

Azeddine Ibrahimi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

92 papers	3,213 citations	24 h-index	56 g-index
103 ext. papers	3,604 ext. citations	4.5 avg, IF	4.61 L-index

#	Paper	IF	Citations
92	Identification of Cd36 (Fat) as an insulin-resistance gene causing defective fatty acid and glucose metabolism in hypertensive rats. <i>Nature Genetics</i> , 1999 , 21, 76-83	36.3	636
91	Muscle-specific overexpression of FAT/CD36 enhances fatty acid oxidation by contracting muscle, reduces plasma triglycerides and fatty acids, and increases plasma glucose and insulin. <i>Journal of Biological Chemistry</i> , 1999 , 274, 26761-6	5.4	277
90	Membrane transport of long-chain fatty acids: evidence for a facilitated process. <i>Journal of Lipid Research</i> , 1998 , 39, 2309-2318	6.3	231
89	Expression of the CD36 homolog (FAT) in fibroblast cells: effects on fatty acid transport. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 2646-51	11.5	208
88	Membrane proteins implicated in long-chain fatty acid uptake by mammalian cells: CD36, FATP and FABPm. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 1999 , 1441, 4-13	5	194
87	Transgenic rescue of defective Cd36 ameliorates insulin resistance in spontaneously hypertensive rats. <i>Nature Genetics</i> , 2001 , 27, 156-8	36.3	172
86	Defective fatty acid uptake in the spontaneously hypertensive rat is a primary determinant of altered glucose metabolism, hyperinsulinemia, and myocardial hypertrophy. <i>Journal of Biological Chemistry</i> , 2001 , 276, 23661-6	5.4	139
85	Role of CD36 in membrane transport of long-chain fatty acids. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2002 , 5, 139-45	3.8	134
84	Role of CD36 in membrane transport and utilization of long-chain fatty acids by different tissues. <i>Journal of Molecular Neuroscience</i> , 2001 , 16, 117-21; discussion 151-7	3.3	96
83	Muscle contractile activity increases fatty acid metabolism and transport and FAT/CD36. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999 , 276, E642-9	6	96
82	New insights into long-chain fatty acid uptake by heart muscle: a crucial role for fatty acid translocase/CD36. <i>Biochemical Journal</i> , 2002 , 367, 561-70	3.8	95
81	Myocardial recovery from ischemia is impaired in CD36-null mice and restored by myocyte CD36 expression or medium-chain fatty acids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 6819-24	11.5	70
80	H3ABioNet, a sustainable pan-African bioinformatics network for human heredity and health in Africa. <i>Genome Research</i> , 2016 , 26, 271-7	9.7	65
79	Muscle-specific overexpression of CD36 reverses the insulin resistance and diabetes of MKR mice. <i>Endocrinology</i> , 2004 , 145, 4667-76	4.8	48
78	Large scale genomic analysis of 3067 SARS-CoV-2 genomes reveals a clonal geo-distribution and a rich genetic variations of hotspots mutations. <i>PLoS ONE</i> , 2020 , 15, e0240345	3.7	43
77	Essential role of collagens for terminal differentiation of preadipocytes. <i>Biochemical and Biophysical Research Communications</i> , 1992 , 187, 1314-22	3.4	42
76	Global initiative for congenital toxoplasmosis: an observational and international comparative clinical analysis. <i>Emerging Microbes and Infections</i> , 2018 , 7, 165	18.9	39

