

Francesco Cappello

List of Publications by Citations

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238
papers

9,704
citations

46
h-index

91
g-index

260
ext. papers

11,673
ext. citations

4.7
avg, IF

6.05
L-index

#	Paper	IF	Citations
238	Biological properties of extracellular vesicles and their physiological functions. <i>Journal of Extracellular Vesicles</i> , 2015 , 4, 27066	16.4	2611
237	Evidence-Based Clinical Use of Nanoscale Extracellular Vesicles in Nanomedicine. <i>ACS Nano</i> , 2016 , 10, 3886-99	16.7	304
236	Potential Health Benefits of Olive Oil and Plant Polyphenols. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	240
235	Isolation and characterization of Oct-4+/HLA-G+ mesenchymal stem cells from human umbilical cord matrix: differentiation potential and detection of new markers. <i>Histochemistry and Cell Biology</i> , 2009 , 131, 267-82	2.4	208
234	Hsp60 expression, new locations, functions and perspectives for cancer diagnosis and therapy. <i>Cancer Biology and Therapy</i> , 2008 , 7, 801-9	4.6	190
233	New emerging potentials for human Wharton's jelly mesenchymal stem cells: immunological features and hepatocyte-like differentiative capacity. <i>Stem Cells and Development</i> , 2010 , 19, 423-38	4.4	166
232	A conceptually new treatment approach for relapsed glioblastoma: coordinated undermining of survival paths with nine repurposed drugs (CUSP9) by the International Initiative for Accelerated Improvement of Glioblastoma Care. <i>Oncotarget</i> , 2013 , 4, 502-30	3.3	131
231	Hsp60 is actively secreted by human tumor cells. <i>PLoS ONE</i> , 2010 , 5, e9247	3.7	126
230	Mitochondrial chaperones in cancer: from molecular biology to clinical diagnostics. <i>Cancer Biology and Therapy</i> , 2006 , 5, 714-20	4.6	116
229	Exosome levels in human body fluids: A tumor marker by themselves?. <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 96, 93-98	5.1	112
228	Hsp60 chaperonopathies and chaperonotherapy: targets and agents. <i>Expert Opinion on Therapeutic Targets</i> , 2014 , 18, 185-208	6.4	103
227	Heat shock protein 60 levels in tissue and circulating exosomes in human large bowel cancer before and after ablative surgery. <i>Cancer</i> , 2015 , 121, 3230-9	6.4	98
226	60KDa chaperonin (HSP60) is over-expressed during colorectal carcinogenesis. <i>European Journal of Histochemistry</i> , 2003 , 47, 105-10	2.1	98
225	The odyssey of Hsp60 from tumor cells to other destinations includes plasma membrane-associated stages and Golgi and exosomal protein-trafficking modalities. <i>PLoS ONE</i> , 2012 , 7, e42008	3.7	92
224	The expression of HSP60 and HSP10 in large bowel carcinomas with lymph node metastase. <i>BMC Cancer</i> , 2005 , 5, 139	4.8	91
223	Immunohistochemical evaluation of PCNA, p53, HSP60, HSP10 and MUC-2 presence and expression in prostate carcinogenesis. <i>Anticancer Research</i> , 2003 , 23, 1325-31	2.3	89
222	Silibinin modulates lipid homeostasis and inhibits nuclear factor kappa B activation in experimental nonalcoholic steatohepatitis. <i>Translational Research</i> , 2012 , 159, 477-86	11	87

