

Marina Naldi

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

1,376
citations

304743

22
h-index

361022

35
g-index

62
all docs

62
docs citations

62
times ranked

2439
citing authors

#	ARTICLE	IF	CITATIONS
1	Posttranscriptional changes of serum albumin: Clinical and prognostic significance in hospitalized patients with cirrhosis. <i>Hepatology</i> , 2014, 60, 1851-1860.	7.3	135
2	Kinetic characterization of amyloid-beta 1 β 42 aggregation with a multimethodological approach. <i>Analytical Biochemistry</i> , 2011, 414, 215-225.	2.4	103
3	Amyloid β -Peptide 25 β 35 Self-Assembly and Its Inhibition: A Model Undecapeptide System to Gain Atomistic and Secondary Structure Details of the Alzheimer's Disease Process and Treatment. <i>ACS Chemical Neuroscience</i> , 2012, 3, 952-962.	3.5	85
4	Bright OligothiopheneN-Succinimidyl Esters for Efficient Fluorescent Labeling of Proteins and Oligonucleotides. <i>Bioconjugate Chemistry</i> , 2006, 17, 58-67.	3.6	55
5	Design, biological evaluation and X-ray crystallography of nanomolar multifunctional ligands targeting simultaneously acetylcholinesterase and glycogen synthase kinase-3. <i>European Journal of Medicinal Chemistry</i> , 2019, 168, 58-77.	5.5	51
6	UHPLC determination of catechins for the quality control of green tea. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 88, 307-314.	2.8	50
7	Multiwell fluorometric and colorimetric microassays for the evaluation of beta-secretase (BACE-1) inhibitors. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 388, 1175-1183.	3.7	47
8	Determination of Effective Albumin in Patients With Decompensated Cirrhosis: Clinical and Prognostic Implications. <i>Hepatology</i> , 2021, 74, 2058-2073.	7.3	45
9	Structural and functional integrity of human serum albumin: Analytical approaches and clinical relevance in patients with liver cirrhosis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 144, 138-153.	2.8	43
10	Towards automation in protein digestion: Development of a monolithic trypsin immobilized reactor for highly efficient on-line digestion and analysis. <i>Talanta</i> , 2017, 167, 143-157.	5.5	41
11	Albumin Homodimers in Patients with Cirrhosis: Clinical and Prognostic Relevance of a Novel Identified Structural Alteration of the Molecule. <i>Scientific Reports</i> , 2016, 6, 35987.	3.3	35
12	Dual-Acting Cholinesterase β -Human Cannabinoid Receptor 2 Ligands Show Pronounced Neuroprotection in Vitro and Overadditive and Disease-Modifying Neuroprotective Effects in Vivo. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 9078-9102.	6.4	35
13	Discovery of novel benzofuran-based compounds with neuroprotective and immunomodulatory properties for Alzheimer's disease treatment. <i>European Journal of Medicinal Chemistry</i> , 2019, 178, 243-258.	5.5	32
14	A patent review of butyrylcholinesterase inhibitors and reactivators 2010 β 2017. <i>Expert Opinion on Therapeutic Patents</i> , 2018, 28, 455-465.	5.0	31
15	Development and characterization of β -secretase monolithic micro-immobilized enzyme reactor for on-line high-performance liquid chromatography studies. <i>Journal of Chromatography A</i> , 2007, 1175, 217-226.	3.7	30
16	Mechanism and stereoselectivity of HDAC I inhibition by (R)-9-hydroxystearic acid in colon cancer. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012, 1821, 1334-1340.	2.4	30
17	Mass spectrometric characterization of human serum albumin dimer: A new potential biomarker in chronic liver diseases. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 112, 169-175.	2.8	29
18	Synthesis, cytotoxicity and anti-cancer activity of new alkynyl-gold(β) complexes. <i>Dalton Transactions</i> , 2016, 45, 1546-1553.	3.3	29

