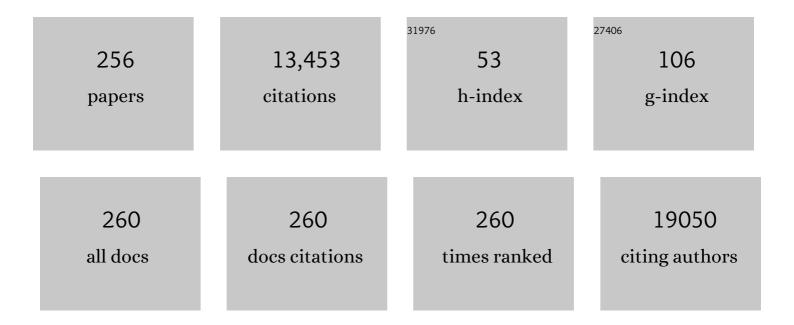
Francesco Cappello

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2054103/publications.pdf Version: 2024-02-01



#	Article	lF	CITATIONS
1	Biological properties of extracellular vesicles and their physiological functions. Journal of Extracellular Vesicles, 2015, 4, 27066.	12.2	3,973
2	Potential Health Benefits of Olive Oil and Plant Polyphenols. International Journal of Molecular Sciences, 2018, 19, 686.	4.1	421
3	Evidence-Based Clinical Use of Nanoscale Extracellular Vesicles in Nanomedicine. ACS Nano, 2016, 10, 3886-3899.	14.6	397
4	lsolation and characterization of Oct-4+/HLA-G+ mesenchymal stem cells from human umbilical cord matrix: differentiation potential and detection of new markers. Histochemistry and Cell Biology, 2009, 131, 267-282.	1.7	260
5	Hsp60 expression, new locations, functions, and perspectives for cancer diagnosis and therapy. Cancer Biology and Therapy, 2008, 7, 801-809.	3.4	230
6	New Emerging Potentials for Human Wharton's Jelly Mesenchymal Stem Cells: Immunological Features and Hepatocyte-Like Differentiative Capacity. Stem Cells and Development, 2010, 19, 423-438.	2.1	192
7	Nutrition, oxidative stress and intestinal dysbiosis: Influence of diet on gut microbiota in inflammatory bowel diseases. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2016, 160, 461-466.	0.6	153
8	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. Oncotarget, 2013, 4, 502-530.	1.8	152
9	Exosome levels in human body fluids: A tumor marker by themselves?. European Journal of Pharmaceutical Sciences, 2017, 96, 93-98.	4.0	148
10	Hsp60 Is Actively Secreted by Human Tumor Cells. PLoS ONE, 2010, 5, e9247.	2.5	144
11	Mitochondrial chaperones in cancer: From molecular biology to clinical diagnostics. Cancer Biology and Therapy, 2006, 5, 714-720.	3.4	138
12	Heat shock protein 60 levels in tissue and circulating exosomes in human large bowel cancer before and after ablative surgery. Cancer, 2015, 121, 3230-3239.	4.1	131
13	Hsp60 chaperonopathies and chaperonotherapy: targets and agents. Expert Opinion on Therapeutic Targets, 2014, 18, 185-208.	3.4	122
14	Inflammatory bowel disease, colorectal cancer and type 2 diabetes mellitus: The links. BBA Clinical, 2016, 5, 16-24.	4.1	122
15	The expression of HSP60 and HSP10 in large bowel carcinomas with lymph node metastase. BMC Cancer, 2005, 5, 139.	2.6	112
16	Extracellular Vesicle-Mediated Cell–Cell Communication in the Nervous System: Focus on Neurological Diseases. International Journal of Molecular Sciences, 2019, 20, 434.	4.1	112
17	60KDa chaperonin (HSP60) is over-expressed during colorectal carcinogenesis. European Journal of Histochemistry, 2003, 47, 105.	1.5	108
18	The Odyssey of Hsp60 from Tumor Cells to Other Destinations Includes Plasma Membrane-Associated Stages and Golgi and Exosomal Protein-Trafficking Modalities. PLoS ONE, 2012, 7, e42008.	2.5	105

#	Article	IF	CITATIONS
19	Silibinin modulates lipid homeostasis and inhibits nuclear factor kappa B activation in experimental nonalcoholic steatohepatitis. Translational Research, 2012, 159, 477-486.	5.0	104
20	Innate immunity but not NLRP3 inflammasome activation correlates with severity of stable COPD. Thorax, 2014, 69, 516-524.	5.6	99