221	Inflammatory bowel disease, colorectal cancer and type 2 diabetes mellitus: The links. <i>BBA Clinical</i> , 2016 , 5, 16-24		83
220	Insulin Resistance as Common Molecular Denominator Linking Obesity to Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2015 , 12, 723-35	3	81
219	Chlamydia trachomatis infection and anti-Hsp60 immunity: the two sides of the coin. <i>PLoS Pathogens</i> , 2009 , 5, e1000552	7.6	80
218	Innate immunity but not NLRP3 inflammasome activation correlates with severity of stable COPD. <i>Thorax</i> , 2014 , 69, 516-24	7.3	79
217	Ten kilodalton heat shock protein (HSP10) is overexpressed during carcinogenesis of large bowel and uterine exocervix. <i>Cancer Letters</i> , 2003 , 196, 35-41	9.9	79
216	HSP-molecular chaperones in cancer biogenesis and tumor therapy: an overview. <i>Anticancer Research</i> , 2012 , 32, 5139-50	2.3	79
215	Hsp60 and Hsp10 down-regulation predicts bronchial epithelial carcinogenesis in smokers with chronic obstructive pulmonary disease. <i>Cancer</i> , 2006 , 107, 2417-24	6.4	78
214	Nutrition, oxidative stress and intestinal dysbiosis: Influence of diet on gut microbiota in inflammatory bowel diseases. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2016 , 160, 461-466	1.7	74
213	Potential therapeutic effects of natural heme oxygenase-1 inducers in cardiovascular diseases. <i>Antioxidants and Redox Signaling</i> , 2013 , 18, 507-21	8.4	73
212	Extracellular vesicles as shuttles of tumor biomarkers and anti-tumor drugs. <i>Frontiers in Oncology</i> , 2014 , 4, 267	5.3	71
211	Extracellular Vesicle-Mediated Cell-Cell Communication in the Nervous System: Focus on Neurological Diseases. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	68
210	Expression of 60-kD heat shock protein increases during carcinogenesis in the uterine exocervix. <i>Pathobiology</i> , 2002 , 70, 83-8	3.6	67
209	Kinking, coiling, and tortuosity of extracranial internal carotid artery: is it the effect of a metaplasia?. <i>Surgical and Radiologic Anatomy</i> , 2006 , 28, 573-80	1.4	61
208	Molecular mimicry may explain multi-organ damage in COVID-19. <i>Autoimmunity Reviews</i> , 2020 , 19, 102591	3.6	60
207	Inflammation in irritable bowel syndrome: Myth or new treatment target?. <i>World Journal of Gastroenterology</i> , 2016 , 22, 2242-55	5.6	60
206	Exosomal HSP60: a potentially useful biomarker for diagnosis, assessing prognosis, and monitoring response to treatment. <i>Expert Review of Molecular Diagnostics</i> , 2017 , 17, 815-822	3.8	59
205	DNA Hypomethylation and Histone Variant macroH2A1 Synergistically Attenuate Chemotherapy-Induced Senescence to Promote Hepatocellular Carcinoma Progression. <i>Cancer Research</i> , 2016 , 76, 594-606	10.1	58
204	Hsp60 and heme oxygenase-1 (Hsp32) in acute myocardial infarction. <i>Translational Research</i> , 2011 , 157, 285-92	11	58

203	Hsp60, a novel target for antitumor therapy: structure-function features and prospective drugs design. <i>Current Pharmaceutical Design</i> , 2013 , 19, 2757-64	3.3	55
202	Is molecular mimicry the culprit in the autoimmune haemolytic anaemia affecting patients with COVID-19?. <i>British Journal of Haematology</i> , 2020 , 190, e92-e93	4.5	54
201	Human Hsp10 and Early Pregnancy Factor (EPF) and their relationship and involvement in cancer and immunity: current knowledge and perspectives. <i>Life Sciences</i> , 2010 , 86, 145-52	6.8	53
200	On the Choice of the Extracellular Vesicles for Therapeutic Purposes. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	53
199	Immunopositivity for histone macroH2A1 isoforms marks steatosis-associated hepatocellular carcinoma. <i>PLoS ONE</i> , 2013 , 8, e54458	3.7	52
198	Lymphatic vessels of the dura mater: a new discovery?. <i>Journal of Anatomy</i> , 2015 , 227, 702-3	2.9	49
197	The histone deacetylase inhibitor SAHA induces HSP60 nitration and its extracellular release by exosomal vesicles in human lung-derived carcinoma cells. <i>Oncotarget</i> , 2016 , 7, 28849-67	3.3	49
196	Bronchial inflammation and bacterial load in stable COPD is associated with TLR4 overexpression. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	48
195	Glucagon-like peptide-2 and mouse intestinal adaptation to a high-fat diet. <i>Journal of Endocrinology</i> , 2013 , 217, 11-20	4.7	47
194	Human molecular chaperones share with SARS-CoV-2 antigenic epitopes potentially capable of eliciting autoimmunity against endothelial cells: possible role of molecular mimicry in COVID-19. <i>Cell Stress and Chaperones</i> , 2020 , 25, 737-741	4	47
193	Efficacy and epigenetic interactions of novel DNA hypomethylating agent guadecitabine (SGI-110) in preclinical models of hepatocellular carcinoma. <i>Epigenetics</i> , 2016 , 11, 709-720	5.7	46
192	Skeletal muscle Heat shock protein 60 increases after endurance training and induces peroxisome proliferator-activated receptor gamma coactivator 1 α expression. <i>Scientific Reports</i> , 2016 , 6, 19781	4.9	46
191	Heat shock protein 10 and signal transduction: a "capsula eburnea" of carcinogenesis?. <i>Cell Stress and Chaperones</i> , 2006 , 11, 287-94	4	46
190	Convergent sets of data from in vivo and in vitro methods point to an active role of Hsp60 in chronic obstructive pulmonary disease pathogenesis. <i>PLoS ONE</i> , 2011 , 6, e28200	3.7	45
189	Geldanamycin-induced osteosarcoma cell death is associated with hyperacetylation and loss of mitochondrial pool of heat shock protein 60 (hsp60). <i>PLoS ONE</i> , 2013 , 8, e71135	3.7	45
188	Heat shock protein 70 serum levels differ significantly in patients with chronic hepatitis, liver cirrhosis, and hepatocellular carcinoma. <i>Frontiers in Immunology</i> , 2014 , 5, 307	8.4	44
187	Hsp10, Hsp70, and Hsp90 immunohistochemical levels change in ulcerative colitis after therapy. <i>European Journal of Histochemistry</i> , 2011 , 55, e38	2.1	44
186	Elevated blood Hsp60, its structural similarities and cross-reactivity with thyroid molecules, and its presence on the plasma membrane of oncocytes point to the chaperonin as an immunopathogenic factor in Hashimoto's thyroiditis. <i>Cell Stress and Chaperones</i> , 2014 , 19, 343-53	4	43