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19	Immobilized Enzyme Reactors: an Overview of Applications in Drug Discovery from 2008 to 2018. <i>Chromatographia</i> , 2019, 82, 425-441.	1.3	27
20	Histone proteins determined in a human colon cancer by high-performance liquid chromatography and mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1129, 73-81.	3.7	25
21	Histone post-translational modifications by HPLC-ESI-MS after HT29 cell treatment with histone deacetylase inhibitors. <i>Proteomics</i> , 2009, 9, 5437-5445.	2.2	25
22	Immobilized enzyme-based analytical tools in the -omics era: Recent advances. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 160, 222-237.	2.8	23
23	Exploiting the Chalcone Scaffold to Develop Multifunctional Agents for Alzheimer's Disease. <i>Molecules</i> , 2018, 23, 1902.	3.8	22
24	Discovery and In Vivo Proof of Concept of a Highly Potent Dual Inhibitor of Soluble Epoxide Hydrolase and Acetylcholinesterase for the Treatment of Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 4909-4925.	6.4	22
25	Tacrine-O-protected phenolics heterodimers as multitarget-directed ligands against Alzheimer's disease: Selective subnanomolar BuChE inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2019, 181, 111550.	5.5	21
26	Ischaemia-modified albumin: a marker of bacterial infection in hospitalized patients with cirrhosis. <i>Liver International</i> , 2015, 35, 2425-2432.	3.9	20
27	New insights into the altered binding capacity of pharmaceutical-grade human serum albumin: site-specific binding studies by induced circular dichroism spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 162, 171-178.	2.8	20
28	Investigating in Vitro Amyloid Peptide 1-42 Aggregation: Impact of Higher Molecular Weight Stable Adducts. <i>ACS Omega</i> , 2019, 4, 12308-12318.	3.5	19
29	Disclosure of a fundamental clue for the elucidation of the myricetin mechanism of action as amyloid aggregation inhibitor by mass spectrometry. <i>Electrophoresis</i> , 2012, 33, 3380-3386.	2.4	17
30	Advanced analytical methodologies in Alzheimer's disease drug discovery. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 178, 112899.	2.8	17
31	HS-SPME-GC-MS for the Quantitation and Chiral Characterization of Camphor and Menthol in Creams. <i>Chromatographia</i> , 2010, 72, 941-947.	1.3	16
32	Mass spectrometry characterization of circulating human serum albumin microheterogeneity in patients with alcoholic hepatitis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 122, 141-147.	2.8	16
33	Oligothiophene phosphoramidites for oligonucleotide labelling. <i>Tetrahedron Letters</i> , 2005, 46, 8181-8184.	1.4	15
34	Characterisation of the conjugate of the (6-maleimidocaproyl)hydrazone derivative of doxorubicin with lactosaminated human albumin by ¹³ C NMR spectroscopy. <i>European Journal of Pharmaceutical Sciences</i> , 2009, 38, 262-269.	4.0	13
35	Analysis of human histone H4 by capillary electrophoresis in a pullulan-coated capillary, LC-ESI-MS and MALDI-TOF-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 390, 1881-1888.	3.7	12
36	Quinazoline based \pm 1 -adrenoreceptor antagonists with potent antiproliferative activity in human prostate cancer cell lines. <i>European Journal of Medicinal Chemistry</i> , 2017, 136, 259-269.	5.5	11

