

# Ivano Eberini

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/249294/publications.pdf>

Version: 2024-02-01

100  
papers

2,722  
citations

159585

30  
h-index

214800

47  
g-index

105  
all docs

105  
docs citations

105  
times ranked

3829  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Modelling of NONO and SFPQ Dimerization Process and RNA Recognition Mechanism. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7626.	4.1	6
2	A Novel SEMA3G Mutation in Two Siblings Affected by Syndromic GnRH Deficiency. <i>Neuroendocrinology</i> , 2021, 111, 421-441.	2.5	18
3	rHDL modeling and the anchoring mechanism of LCAT activation. <i>Journal of Lipid Research</i> , 2021, 62, 100006.	4.2	8
4	Hemolymph proteins: An overview across marine arthropods and molluscs. <i>Journal of Proteomics</i> , 2021, 245, 104294.	2.4	18
5	IgG1 conformational behavior: elucidation of the N-glycosylation role via molecular dynamics. <i>Biophysical Journal</i> , 2021, 120, 5355-5370.	0.5	9
6	Encore “ Sex dependency of the proteome. <i>Journal of Proteomics</i> , 2020, 212, 103579.	2.4	1
7	Activation of Naturally Occurring Lecithin:Cholesterol Acyltransferase Mutants by a Novel Activator Compound. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 375, 463-468.	2.5	13
8	SARS-CoV-2 infection among asymptomatic homebound subjects in Milan, Italy. <i>European Journal of Internal Medicine</i> , 2020, 78, 161-163.	2.2	14
9	Some more about dogs: Proteomics of neglected biological fluids. <i>Journal of Proteomics</i> , 2020, 218, 103724.	2.4	13
10	Distinguishing mode of action of compounds inducing craniofacial malformations in zebrafish embryos to support dose-response modeling in combined exposures. <i>Reproductive Toxicology</i> , 2020, 96, 114-127.	2.9	12
11	Development of an adverse outcome pathway for cranio-facial malformations: A contribution from in silico simulations and in vitro data. <i>Food and Chemical Toxicology</i> , 2020, 140, 111303.	3.6	6
12	Development of the first in vivo GPR17 ligand through an iterative drug discovery pipeline: A novel disease-modifying strategy for multiple sclerosis. <i>PLoS ONE</i> , 2020, 15, e0231483.	2.5	16
13	SLC6A14, a Pivotal Actor on Cancer Stage: When Function Meets Structure. <i>SLAS Discovery</i> , 2019, 24, 928-938.	2.7	13
14	Inhibition of Pancreatic $\alpha$ -amylase by Resveratrol Derivatives: Biological Activity and Molecular Modelling Evidence for Cooperativity between Viniferin Enantiomers. <i>Molecules</i> , 2019, 24, 3225.	3.8	23
15	Predicting estrogen receptor binding of chemicals using a suite of in silico methods “ Complementary approaches of (Q)SAR, molecular docking and molecular dynamics. <i>Toxicology and Applied Pharmacology</i> , 2019, 378, 114630.	2.8	37
16	Set-Up and Validation of a High Throughput Screening Method for Human Monoacylglycerol Lipase (MAGL) Based on a New Red Fluorescent Probe. <i>Molecules</i> , 2019, 24, 2241.	3.8	8
17	Glatiramer acetate: A complex drug beyond biologics. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 133, 8-14.	4.0	10
18	What if? Mouse proteomics after gene inactivation. <i>Journal of Proteomics</i> , 2019, 199, 102-122.	2.4	3