185	Chaperonopathies of senescence and the scrambling of interactions between the chaperoning and the immune systems. <i>Annals of the New York Academy of Sciences</i> , 2010 , 1197, 85-93	6.5	43
184	Oxidative stress induces myeloperoxidase expression in endocardial endothelial cells from patients with chronic heart failure. <i>Basic Research in Cardiology</i> , 2009 , 104, 307-20	11.8	42
183	Evidence of heavy methylation in the galectin 3 promoter in early stages of prostate adenocarcinoma: development and validation of a methylated marker for early diagnosis of prostate cancer. <i>Translational Oncology</i> , 2009 , 2, 146-56	4.9	42
182	Chaperonin of Group I: Oligomeric Spectrum and Biochemical and Biological Implications. <i>Frontiers in Molecular Biosciences</i> , 2017 , 4, 99	5.6	41
181	Doxorubicin anti-tumor mechanisms include Hsp60 post-translational modifications leading to the Hsp60/p53 complex dissociation and instauration of replicative senescence. <i>Cancer Letters</i> , 2017 , 385, 75-86	9.9	40
180	Hsp60 and Hsp10 increase in colon mucosa of Crohn's disease and ulcerative colitis. <i>Cell Stress and Chaperones</i> , 2010 , 15, 877-84	4	40
179	BRAF(V600E) mutation influences hypoxia-inducible factor-1alpha expression levels in papillary thyroid cancer. <i>Modern Pathology</i> , 2010 , 23, 1052-60	9.8	38
178	Human Hsp60 with its mitochondrial import signal occurs in solution as heptamers and tetradecamers remarkably stable over a wide range of concentrations. <i>PLoS ONE</i> , 2014 , 9, e97657	3.7	37
177	Heat-shock protein 60 kDa and atherogenic dyslipidemia in patients with untreated mild periodontitis: a pilot study. <i>Cell Stress and Chaperones</i> , 2012 , 17, 399-407	4	36
176	Immunopositivity of heat shock protein 60 as a biomarker of bronchial carcinogenesis. <i>Lancet Oncology</i> , 2005 , 6, 816	21.7	36
175	Primitive Neuroectodermal Tumor (PNET) of the kidney: a case report. <i>BMC Cancer</i> , 2004 , 4, 3	4.8	36
174	The dissociation of the Hsp60/pro-Caspase-3 complex by bis(pyridyl)oxadiazole copper complex (CubipyOXA) leads to cell death in NCI-H292 cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2017 , 170, 8-16	4.2	35
173	Effects of Nandrolone Stimulation on Testosterone Biosynthesis in Leydig Cells. <i>Journal of Cellular Physiology</i> , 2016 , 231, 1385-91	7	34
172	A comparative analysis of the products of GROEL-1 gene from Chlamydia trachomatis serovar D and the HSP60 var1 transcript from Homo sapiens suggests a possible autoimmune response. <i>International Journal of Immunogenetics</i> , 2009 , 36, 73-8	2.3	34
171	Alcoholic Liver Disease: A Mouse Model Reveals Protection by Lactobacillus fermentum. <i>Clinical and Translational Gastroenterology</i> , 2016 , 7, e138	4.2	33
170	Endurance exercise and conjugated linoleic acid (CLA) supplementation up-regulate CYP17A1 and stimulate testosterone biosynthesis. <i>PLoS ONE</i> , 2013 , 8, e79686	3.7	33
169	Is chlamydial heat shock protein 60 a risk factor for oncogenesis?. <i>Cellular and Molecular Life Sciences</i> , 2005 , 62, 4-9	10.3	33
168	The molecular anatomy of human Hsp60 and its similarity with that of bacterial orthologs and acetylcholine receptor reveal a potential pathogenetic role of anti-chaperonin immunity in myasthenia gravis. <i>Cellular and Molecular Neurobiology</i> , 2012 , 32, 943-7	4.6	32