75	Wide geographical dissemination of the multiresistant <i>Staphylococcus capitis</i> NRCS-A clone in neonatal intensive-care units. <i>Clinical Microbiology and Infection</i> , 2016 , 22, 46-52	9.5	37
74	A year of genomic surveillance reveals how the SARS-CoV-2 pandemic unfolded in Africa. <i>Science</i> , 2021 , 374, 423-431	33.3	35
73	Genomic Diversity and Hotspot Mutations in 30,983 SARS-CoV-2 Genomes: Moving Toward a Universal Vaccine for the "Confined Virus"?. <i>Pathogens</i> , 2020 , 9,	4.5	31
72	Acinetobacter infections prevalence and frequency of the antibiotics resistance: comparative study of intensive care units versus other hospital units. <i>Pan African Medical Journal</i> , 2016 , 23, 191	1.2	30
71	Synthesis and antidepressant activity of 5-(benzo[b]furan-2-ylmethyl)-6-methylpyridazin-3(2H)-one derivatives. <i>Medicinal Chemistry Research</i> , 2016 , 25, 494-500	2.2	29
70	Targeting the GRP78-Dependant SARS-CoV-2 Cell Entry by Peptides and Small Molecules. <i>Bioinformatics and Biology Insights</i> , 2020 , 14, 1177932220965505	5.3	29
69	Breast cancer in Morocco: a literature review. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014 , 15, 1067-747	4.7	24
68	Clonal diversity and detection of carbapenem resistance encoding genes among multidrug-resistant isolates recovered from patients and environment in two intensive care units in a Moroccan hospital. <i>Antimicrobial Resistance and Infection Control</i> , 2017 , 6, 99	6.2	22
67	Repurposing of known anti-virals as potential inhibitors for SARS-CoV-2 main protease using molecular docking analysis. <i>Bioinformation</i> , 2020 , 16, 301-306	1.1	22
66	Characterization of a novel composite staphylococcal cassette chromosome mec (SCCmec-SCCcad/ars/cop) in the neonatal sepsis-associated <i>Staphylococcus capitis</i> pulsotype NRCS-A. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 6354-7	5.9	21
65	CD36 antisense expression in 3T3-F442A preadipocytes. <i>Molecular and Cellular Biochemistry</i> , 1999 , 192, 3-8	4.2	18
64	Anticandidal, antibacterial, cytotoxic and antioxidant activities of <i>Calendula arvensis</i> flowers. <i>Journal De Mycologie Medicale</i> , 2017 , 27, 90-97	3	17
63	CD36 expression is altered in retinal pigment epithelial cells of the RCS rat. <i>Experimental Eye Research</i> , 1997 , 64, 45-56	3.7	17
62	Three Dimensional Structure Prediction of Fatty Acid Binding Site on Human Transmembrane Receptor CD36. <i>Bioinformatics and Biology Insights</i> , 2013 , 7, 369-73	5.3	16
61	Large scale genomic analysis of 3067 SARS-CoV-2 genomes reveals a clonal geo-distribution and a rich genetic variations of hotspots mutations		16
60	Investigating the association of vascular endothelial growth factor polymorphisms with breast cancer: a Moroccan case-control study. <i>Medical Oncology</i> , 2014 , 31, 193	3.7	15
59	Adenylyl cyclase P-site ligands accelerate differentiation in Ob1771 preadipocytes. <i>American Journal of Physiology - Cell Physiology</i> , 1999 , 276, C487-96	5.4	15
58	Consumption of Argan Oil Improves Anti-Oxidant and Lipid Status in Hemodialysis Patients. <i>Phytotherapy Research</i> , 2015 , 29, 1595-9	6.7	14

57	Intensive care unit-acquired infections in a Moroccan teaching hospital: epidemiology, risk factors and outcome. <i>Germes</i> , 2017 , 7, 193-205	2	13
56	Synthesis, anti-inflammatory evaluation in vivo and docking studies of some new 5-(benzo[b]furan-2-ylmethyl)-6-methyl-pyridazin- 3(2H) -one derivatives. <i>Journal of Molecular Structure</i> , 2018 , 1153, 119-127	3-4	11
55	Single-Molecule Sequencing (PacBio) of the NRCS-A Clone Reveals the Basis of Multidrug Resistance and Adaptation to the Neonatal Intensive Care Unit Environment. <i>Frontiers in Microbiology</i> , 2016 , 7, 1991	5-7	11
54	Stroke and syphilis: A retrospective study of 53 patients. <i>Revue Neurologique</i> , 2018 , 174, 313-318	3	10
53	A review on PIM kinases in tumors. <i>Bioinformation</i> , 2019 , 15, 40-45	1-1	10
52	Docking analysis of verteporfin with YAP WW domain. <i>Bioinformation</i> , 2017 , 13, 237-240	1-1	9
51	Molecular screening and docking analysis of LMTK3 and AKT1 combined inhibitors. <i>Bioinformation</i> , 2018 , 14, 499-503	1-1	8
50	Genomic diversity and hotspot mutations in 30,983 SARS-CoV-2 genomes: moving toward a universal vaccine for the "confined virus"?		8
49	Structure-activity relationships study of mTOR kinase inhibition using QSAR and structure-based drug design approaches. <i>OncoTargets and Therapy</i> , 2016 , 9, 7345-7353	4-4	8
48	The single nucleotide polymorphism +936 C/T VEGF is associated with human epidermal growth factor receptor 2 expression in Moroccan breast cancer women. <i>Medical Oncology</i> , 2014 , 31, 336	3-7	7
47	Determination and validation of mTOR kinase-domain 3D structure by homology modeling. <i>OncoTargets and Therapy</i> , 2015 , 8, 1923-30	4-4	7
46	Multiple sclerosis: clinical characteristics and disability progression in Moroccan children. <i>Journal of the Neurological Sciences</i> , 2014 , 346, 128-32	3-2	6
45	Non-contiguous finished genome sequence of Staphylococcus capitis CR01 (pulsetype NRCS-A). <i>Standards in Genomic Sciences</i> , 2014 , 9, 1118-27		6
44	Evaluation of antimicrobial susceptibility of Escherichia coli strains isolated in Rabat University Hospital (Morocco). <i>BMC Research Notes</i> , 2015 , 8, 392	2-3	6
43	Relationship between vitamin D deficiency and chronic low back pain in postmenopausal women. <i>Current Rheumatology Reviews</i> , 2013 , 9, 63-7	1-6	6
42	Re-positioning of known drugs for Pim-1 kinase target using molecular docking analysis. <i>Bioinformation</i> , 2019 , 15, 116-120	1-1	6
41	analysis of ACE2 orthologues to predict animal host range with high susceptibility to SARS-CoV-2. <i>3 Biotech</i> , 2020 , 10, 483	2-8	6
40	Genome Sequences of Six SARS-CoV-2 Strains Isolated in Morocco, Obtained Using Oxford Nanopore MinION Technology. <i>Microbiology Resource Announcements</i> , 2020 , 9,	1-3	6