21	Insulin Resistance as Common Molecular Denominator Linking Obesity to Alzheimer's Disease. Current Alzheimer Research, 2015, 12, 723-735.	1.4	97
22	Chlamydia trachomatis Infection and Anti-Hsp60 Immunity: The Two Sides of the Coin. PLoS Pathogens, 2009, 5, e1000552.	4.7	96
23	Molecular mimicry may explain multi-organ damage in COVID-19. Autoimmunity Reviews, 2020, 19, 102591.	5.8	95
24	Is molecular mimicry the culprit in the autoimmune haemolytic anaemia affecting patients with COVIDâ€19?. British Journal of Haematology, 2020, 190, e92-e93.	2.5	91
25	Immunohistochemical evaluation of PCNA, p53, HSP60, HSP10 and MUC-2 presence and expression in prostate carcinogenesis. Anticancer Research, 2003, 23, 1325-31.	1.1	89
26	Hsp60 and Hsp10 down-regulation predicts bronchial epithelial carcinogenesis in smokers with chronic obstructive pulmonary disease. Cancer, 2006, 107, 2417-2424.	4.1	87
27	Potential Therapeutic Effects of Natural Heme Oxygenase-1 Inducers in Cardiovascular Diseases. Antioxidants and Redox Signaling, 2013, 18, 507-521.	5.4	87
28	HSP-molecular chaperones in cancer biogenesis and tumor therapy: an overview. Anticancer Research, 2012, 32, 5139-50.	1.1	87
29	Extracellular Vesicles as Shuttles of Tumor Biomarkers and Anti-Tumor Drugs. Frontiers in Oncology, 2014, 4, 267.	2.8	85
30	Inflammation in irritable bowel syndrome: Myth or new treatment target?. World Journal of Gastroenterology, 2016, 22, 2242-2255.	3.3	85
31	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. Cell Stress and Chaperones, 2020, 25, 737-741.	2.9	85
32	Ten kilodalton heat shock protein (HSP10) is overexpressed during carcinogenesis of large bowel and uterine exocervix. Cancer Letters, 2003, 196, 35-41.	7.2	84
33	Kinking, coiling, and tortuosity of extracranial internal carotid artery: is it the effect of a metaplasia?. Surgical and Radiologic Anatomy, 2006, 28, 573-580.	1.2	81
34	On the Choice of the Extracellular Vesicles for Therapeutic Purposes. International Journal of Molecular Sciences, 2019, 20, 236.	4.1	81
35	COVID-19 Deaths: Are We Sure It Is Pneumonia? Please, Autopsy, Autopsy, Autopsy!. Journal of Clinical Medicine, 2020, 9, 1259.	2.4	79
36	Hsp60 Post-translational Modifications: Functional and Pathological Consequences. Frontiers in Molecular Biosciences, 2020, 7, 95.	3.5	77

#	Article	IF	CITATIONS
37	DNA Hypomethylation and Histone Variant macroH2A1 Synergistically Attenuate Chemotherapy-Induced Senescence to Promote Hepatocellular Carcinoma Progression. Cancer Research, 2016, 76, 594-606.	0.9	76
38	Exosomal HSP60: a potentially useful biomarker for diagnosis, assessing prognosis, and monitoring response to treatment. Expert Review of Molecular Diagnostics, 2017, 17, 815-822.	3.1	74
39	Expression of 60-kD Heat Shock Protein Increases during Carcinogenesis in the Uterine Exocervix. Pathobiology, 2002, 70, 83-88.	3.8	71
40	Efficacy and epigenetic interactions of novel DNA hypomethylating agent guadecitabine (SGI-110) in preclinical models of hepatocellular carcinoma. Epigenetics, 2016, 11, 709-720.	2.7	69
41	Skeletal muscle Heat shock protein 60 increases after endurance training and induces peroxisome proliferator-activated receptor gamma coactivator 1 α1 expression. Scientific Reports, 2016, 6, 19781.	3.3	67
