Ahmet Sacan

List of Publications by Year
in descending order

34	1,014	567144	580701
papers	citations	15	25
		h-index	g-index

34	34	34	1705
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Xist attenuates acute inflammatory response by female cells. Cellular and Molecular Life Sciences, 2021, 78, 299-316.	2.4	22
2	Therapeutic and prophylactic effects of macrophage-derived small extracellular vesicles in the attenuation of inflammatory pain. Brain, Behavior, and Immunity, 2021, 94, 210-224.	2.0	14
3	Differential RNA packaging into small extracellular vesicles by neurons and astrocytes. Cell Communication and Signaling, 2021, 19, 75.	2.7	11
4	Circulating microRNAs from the mouse tibia fracture model reflect the signature from patients with complex regional pain syndrome. Pain Reports, 2021, 6, e950.	1.4	2
5	Proteome characterization of small extracellular vesicles from spared nerve injury model of neuropathic pain. Journal of Proteomics, 2020, 211, 103540.	1.2	19
6	Inflammation potentiates miRâ€939 expression and packaging into small extracellular vesicles. Journal of Extracellular Vesicles, 2019, 8, 1650595.	5.5	38
7	Exosome microRNA signatures in patients with complex regional pain syndrome undergoing plasma exchange. Journal of Translational Medicine, 2019, 17, 81.	1.8	32
8	Analysis of Paired miRNA-mRNA Microarray Expression Data Using a Stepwise Multiple Linear Regression Model. Lecture Notes in Computer Science, 2017, , 59-70.	1.0	1
9	Investigation of data-driven optical neuromonitoring approach during general anesthesia with sevoflurane. Neurophotonics, 2017, 4, 1.	1.7	11
10	Regulation of proinflammatory genes by the circulating microRNA hsa-miR-939. Scientific Reports, 2016, 6, 30976.	1.6	33
11	Circulating microRNA Signatures in Rodent Models of Pain. Molecular Neurobiology, 2016, 53, 3416-3427.	1.9	26
12	UniAlign: protein structure alignment meets evolution. Bioinformatics, 2015, 31, 3139-3146.	1.8	8
13	Effect of Histone Deacetylase Inhibitor JNJ-26481585 in Pain. Journal of Molecular Neuroscience, 2015, 55, 570-578.	1.1	21
14	Analgesic Response to Intravenous Ketamine Is Linked toÂaÂCirculating microRNA Signature in Female Patients WithÂComplex Regional Pain Syndrome. Journal of Pain, 2015, 16, 814-824.	0.7	37
15	Content-based search of gene expression databases using binary fingerprints of differential expression profiles. Network Modeling Analysis in Health Informatics and Bioinformatics, 2015, 4, 1.	1.2	0
16	Functional significance of macrophage-derived exosomes in inflammation and pain. Pain, 2014, 155, 1527-1539.	2.0	253
17	A novel method for the normalization of microRNA RT-PCR data. BMC Medical Genomics, 2013, 6, S14.	0.7	33
18	Automated wound identification system based on image segmentation and Artificial Neural Networks. , 2012, , .		37

#	Article	IF	Citations
19	Meta-analysis of protein structural alignment. , 2012, , .		1
20	Data simulation and regulatory network reconstruction from time-series microarray data using stepwise multiple linear regression. Network Modeling Analysis in Health Informatics and Bioinformatics, 2012, 1, 3-17.	1.2	12
21	Reconstruction of gene regulatory networks by stepwise multiple linear regression from time-series microarray data. , 2012, , .		0
22	Content based searching of gene expression databases using binary fingerprints of differential expression profiles. , 2012, , .		3
23	Applications and Limitations of In Silico Models in Drug Discovery. Methods in Molecular Biology, 2012, 910, 87-124.	0.4	42
24	Reconstruction of gene regulatory networks by stepwise multiple linear regression from time-series microarray data. , 2011, , .		1
25	Protein Structure Visualization by Dimension Reduction and Texture Mapping. , 2011, , .		2
26	MicroRNA modulation in complex regional pain syndrome. Journal of Translational Medicine, 2011, 9, 195.	1.8	142
27	BioDB: Integration of biological knowledgebases. , 2011, , .		1
28	Comparing the yeast retrograde response and NFâ€ĵºB stress responses: implications for aging. Aging Cell, 2010, 9, 933-941.	3.0	59
29	Sequence Alignment Reveals Possible MAPK Docking Motifs on HIV Proteins. PLoS ONE, 2010, 5, e8942.	1.1	10
30	MicroarrayDesigner: an online search tool and repository for near-optimal microarray experimental designs. BMC Bioinformatics, 2009, 10, 304.	1.2	5
31	CellTrack: an open-source software for cell tracking and motility analysis. Bioinformatics, 2008, 24, 1647-1649.	1.8	89
32	Integrated search and alignment of protein structures. Bioinformatics, 2008, 24, 2872-2879.	1.8	21
33	LFM-Pro: a tool for detecting significant local structural sites in proteins. Bioinformatics, 2007, 23, 709-716.	1.8	23
34	Amino Acid Substitution Matrices Based on 4-Body Delaunay Contact Profiles. , 2007, , .		5