167	Increased expression of transketolase-like-1 in papillary thyroid carcinomas smaller than 1.5 cm in diameter is associated with lymph-node metastases. <i>Cancer</i> , 2008 , 113, 936-44	6.4	32
166	Involvement of caspase-3 and GD3 ganglioside in ceramide-induced apoptosis in Farber disease. <i>Journal of Histochemistry and Cytochemistry</i> , 2000 , 48, 57-62	3.4	32
165	Human primary macrophages scavenge AuNPs and eliminate it through exosomes. A natural shuttling for nanomaterials. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 137, 23-36	5.7	32
164	Mutual antagonism between circadian protein period 2 and hepatitis C virus replication in hepatocytes. <i>PLoS ONE</i> , 2013 , 8, e60527	3.7	31
163	TGF- β Signaling Pathways in Different Compartments of the Lower Airways of Patients With Stable COPD. <i>Chest</i> , 2018 , 153, 851-862	5.3	30
162	Exosomal Heat Shock Proteins as New Players in Tumour Cell-to-Cell Communication. <i>Journal of Circulating Biomarkers</i> , 2014 , 3, 4	3.3	30
161	GLP-2 as Beneficial Factor in the Glucose Homeostasis in Mice Fed a High Fat Diet. <i>Journal of Cellular Physiology</i> , 2015 , 230, 3029-36	7	30
160	Quantitative patterns of Hsps in tubular adenoma compared with normal and tumor tissues reveal the value of Hsp10 and Hsp60 in early diagnosis of large bowel cancer. <i>Cell Stress and Chaperones</i> , 2016 , 21, 927-33	4	29
159	Gut microbiota imbalance and chaperoning system malfunction are central to ulcerative colitis pathogenesis and can be counteracted with specifically designed probiotics: a working hypothesis. <i>Medical Microbiology and Immunology</i> , 2013 , 202, 393-406	4	29
158	Increased nitrotyrosine plasma levels in relation to systemic markers of inflammation and myeloperoxidase in chronic heart failure. <i>International Journal of Cardiology</i> , 2009 , 135, 386-90	3.2	29
157	Hsp60 and Hsp10 as antitumor molecular agents. <i>Cancer Biology and Therapy</i> , 2007 , 6, 487-9	4.6	29
156	Hsp60, amateur chaperone in amyloid-beta fibrillogenesis. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016 , 1860, 2474-2483	4	29
155	Heat shock protein-60 and risk for cardiovascular disease. <i>Current Pharmaceutical Design</i> , 2011 , 17, 3662-3	3.8	28
154	Changes in immunohistochemical levels and subcellular localization after therapy and correlation and colocalization with CD68 suggest a pathogenetic role of Hsp60 in ulcerative colitis. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2011 , 19, 552-61	1.9	28
153	Exosomal Chaperones and miRNAs in Gliomagenesis: State-of-Art and Theranostics Perspectives. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	28
152	Hsp60 Post-translational Modifications: Functional and Pathological Consequences. <i>Frontiers in Molecular Biosciences</i> , 2020 , 7, 95	5.6	27
151	Amphiregulin activates human hepatic stellate cells and is upregulated in non alcoholic steatohepatitis. <i>Scientific Reports</i> , 2015 , 5, 8812	4.9	27
150	Does SARS-CoV-2 Trigger Stress-Induced Autoimmunity by Molecular Mimicry? A Hypothesis. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	26

