug-Resistant Bacteria (MDRB). Antibiotics, 2018, 7, 69.	1.5	88
51	High value-added products from the orange juice industry waste. Waste Management, 2018, 79, 71-78.	3.7	84
52	Applications of Flavonoids, With an Emphasis on Hesperidin, as Anticancer Prodrugs: Phytotherapy as an Alternative to Chemotherapy. Studies in Natural Products Chemistry, 2018, , 161-212.	0.8	13
53	Synthesis of cyclodextrin polymers containing glutamic acid and their use for the synthesis of Ag nanoparticles. Carbohydrate Polymers, 2018, 202, 11-19.	5.1	14
54	A multistep mild process for preparation of nanocellulose from orange bagasse. Cellulose, 2018, 25, 5739-5750.	2.4	43

#	ARTICLE	IF	CITATIONS
55	Inhibition of thioredoxin A1 from <i>Corynebacterium pseudotuberculosis</i> by polyanions and flavonoids. <i>International Journal of Biological Macromolecules</i> , 2018, 117, 1066-1073.	3.6	1
56	Chaperone-Assisted Secretion in Bacteria: Protein and DNA Transport <i>via</i> Cell Membranes. <i>Current Proteomics</i> , 2018, 16, 54-63.	0.1	1
57	Analytical approaches for lipidomics and its potential applications in neuropsychiatric disorders. <i>World Journal of Biological Psychiatry</i> , 2017, 18, 506-520.	1.3	34
58	Lipidomics, Biomarkers, and Schizophrenia: A Current Perspective. <i>Advances in Experimental Medicine and Biology</i> , 2017, 965, 265-290.	0.8	15
59	Discovery of small molecule inhibitors for the snake venom metalloprotease BaP1 using <i>in silico</i> and <i>in vitro</i> tests. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 2018-2022.	1.0	5
60	Antimicrobial textiles: Biogenic silver nanoparticles against <i>Candida</i> and <i>Xanthomonas</i> . <i>Materials Science and Engineering C</i> , 2017, 75, 582-589.	3.8	119
61	¹ H-NMR, ¹ H-NMR T2-edited, and 2D-NMR in bipolar disorder metabolic profiling. <i>International Journal of Bipolar Disorders</i> , 2017, 5, 23.	0.8	23
62	NMR Spectroscopy Metabolomics Applied to Crack Cocaine Users and Patients with Schizophrenia: Similar Behavior but Different Molecular Causes. <i>ChemistrySelect</i> , 2017, 2, 2927-2930.	0.7	4
63	Metabolomics and lipidomics analyses by ¹ H nuclear magnetic resonance of schizophrenia patient serum reveal potential peripheral biomarkers for diagnosis. <i>Schizophrenia Research</i> , 2017, 185, 182-189.	1.1	35
64	NMR-based metabolomics strategies: plants, animals and humans. <i>Analytical Methods</i> , 2017, 9, 1078-1096.	1.3	54
65	A preliminary study of bipolar disorder type I by mass spectrometry-based serum lipidomics. <i>Psychiatry Research</i> , 2017, 258, 268-273.	1.7	33
66	¹ H NMR Metabolomic Profiling of Human and Animal Blood Serum Samples. <i>Methods in Molecular Biology</i> , 2017, 1546, 275-282.	0.4	10
67	Orange Biomass By-products. <i>Revista Virtual De Quimica</i> , 2017, 9, 176-191.	0.1	9
68	<i>In vitro</i> Determination of Extracellular Proteins from <i>Xylella fastidiosa</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 2090.	1.5	15
69	Low-Cost Enzymes and Their Applications in Bioenergy Sector <i>—</i> <i>â€¦.</i> , 2016, , 111-131.		1
70	Elucidating Protein Involvement in the Stabilization of the Biogenic Silver Nanoparticles. <i>Nanoscale Research Letters</i> , 2016, 11, 313.	3.1	87
71	Metabolomics by NMR Spectroscopy in Plant Disease diagnostic: Huanglongbing as a Case Study. <i>ChemistrySelect</i> , 2016, 1, 1176-1178.	0.7	11
72	Advances in <i>Chromobacterium violaceum</i> and properties of violacein-Its main secondary metabolite: A review. <i>Biotechnology Advances</i> , 2016, 34, 1030-1045.	6.0	126

#	ARTICLE	IF	CITATIONS
73	VapD in <i>Xylella fastidiosa</i> Is a Thermostable Protein with Ribonuclease Activity. PLoS ONE, 2015, 10, e0145765.	1.1	8
74	Editorial (Thematic Issue: Monitoring Protein-Protein, Protein-DNA, and Protein-Ligand Interactions In) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.9	0