42	Human Hsp10 and Early Pregnancy Factor (EPF) and their relationship and involvement in cancer and immunity: Current knowledge and perspectives. Life Sciences, 2010, 86, 145-152.	4.3	66
43	Lymphatic vessels of the dura mater: a new discovery?. Journal of Anatomy, 2015, 227, 702-703.	1.5	65
44	Hsp60, a Novel Target for Antitumor Therapy: Structure-Function Features and Prospective Drugs Design. Current Pharmaceutical Design, 2013, 19, 2757-2764.	1.9	65
45	Immunopositivity for Histone MacroH2A1 Isoforms Marks Steatosis-Associated Hepatocellular Carcinoma. PLoS ONE, 2013, 8, e54458.	2.5	63
46	Bronchial inflammation and bacterial load in stable COPD is associated with TLR4 overexpression. European Respiratory Journal, 2017, 49, 1602006.	6.7	63
47	Hsp60 and heme oxygenase-1 (Hsp32) in acute myocardial infarction. Translational Research, 2011, 157, 285-292.	5.0	60
48	Heat Shock Protein 70 Serum Levels Differ Significantly in Patients with Chronic Hepatitis, Liver Cirrhosis, and Hepatocellular Carcinoma. Frontiers in Immunology, 2014, 5, 307.	4.8	60
49	Oxidative stress induces myeloperoxidase expression in endocardial endothelial cells from patients with chronic heart failure. Basic Research in Cardiology, 2009, 104, 307-320.	5.9	59
50	The histone deacetylase inhibitor SAHA induces HSP60 nitration and its extracellular release by exosomal vesicles in human lung-derived carcinoma cells. Oncotarget, 2016, 7, 28849-28867.	1.8	56
51	Convergent Sets of Data from In Vivo and In Vitro Methods Point to an Active Role of Hsp60 in Chronic Obstructive Pulmonary Disease Pathogenesis. PLoS ONE, 2011, 6, e28200.	2.5	55
52	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. Translational Oncology, 2009, 2, 146-156.	3.7	54
53	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. Cell Stress and Chaperones, 2014, 19, 343-353.	2.9	54
54	Doxorubicin anti-tumor mechanisms include Hsp60 post-translational modifications leading to the Hsp60/p53 complex dissociation and instauration of replicative senescence. Cancer Letters, 2017, 385, 75-86.	7.2	54

#	Article	IF	CITATIONS
55	Chaperonin of Group I: Oligomeric Spectrum and Biochemical and Biological Implications. Frontiers in Molecular Biosciences, 2017, 4, 99.	3.5	54
56	Glucagon-like peptide-2 and mouse intestinal adaptation to a high-fat diet. Journal of Endocrinology, 2013, 217, 11-20.	2.6	53
57	Heat shock protein 10 and signal transduction: a "capsula eburnea―of carcinogenesis?. Cell Stress and Chaperones, 2006, 11, 287.	2.9	50
58	Hsp10, Hsp70, and Hsp90 immunohistochemical levels change in ulcerative colitis after therapy. European Journal of Histochemistry, 2011, 55, e38.	1.5	50
59	Geldanamycin-Induced Osteosarcoma Cell Death Is Associated with Hyperacetylation and Loss of Mitochondrial Pool of Heat Shock Protein 60 (Hsp60). PLoS ONE, 2013, 8, e71135.	2.5	50
60	Heat-shock protein 60 kDa and atherogenic dyslipidemia in patients with untreated mild periodontitis: a pilot study. Cell Stress and Chaperones, 2012, 17, 399-407.	2.9	49
61	Alcoholic Liver Disease: A Mouse Model Reveals Protection by Lactobacillus fermentum. Clinical and Translational Gastroenterology, 2016, 7, e138.	2.5	49