149	Fasting regulates EGR1 and protects from glucose- and dexamethasone-dependent sensitization to chemotherapy. <i>PLoS Biology</i> , 2017 , 15, e2001951	9.7	26
148	Cigarette smoke exposure inhibits extracellular MMP-2 (gelatinase A) activity in human lung fibroblasts. <i>Respiratory Research</i> , 2007 , 8, 23	7.3	26
147	New therapeutic perspectives in irritable bowel syndrome: Targeting low-grade inflammation, immuno-neuroendocrine axis, motility, secretion and beyond. <i>World Journal of Gastroenterology</i> , 2017 , 23, 6593-6627	5.6	25
146	CD1a and antitumour immune response. <i>Immunology Letters</i> , 2004 , 95, 1-4	4.1	25
145	Ethanol-Mediated Stress Promotes Autophagic Survival and Aggressiveness of Colon Cancer Cells via Activation of Nrf2/HO-1 Pathway. <i>Cancers</i> , 2019 , 11,	6.6	24
144	Histone macroH2A1.2 promotes metabolic health and leanness by inhibiting adipogenesis. <i>Epigenetics and Chromatin</i> , 2016 , 9, 45	5.8	24
143	Immunomorphological Pattern of Molecular Chaperones in Normal and Pathological Thyroid Tissues and Circulating Exosomes: Potential Use in Clinics. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	23
142	Plantar pressure distribution analysis in normal weight young women and men with normal and claw feet: a cross-sectional study. <i>Clinical Anatomy</i> , 2005 , 18, 245-50	2.5	23
141	Synovial sarcoma and malignant mesothelioma of the pleura: review, differential diagnosis and possible role of apoptosis. <i>Pathology</i> , 2001 , 33, 142-8	1.6	23
140	Bacterial-viral load and the immune response in stable and exacerbated COPD: significance and therapeutic prospects. <i>International Journal of COPD</i> , 2016 , 11, 445-53	3	23
139	COVID-19 and molecular mimicry: The Columbus' egg?. <i>Journal of Clinical Neuroscience</i> , 2020 , 77, 246	2.2	22
138	Hsp60 and human aging: Les liaisons dangereuses. <i>Frontiers in Bioscience - Landmark</i> , 2013 , 18, 626-37	2.8	22
137	Hsp60: molecular anatomy and role in colorectal cancer diagnosis and treatment. <i>Frontiers in Bioscience - Scholar</i> , 2011 , 3, 341-51	2.4	22
136	Spatial and temporal dynamics of innervation during the development of fetal human pancreas. <i>Neuroscience</i> , 2008 , 154, 1477-87	3.9	22
135	CD1a down-regulation in primary invasive ductal breast carcinoma may predict regional lymph node invasion and patient outcome. <i>Histopathology</i> , 2008 , 52, 203-12	7.3	22
134	Extracellular Superoxide Dismutase Expression in Papillary Thyroid Cancer Mesenchymal Stem/Stromal Cells Modulates Cancer Cell Growth and Migration. <i>Scientific Reports</i> , 2017 , 7, 41416	4.9	21
133	Mitochondrial DNA mutations in cancer--from bench to bedside. <i>Frontiers in Bioscience - Landmark</i> , 2010 , 15, 437-60	2.8	21
132	Hsp60 response in experimental and human temporal lobe epilepsy. <i>Scientific Reports</i> , 2015 , 5, 9434	4.9	20