75	Simple route for nano-hydroxyapatite properties expansion. Biomedical Materials (Bristol), 2015, 10, 055015.	1.7	1
76	Enhanced Materials from Nature: Nanocellulose from Citrus Waste. Molecules, 2015, 20, 5908-5923.	1.7	116
77	Computational Biology Tools for Identifying Specific Ligand Binding Residues for Novel Agrochemical and Drug Design. Current Protein and Peptide Science, 2015, 16, 701-717.	0.7	5
78	Topography-driven bionano-interactions on colloidal silica nanoparticles. ACS Applied Materials & Interfaces, 2014, 6, 3437-3447.	4.0	27
79	Sargassum filipendula alginate from Brazil: Seasonal influence and characteristics. Carbohydrate Polymers, 2014, 111, 619-623.	5.1	60
80	Microorganisms in cryopreserved semen and culture media used in the in vitro production (IVP) of bovine embryos identified by matrix-assisted laser desorption ionization mass spectrometry (MALDI-MS). Theriogenology, 2013, 80, 337-345.	0.9	20
81	Small-angle X-ray scattering and in silico modeling approaches for the accurate functional annotation of an LysR-type transcriptional regulator. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 697-707.	1.1	6
82	Orange waste as a biomass for 2G-ethanol production using low cost enzymes and co-culture fermentation. RSC Advances, 2013, 3, 25071.	1.7	37
83	Cytotoxicity and genotoxicity of biogenic silver nanoparticles. Journal of Physics: Conference Series, 2013, 429, 012020.	0.3	18
84	Biogenic antimicrobial silver nanoparticles produced by fungi. Applied Microbiology and Biotechnology, 2013, 97, 775-782.	1.7	91
85	Nanocellulose and Bioethanol Production from Orange Waste using Isolated Microorganisms. Journal of the Brazilian Chemical Society, 2013, , .	0.6	22
86	Sugarcane Hsp101 is a hexameric chaperone that binds nucleotides. International Journal of Biological Macromolecules, 2011, 49, 1022-1030.	3.6	13
87	New formulation of an old drug in hypertension treatment: the sustained release of captopril from cyclodextrin nanoparticles. International Journal of Nanomedicine, 2011, 6, 1005.	3.3	23
88	Bacterial Secretion Chaperones. Protein and Peptide Letters, 2011, 18, 158-166.	0.4	12
89	Structural Insights on Two Hypothetical Secretion Chaperones from <i>Xanthomonas axonopodis</i> pv. <i>citri</i> . Protein Journal, 2011, 30, 324-333.	0.7	7
90	Structural and Functional Characterization of a γ-Type Phospholipase A2 Inhibitor from <i>Bothrops jararacussu</i> Snake Plasma. Current Topics in Medicinal Chemistry, 2011, 11, 2509-2519.	1.0	25

#	ARTICLE	IF	CITATIONS
91	Tecnologia de nanocristais em fármacos. Química Nova, 2010, 33, 151-158.	0.3	11
92	±-Substituent effects on ¹³ C NMR chemical shifts in some aliphatic compounds: Application of principal component analysis (PCA). Journal of Molecular Structure, 2009, 933, 15-19.	1.8	7
93	Metabolic Profiling of Human Blood Serum from Treated Patients with Bipolar Disorder Employing ¹ H NMR Spectroscopy and Chemometrics. Analytical Chemistry, 2009, 81, 9755-9763.	3.2	60
94	Cloning and characterization of three hypothetical secretion chaperone proteins from Xanthomonas axonopodis pv. citri. Protein Expression and Purification, 2007, 53, 363-369.	0.6	8
95	Identification of the flagellar chaperone FlgN in the phytopathogen Xanthomonas axonopodis pathovar citri by its interaction with hook-associated FlgK. Archives of Microbiology, 2007, 188, 243-250.	1.0	12
96	Stereoelectronic and inductive effects on ¹ H and ¹³ C NMR chemical shifts of some cis-1,3-disubstituted cyclohexanes. Magnetic Resonance in Chemistry, 2006, 44, 790-796.	1.1	13
97	Substituent effects on ¹ H and ¹³ C NMR chemical shifts in ±-monosubstituted phenyl acetates by principal component analysis (PCA). Computational and Theoretical Chemistry, 2005, 723, 245-248.	1.5	3