62	Chaperonopathies of senescence and the scrambling of interactions between the chaperoning and the immune systems. Annals of the New York Academy of Sciences, 2010, 1197, 85-93.	3.8	48
63	Hsp60, amateur chaperone in amyloid-beta fibrillogenesis. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 2474-2483.	2.4	48
64	Human primary macrophages scavenge AuNPs and eliminate it through exosomes. A natural shuttling for nanomaterials. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 137, 23-36.	4.3	48
65	Hsp60 and Hsp10 increase in colon mucosa of Crohn's disease and ulcerative colitis. Cell Stress and Chaperones, 2010, 15, 877-884.	2.9	47
66	Endurance Exercise and Conjugated Linoleic Acid (CLA) Supplementation Up-Regulate CYP17A1 and Stimulate Testosterone Biosynthesis. PLoS ONE, 2013, 8, e79686.	2.5	47
67	Is COVID-19 a proteiform disease inducing also molecular mimicry phenomena?. Cell Stress and Chaperones, 2020, 25, 381-382.	2.9	46
68	Human Hsp60 with Its Mitochondrial Import Signal Occurs in Solution as Heptamers and Tetradecamers Remarkably Stable over a Wide Range of Concentrations. PLoS ONE, 2014, 9, e97657.	2.5	46
69	Fasting regulates EGR1 and protects from glucose- and dexamethasone-dependent sensitization to chemotherapy. PLoS Biology, 2017, 15, e2001951.	5.6	45
70	BRAF mutation influences hypoxia-inducible factor-1α expression levels in papillary thyroid cancer. Modern Pathology, 2010, 23, 1052-1060.	5.5	44
71	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. Cell Stress and Chaperones, 2016, 21, 927-933.	2.9	44
72	Primitive Neuroectodermal Tumor (PNET) of the kidney: a case report. BMC Cancer, 2004, 4, 3.	2.6	43

#	Article	IF	CITATIONS
73	Mutual Antagonism between Circadian Protein Period 2 and Hepatitis C Virus Replication in Hepatocytes. PLoS ONE, 2013, 8, e60527.	2.5	43
74	TGF-Î ² Signaling Pathways in Different Compartments of the Lower Airways of Patients With Stable COPD. Chest, 2018, 153, 851-862.	0.8	43
75	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. Cellular and Molecular Neurobiology, 2012, 32, 943-947.	3.3	42
76	Effects of Nandrolone Stimulation on Testosterone Biosynthesis in Leydig Cells. Journal of Cellular Physiology, 2016, 231, 1385-1391.	4.1	42
77	Immunopositivity of heat shock protein 60 as a biomarker of bronchial carcinogenesis. Lancet Oncology, The, 2005, 6, 816.	10.7	41
78	The dissociation of the Hsp60/pro-Caspase-3 complex by bis(pyridyl)oxadiazole copper complex () Tj ETQq0 0 0 r 8-16.	gBT /Overl 3.5	ock 10 Tf 50 40
79	New therapeutic perspectives in irritable bowel syndrome: Targeting low-grade inflammation, immuno-neuroendocrine axis, motility, secretion and beyond. World Journal of Gastroenterology, 2017, 23, 6593-6627.	3.3	40
80	Increased expression of transketolaseâ€likeâ€1 in papillary thyroid carcinomas smaller than 1.5 cm in diameter is associated with lymphâ€node metastases. Cancer, 2008, 113, 936-944.	4.1	39
81	Immunomorphological Pattern of Molecular Chaperones in Normal and Pathological Thyroid Tissues and Circulating Exosomes: Potential Use in Clinics. International Journal of Molecular Sciences, 2019, 20, 4496.	4.1	39
82	Does SARS-CoV-2 Trigger Stress-Induced Autoimmunity by Molecular Mimicry? A Hypothesis. Journal of Clinical Medicine, 2020, 9, 2038.	2.4	39