131	Influence of endogenous glucagon-like peptide-2 on lipid disorders in mice fed a high-fat diet. <i>Endocrine Research</i> , 2016 , 41, 317-324	1.9	20
130	Chaperonopathies and Chaperonotherapy. Hsp60 as Therapeutic Target in Cancer: Potential Benefits and Risks. <i>Current Pharmaceutical Design</i> , 2013 , 19, 452-457	3.3	20
129	OPLA scaffold, collagen I, and horse serum induce an higher degree of myogenic differentiation of adult rat cardiac stem cells. <i>Journal of Cellular Physiology</i> , 2009 , 221, 729-39	7	20
128	Carcinosarcoma of monoclonal origin arising in a dermoid cyst of ovary: a case report. <i>BMC Cancer</i> , 2006 , 6, 47	4.8	20
127	Hsp10: anatomic distribution, functions, and involvement in human disease. <i>Frontiers in Bioscience - Elite</i> , 2013 , 5, 768-78	1.6	19
126	Defective apoptosis and tumorigenesis: role of p53 mutation and Fas/FasL system dysregulation. <i>European Journal of Histochemistry</i> , 2002 , 46, 199-208	2.1	19
125	Cardiac stem cell research: an elephant in the room?. <i>Anatomical Record</i> , 2009 , 292, 449-54	2.1	19
124	High-resolution computed tomography quantitation of emphysema is correlated with selected lung function values in stable COPD. <i>Respiration</i> , 2012 , 83, 383-90	3.7	19
123	Hypoxia inducible factor-1 alpha expression is increased in infected positive HPV16 DNA oral squamous cell carcinoma and positively associated with HPV16 E7 oncoprotein. <i>Infectious Agents and Cancer</i> , 2011 , 6, 18	3.5	18
122	Comparative analysis of Hsp10 and Hsp90 expression in healthy mucosa and adenocarcinoma of the large bowel. <i>Anticancer Research</i> , 2014 , 34, 4153-9	2.3	18
121	Nandrolone decanoate interferes with testosterone biosynthesis altering blood-testis barrier components. <i>Journal of Cellular and Molecular Medicine</i> , 2017 , 21, 1636-1647	5.6	17
120	HSP60 activity on human bronchial epithelial cells. <i>International Journal of Immunopathology and Pharmacology</i> , 2017 , 30, 333-340	3	17
119	Effects of Conjugated Linoleic Acid Associated With Endurance Exercise on Muscle Fibres and Peroxisome Proliferator-Activated Receptor [Coactivator 1] Isoforms. <i>Journal of Cellular Physiology</i> , 2017 , 232, 1086-1094	7	17
118	Molecular oncology focus - is carcinogenesis a 'mitochondriopathy'?. <i>Journal of Biomedical Science</i> , 2010 , 17, 31	13.3	17
117	HSP60 expression during carcinogenesis: a molecular "proteus" of carcinogenesis?. <i>Cell Stress and Chaperones</i> , 2005 , 10, 263-4	4	17
116	Senescence-associated HSP60 expression in normal human skin fibroblasts 2005 , 284, 446-53		17
115	Extracellular Vesicles-Based Drug Delivery Systems: A New Challenge and the Exemplum of Malignant Pleural Mesothelioma. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	17
114	A human CCT5 gene mutation causing distal neuropathy impairs hexadecamer assembly in an archaeal model. <i>Scientific Reports</i> , 2014 , 4, 6688	4.9	16