#	ARTICLE	IF	CITATIONS
19	Inhibition of SIRT1 deacetylase and p53 activation uncouples the anti-inflammatory and chemopreventive actions of NSAIDs. <i>British Journal of Cancer</i> , 2019, 120, 537-546.	6.4	37
20	Surface Plasmon Resonance as a Tool for Ligand Binding Investigation of Engineered GPR17 Receptor, a G Protein Coupled Receptor Involved in Myelination. <i>Frontiers in Chemistry</i> , 2019, 7, 910.	3.6	24
21	Design, synthesis, molecular modelling and in vitro cytotoxicity analysis of novel carbamate derivatives as inhibitors of Monoacylglycerol lipase. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 2561-2572.	3.0	13
22	Editorial: A matter of ingredients. <i>Journal of Proteomics</i> , 2018, 178, 1-6.	2.4	0
23	Gender proteomics II. Which proteins in sexual organs. <i>Journal of Proteomics</i> , 2018, 178, 18-30.	2.4	5
24	Gender proteomics I. Which proteins in non-sexual organs. <i>Journal of Proteomics</i> , 2018, 178, 7-17.	2.4	12
25	Strategic single point mutation yields a solvent- and salt-stable transaminase from <i>Virgibacillus</i> sp. in soluble form. <i>Scientific Reports</i> , 2018, 8, 16441.	3.3	13
26	Propiconazole is an activator of AHR and causes concentration additive effects with an established AHR ligand. <i>Archives of Toxicology</i> , 2018, 92, 3471-3486.	4.2	13
27	In silico Description of LAT1 Transport Mechanism at an Atomistic Level. <i>Frontiers in Chemistry</i> , 2018, 6, 350.	3.6	13
28	Bacterial Production, Characterization and Protein Modeling of a Novel Monofunctional Isoform of FAD Synthase in Humans: An Emergency Protein?. <i>Molecules</i> , 2018, 23, 116.	3.8	26
29	Novel insights into the transport mechanism of the human amino acid transporter LAT1 (SLC7A5). Probing critical residues for substrate translocation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 727-736.	2.4	64
30	The scaffold protein RACK1 is a target of endocrine disrupting chemicals (EDCs) with important implication in immunity. <i>Toxicology and Applied Pharmacology</i> , 2017, 325, 37-47.	2.8	20
31	Potent inhibitors of human LAT1 (SLC7A5) transporter based on dithiazole and dithiazine compounds for development of anticancer drugs. <i>Biochemical Pharmacology</i> , 2017, 143, 39-52.	4.4	72
32	Role of the GM1 ganglioside oligosaccharide portion in the TrkA-dependent neurite sprouting in neuroblastoma cells. <i>Journal of Neurochemistry</i> , 2017, 143, 645-659.	3.9	53
33	Identification of small molecules uncoupling the Notch::Jagged interaction through an integrated high-throughput screening. <i>PLoS ONE</i> , 2017, 12, e0182640.	2.5	28
34	2,4-Furfurylidene-D-sorbitol and its tetra-methyl ether: synthesis, conformational studies, and radical scavenging activity. <i>Arkivoc</i> , 2017, 2016, 50-68.	0.5	1
35	With or without you – Proteomics with or without major plasma/serum proteins. <i>Journal of Proteomics</i> , 2016, 140, 62-80.	2.4	53
36	A promiscuous recognition mechanism between GPR17 and SDF-1: Molecular insights. <i>Cellular Signalling</i> , 2016, 28, 631-642.	3.6	13