98	Mapping contacts between regulatory domains of skeletal muscle TnC and TnI by analyses of single-chain chimeras. FEBS Journal, 2005, 272, 779-790.	2.2	8
99	Principal component analysis in studies of substituent-induced carbon-13 chemical shifts of halogenated aliphatic compounds. Computational and Theoretical Chemistry, 2004, 681, 47-49.	1.5	3
100	Fast purification of the Apo form and of a non-binding heme mutant of recombinant sperm whale myoglobin. Protein Expression and Purification, 2003, 28, 202-208.	0.6	12
101	Substituent effects on ¹ H and ¹³ C NMR chemical shifts in ?-monosubstituted ethyl acetates: principal component analysis and ¹ H chemical shift calculations. Magnetic Resonance in Chemistry, 2002, 40, 449-454.	1.1	13
102	Principal component analysis of carbon-13 substituent-induced chemical shifts of some unsaturated compounds. Journal of Molecular Structure, 2002, 616, 49-54.	1.8	5
103	Principal component analysis of long-range ¹³ C- ¹³ C coupling constants of some cyclic compounds. Journal of Molecular Structure, 2001, 597, 129-136.	1.8	29
104	Principal component analysis in studies of substituent-induced chemical shifts of 1,4-disubstituted benzenes. Magnetic Resonance in Chemistry, 2001, 39, 316-322.	1.1	7
105	Agroindustry Residues as a Source for Cellulose Nanofibers Production. Journal of the Brazilian Chemical Society, 0, , .	0.6	6
106	A Protocol for Fish Lipid Analysis Using Nuclear Magnetic Resonance Spectroscopy. Journal of the Brazilian Chemical Society, 0, , .	0.6	1
107	NMR metabolomics as diagnosis tool for schizophrenia. , 0, , .		0
108	Formulation of an eco-friendly agrochemical spray containing silver nanoparticles against citrus canker. , 0, , .		0

#	ARTICLE	IF	CITATIONS
109	Metabolomic study of patients with bipolar disorder through ^1H Nuclear Magnetic Resonance (NMR). , 0, , .		0
110	In vitro studies of the PilT protein from <i>Xylella fastidiosa</i> twitching motility system. , 0, , .		0
111	Hydrogen-1 Nuclear Magnetic Resonance Spectroscopy applied to metabolomics of the crack users and patients with schizophrenia. , 0, , .		0
112	HESPERIDINA, A BIOFLAVANONA DA LARANJA, COMO IMPORTANTE PRÁ“-DROGA: SUA PURIFICAÃƒfO E A NANONIZAÃƒfO. , 0, , .		0
113	HESPERIDIN NANOCRYSTALS - ISOLATION, PURIFICATION AND NANONIZATION. , 0, , .		0
114	Cellulase imobilization on magnetite nanoparticles applied on biomass hydrolysis for ethanol 2G production. , 0, , .		0
115	Serine protease from <i>Bothrops asper</i> snake venom and its inhibition in the presence of hesperitin. , 0, , .		0
116	Inhibitory action of hesperetin on a venom metalloprotease from the <i>Bothrops asper</i> snake. , 0, , .		0
117	Synthesis and capping of magnetic iron nanoparticles for biotechnological application. , 0, , .		0
118	Metabolomic study of patients with bipolar disorder through ^1H Nuclear Magnetic Resonance (^1H) Tj ETQq0 0 0 rgBT /Overlock 10 Tf		0
119	Synthesis of Quinazoline Derivatives for Adenosine Kinase Inhibition. , 0, , .		0
120	Metabolomic profiles of patients with ischemic stroke: searching for biomarkers. , 0, , .		0
121	Metabolomic analysis of blood plasma from patients with mesial temporal lobe epilepsy: a search for biomarkers of drug resistance. , 0, , .		0
122	NMR in interaction studies of a serine protease from snake venom. , 0, , .		0
123	NMR in Analysis of the Nutritional Value of Lipids from Muscles and Livers of Wild Amazonian Fishes with Different Eating Habits Over Seasonal Variation. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	1
124	Thiamethoxam used as nanopesticide for the effective management of <i>Diaphorina citri</i> psyllid: an environmental-friendly formulation. <i>International Journal of Pest Management</i> , 0, , 1-9.	0.9	3