39	Syneresis investigations of lacto-fermented sodium caseinate in a mixed model system. <i>BMC Biotechnology</i> , 2019 , 19, 57	3.5	5
38	Design, synthesis, structural and molecular characterization, toxicity, psychotropic activity and molecular docking evaluation of a novel phenytoin derivative: 3-decyl-5,5-diphenylimidazolidine-2,4-dione. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-18	3.6	5
37	The displacement study of Tc-DTPA-Human serum albumin binding in presence of furosemide and metformin by using equilibrium dialysis and molecular docking. <i>IUBMB Life</i> , 2019 , 71, 2003-2009	4.7	4
36	Affinity comparison of different THCA synthase to CBGA using modeling computational approaches. <i>Bioinformatics</i> , 2014 , 10, 33-8	1.1	4
35	Computational Analysis of , and Mutations in Low-Grade Gliomas Including Oligodendrogliomas and Astrocytomas. <i>Cancer Informatics</i> , 2020 , 19, 1176935120915839	2.4	4
34	First report of SLC39A4 mutation in acrodermatitis enteropathica family from the Middle East. <i>International Journal of Dermatology</i> , 2017 , 56, e97-e100	1.7	3
33	Curcumin-Synthetic Analogs Library Screening by Docking and Quantitative Structure-Activity Relationship Studies for AXL Tyrosine Kinase Inhibition in Cancers. <i>Journal of Computational Biology</i> , 2019 , 26, 1156-1167	1.7	3
32	Antioxidants status in type 2 diabetic patients in Morocco. <i>Turkish Journal of Medical Sciences</i> , 2017 , 47, 782-788	2.7	3
31	Hypoglycemic Effect of Calendula arvensis Flowers is Mediated by Digestive Enzyme Inhibition. <i>Current Bioactive Compounds</i> , 2020 , 16, 588-592	0.9	3
30	The Whole Genome Expression Analysis using Two Microarray Technologies to Identify Gene Networks That Mediate the Myocardial Phenotype of CD36 Deficiency. <i>Bioinformatics</i> , 2013 , 9, 849-52	1.1	3
29	Identifying epitopes for cluster of differentiation and design of new peptides inhibitors against human SARS-CoV-2 spike RBD by an approach. <i>Heliyon</i> , 2020 , 6, e05739	3.6	3
28	In silico exploration of small-molecule helix mimetics as inhibitors of SARS-COV-2 attachment to ACE2. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020 , 1-12	3.6	3
27	Bioinformatics Analysis of Differentially Expressed Genes and miRNAs in Low-Grade Gliomas. <i>Cancer Informatics</i> , 2020 , 19, 1176935120969692	2.4	3
26	A year of genomic surveillance reveals how the SARS-CoV-2 pandemic unfolded in Africa		3
25	Effect of CYP2C9, VKORC1, CYP4F2, and GGX gene variants and patient characteristics on acenocoumarol maintenance dose: Proposal for a dosing algorithm for Moroccan patients. <i>Drug Discoveries and Therapeutics</i> , 2018 , 12, 68-76	5	3
24	Does developing multiple-choice Questions Improve Medical Students' Learning? A Systematic Review.. <i>Medical Education Online</i> , 2022 , 27, 2005505	4.4	3
23	First Whole-Genome Sequences of Two Multidrug-Resistant Strains Isolated from a Moroccan Hospital Floor. <i>Genome Announcements</i> , 2017 , 5,		2
22	Three-dimensional Structure Prediction of the Human LMTK3 Catalytic Domain in DYG-in Conformation. <i>Journal of Biomolecular Research & Therapeutics</i> , 2017 , 06,		2