#	ARTICLE	IF	CITATIONS
37	Enzymatic reduction of acetophenone derivatives with a benzil reductase from <i>Pichia glucozyma</i> (KRED1-Pglu): electronic and steric effects on activity and enantioselectivity. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 3404-3408.	2.8	21
38	Stereoselective reduction of aromatic ketones by a new ketoreductase from <i>Pichia glucozyma</i> . <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 193-201.	3.6	24
39	In silico prediction and characterization of protein post-translational modifications. <i>Journal of Proteomics</i> , 2016, 134, 65-75.	2.4	12
40	Rabphilin 3A retains NMDA receptors at synaptic sites through interaction with GluN2A/PSD-95 complex. <i>Nature Communications</i> , 2015, 6, 10181.	12.8	59
41	Human FAD synthase is a bi-functional enzyme with a FAD hydrolase activity in the molybdopterin binding domain. <i>Biochemical and Biophysical Research Communications</i> , 2015, 465, 443-449.	2.1	29
42	All-Purpose Containers? Lipid-Binding Protein " Drug Interactions. <i>PLoS ONE</i> , 2015, 10, e0132096.	2.5	4
43	A Computational Approach to Evaluate the Androgenic Affinity of Iprodione, Procymidone, Vinclozolin and Their Metabolites. <i>PLoS ONE</i> , 2014, 9, e104822.	2.5	46
44	<i>In Vitro</i> Chronic Administration of ERbeta Selective Ligands and Prostate Cancer Cell Growth: Hypotheses on the Selective Role of 3beta-Adiol in AR-Positive RV1 Cells. <i>BioMed Research International</i> , 2014, 2014, 1-14.	1.9	7
45	In between " Proteomics of dog biological fluids. <i>Journal of Proteomics</i> , 2014, 106, 30-45.	2.4	24
46	Oxysterols act as promiscuous ligands of class-A GPCRs: In silico molecular modeling and in vitro validation. <i>Cellular Signalling</i> , 2014, 26, 2614-2620.	3.6	46
47	Recombinant <i>S. cerevisiae</i> expressing Old Yellow Enzymes from non-conventional yeasts: an easy system for selective reduction of activated alkenes. <i>Microbial Cell Factories</i> , 2014, 13, 60.	4.0	10
48	Nimesulide binding site in the BOAT1 (SLC6A19) amino acid transporter. Mechanism of inhibition revealed by proteoliposome transport assay and molecular modelling. <i>Biochemical Pharmacology</i> , 2014, 89, 422-430.	4.4	27
49	Unfolding of beta-lactoglobulin on the surface of polystyrene nanoparticles: Experimental and computational approaches. <i>Proteins: Structure, Function and Bioinformatics</i> , 2014, 82, 1272-1282.	2.6	16
50	Distant Homology Modeling of LCAT and Its Validation through In Silico Targeting and In Vitro and In Vivo Assays. <i>PLoS ONE</i> , 2014, 9, e95044.	2.5	6
51	A proteomic portrait of atherosclerosis. <i>Journal of Proteomics</i> , 2013, 82, 92-112.	2.4	13
52	Inflammatory serum proteome pattern in mice fed a high-fat diet. <i>Amino Acids</i> , 2013, 44, 1001-1008.	2.7	7
53	The oxysterol "CXCR2 axis plays a key role in the recruitment of tumor-promoting neutrophils. <i>Journal of Experimental Medicine</i> , 2013, 210, 1711-1728.	8.5	167
54	C2238 Atrial Natriuretic Peptide Molecular Variant Is Associated With Endothelial Damage and Dysfunction Through Natriuretic Peptide Receptor C Signaling. <i>Circulation Research</i> , 2013, 112, 1355-1364.	4.5	34