113	Embryonic and foetal Islet-1 positive cells in human hearts are also positive to c-Kit. <i>European Journal of Histochemistry</i> , 2011 , 55, e41	2.1	16
112	Hsp60 and AChR cross-reactivity in myasthenia gravis: An update. <i>Journal of the Neurological Sciences</i> , 2010 , 292, 117-8	3.2	16
111	Apoptosis is not involved in the mechanism of myocardial dysfunction after resuscitation in a rat model of cardiac arrest and cardiopulmonary resuscitation. <i>Critical Care Medicine</i> , 2010 , 38, 1329-34	1.4	16
110	HSP60 and HSP10 as diagnostic and prognostic tools in the management of exocervical carcinoma. <i>Gynecologic Oncology</i> , 2003 , 91, 661	4.9	16
109	Hsp60 in Skeletal Muscle Fiber Biogenesis and Homeostasis: From Physical Exercise to Skeletal Muscle Pathology. <i>Cells</i> , 2018 , 7,	7.9	15
108	Superior Mesenteric Artery Syndrome: Clinical, Endoscopic, and Radiological Findings. <i>Gastroenterology Research and Practice</i> , 2018 , 2018, 1937416	2	15
107	Chaperonology: The Third Eye on Brain Gliomas. <i>Brain Sciences</i> , 2018 , 8,	3.4	14
106	The Chaperonopathies. <i>SpringerBriefs in Biochemistry and Molecular Biology</i> , 2013 ,		14
105	Isolation and characterization of CD276+/HLA-E+ human subendocardial mesenchymal stem cells from chronic heart failure patients: analysis of differentiative potential and immunomodulatory markers expression. <i>Stem Cells and Development</i> , 2013 , 22, 1-17	4.4	14
104	DNA strand breaks induced by nuclear hijacking of neuronal NOS as an anti-cancer effect of 2-methoxyestradiol. <i>Oncotarget</i> , 2015 , 6, 15449-63	3.3	14
103	The role of the heme oxygenase system in the metabolic syndrome. <i>Current Pharmaceutical Design</i> , 2014 , 20, 4970-4	3.3	14
102	Hsp60 as a Novel Target in IBD Management: A Prospect. <i>Frontiers in Pharmacology</i> , 2019 , 10, 26	5.6	14
101	Glutamatergic hypofunction in medication-free major depression: Secondary effects of affective diagnosis and relationship to peripheral glutaminase. <i>Journal of Affective Disorders</i> , 2018 , 234, 214-219	6.6	13
100	Linoleic acid: Is this the key that unlocks the quantum brain? Insights linking broken symmetries in molecular biology, mood disorders and personalistic emergentism. <i>BMC Neuroscience</i> , 2017 , 18, 38	3.2	13
99	Erythropoietin for the Treatment of Subarachnoid Hemorrhage: A Feasible Ingredient for a Successful Medical Recipe. <i>Molecular Medicine</i> , 2016 , 21, 979-987	6.2	13
98	CD1a expression by Barrett's metaplasia of gastric type may help to predict its evolution towards cancer. <i>British Journal of Cancer</i> , 2005 , 92, 888-90	8.7	13
97	The TRPA1 channel is a cardiac target of mIGF-1/SIRT1 signaling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 307, H939-44	5.2	12
96	HSP90 and eNOS partially co-localize and change cellular localization in relation to different ECM components in 2D and 3D cultures of adult rat cardiomyocytes. <i>Biology of the Cell</i> , 2007 , 99, 689-99	3.5	12

95	CD1a: a novel biomarker for Barrett's metaplasia?. <i>Lancet Oncology, The</i> , 2003 , 4, 497	21.7	12
94	Mature teratoma of the uterine corpus with thyroid differentiation. <i>Pathology International</i> , 2000 , 50, 546-8	1.8	12
93	Efficiency of transgenesis using sperm-mediated gene transfer: generation of hDAF transgenic pigs. <i>Transplantation Proceedings</i> , 2000 , 32, 892-4	1.1	12
92	The Role of Molecular Chaperones in Virus Infection and Implications for Understanding and Treating COVID-19. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	12
91	Oxidative stress markers at birth: Analyses of a neonatal population. <i>Acta Histochemica</i> , 2015 , 117, 486-91	9.1	11
90	Curcumin Affects HSP60 Folding Activity and Levels in Neuroblastoma Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	11
89	An innovative navigation and guidance system for small unmanned aircraft using low-cost sensors. <i>Aircraft Engineering and Aerospace Technology</i> , 2015 , 87, 540-545	5	11
88	Hsp10 nuclear localization and changes in lung cells response to cigarette smoke suggest novel roles for this chaperonin. <i>Open Biology</i> , 2014 , 4,	7	11
87	Association between COX-2 rs 6681231 genotype and interleukin-6 in periodontal connective tissue. A pilot study. <i>PLoS ONE</i> , 2014 , 9, e87023	3.7	11
86	Mild Aerobic Exercise Training Hardly Affects the Diaphragm of mdx Mice. <i>Journal of Cellular Physiology</i> , 2017 , 232, 2044-2052	7	10
85	MDMA administration and heat shock proteins response: foreseeing a molecular link. <i>Current Pharmaceutical Biotechnology</i> , 2010 , 11, 496-9	2.6	10
84	Role of endothelial cell stress in the pathogenesis of chronic heart failure. <i>Frontiers in Bioscience - Landmark</i> , 2009 , 14, 2238-47	2.8	10
83	Bacterial and viral infections and related inflammatory responses in chronic obstructive pulmonary disease. <i>Annals of Medicine</i> , 2021 , 53, 135-150	1.5	10
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