83	A comparative analysis of the products of GROELâ€1 gene from <i>Chlamydia trachomatis</i> serovar D and the HSP60 var1 transcript from <i>Homo sapiens</i> suggests a possible autoimmune response. International Journal of Immunogenetics, 2009, 36, 73-78.	1.8	37
84	Increased nitrotyrosine plasma levels in relation to systemic markers of inflammation and myeloperoxidase in chronic heart failure. International Journal of Cardiology, 2009, 135, 386-390.	1.7	37
85	Is chlamydial heat shock protein 60 a risk factor for oncogenesis?. Cellular and Molecular Life Sciences, 2005, 62, 4-9.	5.4	36
86	Hsp60 and Hsp10 as antitumour molecular agents. Cancer Biology and Therapy, 2007, 6, 487-489.	3.4	36
87	Heat Shock Protein-60 and Risk for Cardiovascular Disease. Current Pharmaceutical Design, 2011, 17, 3662-3668.	1.9	36
88	Gut microbiota imbalance and chaperoning system malfunction are central to ulcerative colitis pathogenesis and can be counteracted with specifically designed probiotics: a working hypothesis. Medical Microbiology and Immunology, 2013, 202, 393-406.	4.8	36
89	Ethanol-Mediated Stress Promotes Autophagic Survival and Aggressiveness of Colon Cancer Cells via Activation of Nrf2/HO-1 Pathway. Cancers, 2019, 11, 505.	3.7	36
90	Amphiregulin activates human hepatic stellate cells and is upregulated in non alcoholic steatohepatitis. Scientific Reports, 2015, 5, 8812.	3.3	35

#	Article	IF	CITATIONS
91	Involvement of Caspase-3 and GD3 Ganglioside in Ceramide-induced Apoptosis in Farber Disease. Journal of Histochemistry and Cytochemistry, 2000, 48, 57-62.	2.5	34
92	Exosomal Chaperones and miRNAs in Gliomagenesis: State-of-Art and Theranostics Perspectives. International Journal of Molecular Sciences, 2018, 19, 2626.	4.1	34
93	Cigarette smoke exposure inhibits extracellular MMP-2 (gelatinase A) activity in human lung fibroblasts. Respiratory Research, 2007, 8, 23.	3.6	33
94	Changes in Immunohistochemical Levels and Subcellular Localization After Therapy and Correlation and Colocalization With CD68 Suggest a Pathogenetic Role of Hsp60 in Ulcerative Colitis. Applied Immunohistochemistry and Molecular Morphology, 2011, 19, 552-561.	1.2	33
95	Exosomal Heat Shock Proteins as New Players in Tumour Cell-to-Cell Communication. Journal of Circulating Biomarkers, 2014, 3, 4.	1.3	33
96	GLPâ€2 as Beneficial Factor in the Glucose Homeostasis in Mice Fed a High Fat Diet. Journal of Cellular Physiology, 2015, 230, 3029-3036.	4.1	33
97	Extracellular Vesicles-Based Drug Delivery Systems: A New Challenge and the Exemplum of Malignant Pleural Mesothelioma. International Journal of Molecular Sciences, 2020, 21, 5432.	4.1	33
98	CD1a downâ€regulation in primary invasive ductal breast carcinoma may predict regional lymph node invasion and patient outcome. Histopathology, 2008, 52, 203-212.	2.9	31
99	Extracellular Superoxide Dismutase Expression in Papillary Thyroid Cancer Mesenchymal Stem/Stromal Cells Modulates Cancer Cell Growth and Migration. Scientific Reports, 2017, 7, 41416.	3.3	31
100	Hsp60 response in experimental and human temporal lobe epilepsy. Scientific Reports, 2015, 5, 9434.	3.3	30
101	Histone macroH2A1.2 promotes metabolic health and leanness by inhibiting adipogenesis. Epigenetics and Chromatin, 2016, 9, 45.	3.9	30