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37	Structural basis for the magnesium-dependent activation of transketolase from <i>Chlamydomonas reinhardtii</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 2132-2145.	2.4	11
38	Discovery of sustainable drugs for Alzheimer's disease: cardanol-derived cholinesterase inhibitors with antioxidant and anti-amyloid properties. <i>RSC Medicinal Chemistry</i> , 2021, 12, 1154-1163.	3.9	11
39	Unveiling the Biochemistry of the Epigenetic Regulator SMYD3. <i>Biochemistry</i> , 2019, 58, 3634-3645.	2.5	8
40	Discovery of an Allosteric Ligand Binding Site in SMYD3 Lysine Methyltransferase. <i>ChemBioChem</i> , 2021, 22, 1597-1608.	2.6	8
41	New Coumarin Derivatives as Cholinergic and Cannabinoid System Modulators. <i>Molecules</i> , 2021, 26, 3254.	3.8	8
42	Application of an ESI-QTOF method for the detailed characterization of GSK-3 β inhibitors. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 144, 159-166.	2.8	7
43	Indole Derivative Interacts with Estrogen Receptor Beta and Inhibits Human Ovarian Cancer Cell Growth. <i>Molecules</i> , 2020, 25, 4438.	3.8	7
44	Unveiling the molecular mechanisms underpinning biorecognition of early-glycated human serum albumin and receptor for advanced glycation end products. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 4245-4259.	3.7	7
45	From virtual screening hits targeting a cryptic pocket in BACE-1 to a nontoxic brain permeable multitarget anti-Alzheimer lead with disease-modifying and cognition-enhancing effects. <i>European Journal of Medicinal Chemistry</i> , 2021, 225, 113779.	5.5	7
46	HSA-Binding Prodrugs-Based Nanoparticles Endowed with Chemo and Photo-Toxicity against Breast Cancer. <i>Cancers</i> , 2022, 14, 877.	3.7	7
47	Isolation and Characterization of Wheat Derived Nonspecific Lipid Transfer Protein 2 (nsLTP2). <i>Journal of Food Science</i> , 2018, 83, 1516-1521.	3.1	6
48	Polycyclic Maleimide-based Scaffold as New Privileged Structure for Navigating the Cannabinoid System Opportunities. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 596-600.	2.8	6
49	From Combinations to Single-Molecule Polypharmacologyâ€”Cromolyn-Ibuprofen Conjugates for Alzheimerâ€™s Disease. <i>Molecules</i> , 2021, 26, 1112.	3.8	6
50	Functional characterization of multifunctional ligands targeting acetylcholinesterase and alpha 7 nicotinic acetylcholine receptor. <i>Biochemical Pharmacology</i> , 2020, 177, 114010.	4.4	6
51	In vitro thrombogenicity of drug-eluting and bare metal stents. <i>Thrombosis Research</i> , 2020, 185, 43-48.	1.7	5
52	Rapid MALDI-TOF-MS analysis in the study of interaction between whole bacterial cells and human target molecules: Binding of <i>Bifidobacterium</i> to human plasminogen. <i>Journal of Microbiological Methods</i> , 2008, 73, 276-278.	1.6	4
53	Simple and rapid LC-MS method for the determination of circulating albumin microheterogeneity in veal calves exposed to heat stress. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 144, 263-268.	2.8	4
54	Structural characterization of p53 isoforms due to the polymorphism at codon 72 by mass spectrometry and circular dichroism. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 200-206.	2.8	3

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55	Fluorescence biosensing micropatterned surfaces based on immobilized human acetylcholinesterase. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 795-804.	3.7	3
56	Direct determination of GSK-3 β activity and inhibition by UHPLC-UV-vis diode arrays detector (DAD). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 124, 104-111.	2.8	2
57	Bio-Guided Fractionation of Stem Bark Extracts from <i>Phyllanthus muellarianus</i> : Identification of Phytochemicals with Anti-Cholinesterase Activity. <i>Molecules</i> , 2021, 26, 4376.	3.8	2
58	Self-assembly of biomolecules: AFM study of F-actin on unstructured and nanostructured surfaces. , 2009, , .		1
59	Bright OligothiopheneN-Succinimidyl Esters for Efficient Fluorescent Labeling of Proteins and Oligonucleotides. <i>Bioconjugate Chemistry</i> , 2007, 18, 1015-1015.	3.6	0
60	AFM study of F-actin on chemically modified surfaces. , 2010, , .		0
61	PS-102-Circulating native albumin in patients with cirrhosis admitted to hospital for acute decompensation and acute-on-chronic liver failure: Relation to serum albumin levels, albumin function, and patient outcomes. <i>Journal of Hepatology</i> , 2019, 70, e65.	3.7	0
62	Effective albumin concentration and albumin function improve after long-term albumin treatment in patients with decompensated cirrhosis. <i>Journal of Hepatology</i> , 2020, 73, S211-S212.	3.7	0