#	ARTICLE	IF	CITATIONS
55	Molecular Mechanism of Inhibition of the Mitochondrial Carnitine/Acylcarnitine Transporter by Omeprazole Revealed by Proteoliposome Assay, Mutagenesis and Bioinformatics. PLoS ONE, 2013, 8, e82286.	2.5	18
56	Biosynthesis of Flavin Cofactors in Man: Implications in Health and Disease. Current Pharmaceutical Design, 2013, 19, 2649-2675.	1.9	61
57	Proteomics of rat biological fluids – The tenth anniversary update. Journal of Proteomics, 2012, 75, 3113-3128.	2.4	10
58	Wards in the keyway: amino acids with anomalous pK as in calycons. Amino Acids, 2012, 43, 2457-2468.	2.7	1
59	Neglected markers: Altered serum proteome in murine models of disease. Proteomics, 2012, 12, 691-707.	2.2	9
60	Electrostatics of folded and unfolded bovine $\beta$ -lactoglobulin. Amino Acids, 2012, 42, 2019-2030.	2.7	8
61	Simulation of urea-induced protein unfolding: A lesson from bovine $\beta$ -lactoglobulin. Journal of Molecular Graphics and Modelling, 2011, 30, 24-30.	2.4	13
62	In silico identification of new ligands for GPR17: a promising therapeutic target for neurodegenerative diseases. Journal of Computer-Aided Molecular Design, 2011, 25, 743-752.	2.9	53
63	Class A GPCRs: a multifaceted reality. Purinergic Signalling, 2011, 7, 279-281.	2.2	0
64	Energy matters: Mitochondrial proteomics for biomedicine. Proteomics, 2011, 11, 657-674.	2.2	9
65	Structural and dynamic features of apolipoprotein A-I cysteine mutants, Milano and Paris, in synthetic HDL. Journal of Molecular Graphics and Modelling, 2010, 29, 406-414.	2.4	7
66	Molecular investigation of riboflavin-responsive multiple acyl-CoA dehydrogenase deficiency (RR-MAD) patients. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 54.	1.0	0
67	Other than IPG-DALT: 2D variants. Proteomics, 2010, 10, 586-610.	2.2	23
68	Structural features and dynamics properties of human apolipoprotein A-I in a model of synthetic HDL. Journal of Molecular Graphics and Modelling, 2009, 28, 305-312.	2.4	8
69	Detection of Protein Glutathionylation. Methods in Molecular Biology, 2009, 519, 397-415.	0.9	7
70	Pharmacokinetics and pharmacodynamics in the newborn. Veterinary Research Communications, 2008, 32, 77-80.	1.6	0
71	Proteomics of lung physiopathology. Proteomics, 2008, 8, 5053-5073.	2.2	12
72	Conformational and dynamics changes induced by bile acids binding to chicken liver bile acid binding protein. Proteins: Structure, Function and Bioinformatics, 2008, 71, 1889-1898.	2.6	18

#	ARTICLE	IF	CITATIONS
73	Structural and dynamic roles of permanent water molecules in ligand molecular recognition by chicken liver bile acid binding protein. <i>Journal of Molecular Recognition</i> , 2008, 21, 348-354.	2.1	15
74	Computational and experimental approaches assess the interactions between bovine $\beta$ -lactoglobulin and synthetic compounds of pharmacological interest. <i>Journal of Molecular Graphics and Modelling</i> , 2008, 26, 1004-1013.	2.4	35
75	Characterization of the Protein Unfolding Processes Induced by Urea and Temperature. <i>Biophysical Journal</i> , 2008, 94, 2241-2251.	0.5	85
76	Using peripheral blood mononuclear cells to determine proteome profiles in human cardiac failure. <i>European Journal of Heart Failure</i> , 2008, 10, 749-757.	7.1	8
77	ApoA-Milano from structure to clinical application. <i>Annals of Medicine</i> , 2008, 40, 48-56.	3.8	4
78	Apolipoprotein A breakdown is induced by thrombolysis in coronary patients. <i>Annals of Medicine</i> , 2007, 39, 306-311.	3.8	19
79	Hypocholesterolaemic effects of soya proteins: results of recent studies are predictable from the Anderson meta-analysis data. <i>British Journal of Nutrition</i> , 2007, 97, 816-822.	2.3	58
80	Perivascular carotid collar placement induces neointima formation and outward arterial remodeling in mice independent of apolipoprotein E deficiency or Western-type diet feeding. <i>Atherosclerosis</i> , 2007, 195, e112-e124.	0.8	15
81	Raloxifene inhibits matrix metalloproteinases expression and activity in macrophages and smooth muscle cells. <i>Pharmacological Research</i> , 2007, 56, 160-167.	7.1	15
82	Mapping the 5-50-kDa fraction of human amniotic fluid proteins by 2-DE and ESI-MS. <i>Proteomics - Clinical Applications</i> , 2007, 1, 167-175.	1.6	16
83	Gender differences in endothelial function and inflammatory markers along the occurrence of pathological events in stroke-prone rats. <i>Experimental and Molecular Pathology</i> , 2007, 82, 33-41.	2.1	28
84	A Model Structure for the Heterodimer apoA-I-Milano apoA-II Supports Its Peculiar Susceptibility to Proteolysis. <i>Biophysical Journal</i> , 2006, 91, 3043-3049.	0.5	12
85	Redox regulation of cyclophilin A by glutathionylation. <i>Proteomics</i> , 2006, 6, 817-825.	2.2	43
86	Computational and experimental approaches for assessing the interactions between the model calycin $\beta$ -lactoglobulin and two antibacterial fluoroquinolones. <i>Proteins: Structure, Function and Bioinformatics</i> , 2006, 65, 555-567.	2.6	16
87	Coordinated and reversible reduction of enzymes involved in terminal oxidative metabolism in skeletal muscle mitochondria from a riboflavin-responsive, multiple acyl-CoA dehydrogenase deficiency patient. <i>Electrophoresis</i> , 2006, 27, 1182-1198.	2.4	55
88	Serum protein pattern during cow pregnancy: Acute-phase proteins increase in the peripartum period. <i>Electrophoresis</i> , 2006, 27, 1617-1625.	2.4	50
89	Reference maps of mouse serum acute-phase proteins: Changes with LPS-induced inflammation and apolipoprotein A-I and A-II transgenes. <i>Proteomics</i> , 2005, 5, 4245-4253.	2.2	53
90	The Molecular Basis of Lecithin:Cholesterol Acyltransferase Deficiency Syndromes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 1972-1978.	2.4	158