102	The Role of Molecular Chaperones in Virus Infection and Implications for Understanding and Treating COVID-19. Journal of Clinical Medicine, 2020, 9, 3518.	2.4	30
103	Bacterial and viral infections and related inflammatory responses in chronic obstructive pulmonary disease. Annals of Medicine, 2021, 53, 135-150.	3.8	30
104	Plantar pressure distribution analysis in normal weight young women and men with normal and claw feet: A cross-sectional study. Clinical Anatomy, 2005, 18, 245-250.	2.7	29
105	Bacterial–viral load and the immune response in stable and exacerbated COPD: significance and therapeutic prospects. International Journal of COPD, 2016, 11, 445.	2.3	29
106	HSP60 activity on human bronchial epithelial cells. International Journal of Immunopathology and Pharmacology, 2017, 30, 333-340.	2.1	29
107	Effects of Conjugated Linoleic Acid Associated With Endurance Exercise on Muscle Fibres and Peroxisome Proliferatorâ€Activated Receptor γ Coactivator 1 α Isoforms. Journal of Cellular Physiology, 2017, 232, 1086-1094.	4.1	29
108	Superior Mesenteric Artery Syndrome: Clinical, Endoscopic, and Radiological Findings. Gastroenterology Research and Practice, 2018, 2018, 1-7.	1.5	29

#	Article	IF	CITATIONS
109	CD1a and antitumour immune response. Immunology Letters, 2004, 95, 1-4.	2.5	28
110	Synovial sarcoma and malignant mesothelioma of the pleura: review, differential diagnosis and possible role of apoptosis. Pathology, 2001, 33, 142-148.	0.6	27
111	Nandrolone decanoate interferes with testosterone biosynthesis altering blood–testis barrier components. Journal of Cellular and Molecular Medicine, 2017, 21, 1636-1647.	3.6	27
112	Hsp60 in Skeletal Muscle Fiber Biogenesis and Homeostasis: From Physical Exercise to Skeletal Muscle Pathology. Cells, 2018, 7, 224.	4.1	27
113	Hsp60 and human aging:ÂLes liaisons dangereusesÂ. Frontiers in Bioscience - Landmark, 2013, 18, 626.	3.0	26
114	The Chaperonopathies. SpringerBriefs in Biochemistry and Molecular Biology, 2013, , .	0.3	26
115	Spatial and temporal dynamics of innervation during the development of fetal human pancreas. Neuroscience, 2008, 154, 1477-1487.	2.3	25
116	Hsp60 molecular anatomy and role in colorectal cancer diagnosis and treatment. Frontiers in Bioscience - Scholar, 2011, S3, 341-351.	2.1	25
117	Chaperonopathies and Chaperonotherapy. Hsp60 as Therapeutic Target in Cancer: Potential Benefits and Risks. Current Pharmaceutical Design, 2013, 19, 452-457.	1.9	25
118	Hsp10 anatomic distribution functions and involvement in human disease. Frontiers in Bioscience - Elite, 2013, E5, 768-778.	1.8	25
119	Carcinosarcoma of monoclonal origin arising in a dermoid cyst of ovary: a case report. BMC Cancer, 2006, 6, 47.	2.6	24
120	Mitochondrial DNA mutations in cancer - from bench to bedside. Frontiers in Bioscience - Landmark, 2010, 15, 437.	3.0	24
121	Defective apoptosis and tumorigenesis: role of p53 mutation and Fas/FasL system dysregulation. European Journal of Histochemistry, 2010, 46, 199.	1.5	24
122	OPLA scaffold, collagen I, and horse serum induce a higher degree of myogenic differentiation of adult rat cardiac stem cells. Journal of Cellular Physiology, 2009, 221, 729-739.	4.1	23
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. Infectious Agents and Cancer, 2011, 6, 18.	2.6	23
