

Sanela Martic

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

438
citations

759233

12
h-index

752698

20
g-index

35
all docs

35
docs citations

35
times ranked

624
citing authors

#	ARTICLE	IF	CITATIONS
1	A protein-based electrochemical biosensor for detection of tau protein, a neurodegenerative disease biomarker. <i>Analyst, The</i> , 2014, 139, 2823-2831.	3.5	71
2	Probing copper/tau protein interactions electrochemically. <i>Analytical Biochemistry</i> , 2013, 442, 130-137.	2.4	49
3	Electrochemical investigations into Tau protein phosphorylations. <i>Analyst, The</i> , 2012, 137, 2042.	3.5	38
4	A dip-and-read optical aptasensor for detection of tau protein. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 1193-1201.	3.7	31
5	Anti-Tau Antibodies Based Electrochemical Sensor for Detection of Tau Protein Biomarkers. <i>Journal of the Electrochemical Society</i> , 2018, 165, G3018-G3025.	2.9	28
6	Electrochemical Investigations into Kinase-Catalyzed Transformations of Tau Protein. <i>ACS Chemical Neuroscience</i> , 2013, 4, 1194-1203.	3.5	23
7	Structural evaluations of tau protein conformation: methodologies and approaches. <i>Biochemistry and Cell Biology</i> , 2017, 95, 338-349.	2.0	23
8	Electrochemical Investigations of Tau Protein Phosphorylations and Interactions with Pin1. <i>Chemistry and Biodiversity</i> , 2012, 9, 1693-1702.	2.1	22
9	Localized surface plasmon resonance aptasensor for selective detection of SARS-CoV-2 S1 protein. <i>Analyst, The</i> , 2021, 146, 7207-7217.	3.5	22
10	Evaluation of ferritin and transferrin binding to tau protein. <i>Journal of Inorganic Biochemistry</i> , 2016, 162, 127-134.	3.5	16
11	Electrochemical Characterization of Protein Adsorption onto YNGRT-Au and VLGXE-Au Surfaces. <i>Sensors</i> , 2015, 15, 19429-19442.	3.8	15
12	Selective Electrochemical versus Chemical Oxidation of Bulky Phenol. <i>Journal of Physical Chemistry B</i> , 2016, 120, 8914-8924.	2.6	13
13	Electrochemical detection of anti-tau antibodies binding to tau protein and inhibition of GSK-3 β -catalyzed phosphorylation. <i>Analytical Biochemistry</i> , 2016, 496, 55-62.	2.4	13
14	Functionalization of Ruthenium(II)(η^6 -cymene)(3-hydroxy-2-pyridone) Complexes with (Thio)Morpholine: Synthesis and Bioanalytical Studies. <i>ChemPlusChem</i> , 2017, 82, 841-847.	2.8	13
15	Electrochemistry of heparin binding to tau protein on Au surfaces. <i>Electrochimica Acta</i> , 2015, 162, 24-30.	5.2	12
16	A Bioorganometallic Approach to Study Histidine Kinase Autophosphorylations. <i>Chemistry - A European Journal</i> , 2017, 23, 3152-3158.	3.3	10
17	Effects of antibodies to phosphorylated and non-phosphorylated tau on in vitro tau phosphorylation at Serine-199: Preliminary report. <i>Experimental Gerontology</i> , 2015, 67, 15-18.	2.8	7
18	Selective detection of nitrotyrosine using dual-fluorescent carbon dots. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 279, 121444.	3.9	6

#	ARTICLE	IF	CITATIONS
19	The multifunctional dopamine D2/D3 receptor agonists also possess inhibitory activity against the full-length tau441 protein aggregation. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115667.	3.0	4
20	Dual roles of tau R peptides on Cu(II)/(I)-mediated reactive oxygen species formation. <i>Journal of Biological Inorganic Chemistry</i> , 2021, 26, 919-931.	2.6	4
21	Functionalized resorcinarenes effectively disrupt the aggregation of A β 66-80 crystallin peptide related to cataracts. <i>RSC Medicinal Chemistry</i> , 2021, 12, 2022-2030.	3.9	3
22	Review "Recent Advancements in Neuroelectrochemistry of Disease Biomarkers. <i>Journal of the Electrochemical Society</i> , 2020, 167, 037527.	2.9	2
23	Aggregation of gelsolin wild-type and G167K/R, N184K, and D187N/Y mutant peptides and inhibition. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 2393-2408.	3.1	2
24	Electrochemical characterization of Cu(II) complexes of brain-related tau peptides. <i>Canadian Journal of Chemistry</i> , 2021, 99, 628-636.	1.1	2
25	Phosphorylated TAR DNA-binding protein-43: Aggregation and antibody-based inhibition. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166234.	3.8	2
26	Inhibition of Tau Protein Phosphorylation and Aggregation. <i>FASEB Journal</i> , 2021, 35, .	0.5	1
27	Reactivities of quercetin and metallo-quercetin with superoxide anion radical and molecular oxygen. <i>Electrochemical Science Advances</i> , 0, , e2100054.	2.8	1
28	Bioelectrochemistry for various facets of tau protein biochemistry. <i>Current Opinion in Electrochemistry</i> , 2022, 32, 100915.	4.8	1