21	Insight into the mechanism of lipids binding and uptake by CD36 receptor. <i>Bioinformation</i> , 2015 , 11, 302-61	2	
20	Do the Moroccan SARS-CoV-2 genetic diversity hamper the use of the developed universal vaccines in Morocco?	2	
19	Report of SARS-CoV-2 B1.1.7 Lineage in Morocco. <i>Microbiology Resource Announcements</i> , 2021 , 10,	1.3	2
18	Virtual docking screening and QSAR studies to explore AKT and mTOR inhibitors acting on PI3K in cancers. <i>Wspolczesna Onkologia</i> , 2020 , 24, 5-12	1	1
17	Whole-Genome Shotgun Sequences of Three Multidrug-Resistant Strains Isolated from Morocco. <i>Genome Announcements</i> , 2017 , 5,		1
16	AKT1 Polymorphism (rs10138227) and Risk of Colorectal Cancer in Moroccan Population: A Case Control Study. <i>Asian Pacific Journal of Cancer Prevention</i> , 2020 , 21, 3165-3170	1.7	1
15	Microarray Integrated Analysis of a Gene Network for the CD36 Myocardial Phenotype. <i>Bioinformation</i> , 2016 , 12, 332-339	1.1	1
14	Genes selection comparative study in microarray data analysis. <i>Bioinformation</i> , 2013 , 9, 1019-22	1.1	1
13	Characteristics and Outcomes of Cytomegalovirus Infection in Seropositive Kidney Transplant Recipients in the Era of Antiviral Prophylaxis with Valacyclovir: A Single-Center Study in Morocco. <i>Transplant Research and Risk Management</i> , Volume 13, 1-13	1.1	1
12	Variants of human CLDN9 cause mild to profound hearing loss. <i>Human Mutation</i> , 2021 , 42, 1321-1335	4.7	1
11	Synthesis, spectroscopic characterization, crystal structure, DFT, ESI-MS studies, molecular docking and in vitro antibacterial activity of 1,5-benzodiazepin-2-one derivatives. <i>Journal of Molecular Structure</i> , 2022 , 1247, 131188	3.4	1
10	IDbSV: An Open-Access Repository for Monitoring SARS-CoV-2 Variations and Evolution.. <i>Frontiers in Medicine</i> , 2021 , 8, 765249	4.9	1
9	Report of SARS-CoV-2 BA.1 Lineage in Morocco.. <i>Microbiology Resource Announcements</i> , 2022 , e00169221,	1.3	1
8	The computational analyses, molecular dynamics of fatty-acid transport mechanism to the CD36 receptor. <i>Scientific Reports</i> , 2021 , 11, 23207	4.9	0
7	Toxicité aiguë, cytotoxicité et effet antiradicalaire de l'extrait méthanolique des feuilles de <i>Asphodelus</i> , <i>Asphodelus microcarpus</i> . <i>Phytotherapie</i> , 2020 , 18, 284-290	0.4	0
6	identification of potential inhibitors targeting the DNA binding domain of estrogen receptor [for the treatment of hormone therapy-resistant breast cancer. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-8	3.6	0
5	Creaming behavior prediction of argan oil in water emulsion stabilized by lacto-fermentation: creaming index. <i>BMC Biotechnology</i> , 2021 , 21, 53	3.5	0
4	Synthesis, molecular docking, ADMET evaluation and cytotoxic activity evaluation on RD and L20B cell lines of 3-substituted 5,5-diphenylimidazolidine-2,4-dione derivatives.. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022 , 1-9	3.6	0

- 3 AKT1 Polymorphism (rs10138227) and Risk of Colorectal Cancer in Moroccan Population: A Case Control Study. *Asian Pacific Journal of Cancer Prevention*, **2020**, 21, 3165-3170 1.7
- 2 Metabolic and genetic studies of glimepiride and metformin and their association with type 2 diabetes. *Gene Reports*, **2020**, 21, 100787 1.4
- 1 Identification of single nucleotide variants in the Moroccan population by whole-genome sequencing. *BMC Genetics*, **2020**, 21, 111 2.6