#	ARTICLE	IF	CITATIONS
91	Analysis of <i>Lupinus albus</i> Storage Proteins by Two-Dimensional Electrophoresis and Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 4599-4606.	5.2	40
92	Reorganization in apo- and holo- $\beta_2$ -lactoglobulin upon protonation of Glu89: Molecular dynamics and pKa calculations. <i>Proteins: Structure, Function and Bioinformatics</i> , 2004, 54, 744-758.	2.6	50
93	pH and Ionic Strength Dependence of Protein (Un)Folding and Ligand Binding to Bovine $\beta_2$ -Lactoglobulins A and B. <i>Biochemistry</i> , 2002, 41, 15415-15422.	2.5	25
94	Monitoring the effects of drug treatment in rat models of disease by serum protein analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002, 771, 107-130.	2.3	48
95	Acute-Phase Proteins Before Cerebral Ischemia in Stroke-Prone Rats. <i>Stroke</i> , 2001, 32, 753-760.	2.0	93
96	Proteins of rat serum, urine, and cerebrospinal fluid: VI. Further protein identifications and interstrain comparison. <i>Electrophoresis</i> , 2001, 22, 3043-3052.	2.4	96
97	Proteins of rat serum V: Adjuvant arthritis and its modulation by nonsteroidal anti-inflammatory drugs. <i>Electrophoresis</i> , 2000, 21, 2170-2180.	2.4	32
98	Proteins of rat serum: III. Gender-related differences in protein concentration under baseline conditions and upon experimental inflammation as evaluated by two-dimensional electrophoresis. <i>Electrophoresis</i> , 1999, 20, 836-845.	2.4	46
99	Proteins of rat serum: I. Establishing a reference two-dimensional electrophoresis map by immunodetection and microbore high performance liquid chromatography-electrospray mass spectrometry. <i>Electrophoresis</i> , 1998, 19, 1484-1492.	2.4	67
100	Proteins of rat serum: II. Influence of some biological parameters of the two-dimensional electrophoresis pattern. <i>Electrophoresis</i> , 1998, 19, 1493-1500.	2.4	43