124	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. Stem Cells and Development, 2013, 22, 1-17.	2.1	23
125	Hsp60 as a Novel Target in IBD Management: A Prospect. Frontiers in Pharmacology, 2019, 10, 26.	3.5	23
126	COVID-19 and molecular mimicry: The Columbus' egg?. Journal of Clinical Neuroscience, 2020, 77, 246.	1.5	23

#	Article	IF	CITATIONS
127	Cardiac Stem Cell Research: An Elephant in the Room?. Anatomical Record, 2009, 292, 449-454.	1.4	22
128	High-Resolution Computed Tomography Quantitation of Emphysema Is Correlated with Selected Lung Function Values in Stable COPD. Respiration, 2012, 83, 383-390.	2.6	22
129	HSP60 expression during carcinogenesis: a molecular "Proteus―of carcinogenesis?. Cell Stress and Chaperones, 2005, 10, 263.	2.9	21
130	Molecular oncology focus - Is carcinogenesis a 'mitochondriopathy'?. Journal of Biomedical Science, 2010, 17, 31.	7.0	21
131	Influence of endogenous glucagon-like peptide-2 on lipid disorders in mice fed a high-fat diet. Endocrine Research, 2016, 41, 317-324.	1.2	21
132	Embryonic and foetal Islet-1 positive cells in human hearts are also positive to c-Kit. European Journal of Histochemistry, 2011, 55, e41.	1.5	20
133	Oxidative stress markers at birth: Analyses of a neonatal population. Acta Histochemica, 2015, 117, 486-491.	1.8	20
134	Phospho-p38 MAPK Expression in COPD Patients and Asthmatics and in Challenged Bronchial Epithelium. Respiration, 2015, 89, 329-342.	2.6	20
135	Molecular mimicry in the post-COVID-19 signs and symptoms of neurovegetative disorders?. Lancet Microbe, The, 2021, 2, e94.	7.3	20
136	DNA strand breaks induced by nuclear hijacking of neuronal NOS as an anti-cancer effect of 2-methoxyestradiol. Oncotarget, 2015, 6, 15449-15463.	1.8	20
137	Comparative analysis of Hsp10 and Hsp90 expression in healthy mucosa and adenocarcinoma of the large bowel. Anticancer Research, 2014, 34, 4153-9.	1.1	20
138	HSP60 and HSP10 as diagnostic and prognostic tools in the management of exocervical carcinoma. Gynecologic Oncology, 2003, 91, 661.	1.4	19
139	Senescence-associated HSP60 expression in normal human skin fibroblasts. , 2005, 284A, 446-453.		19
140	Apoptosis is not involved in the mechanism of myocardial dysfunction after resuscitation in a rat model of cardiac arrest and cardiopulmonary resuscitation. Critical Care Medicine, 2010, 38, 1329-1334.	0.9	19
141	Hsp60 and AChR cross-reactivity in myasthenia gravis: An update. Journal of the Neurological Sciences, 2010, 292, 117-118.	0.6	19
142	A human CCT5 gene mutation causing distal neuropathy impairs hexadecamer assembly in an archaeal model. Scientific Reports, 2014, 4, 6688.	3.3	19
143	Glutamatergic hypofunction in medication-free major depression: Secondary effects of affective diagnosis and relationship to peripheral glutaminase. Journal of Affective Disorders, 2018, 234, 214-219.	4.1	19
144	Hsp60 Protects against Amyloid β Oligomer Synaptic Toxicity via Modification of Toxic Oligomer Conformation. ACS Chemical Neuroscience, 2019, 10, 2858-2867.	3.5	19

#	Article	IF	CITATIONS
145	Lipid chaperones and associated diseases: a group of chaperonopathies defining a new nosological entity with implications for medical research and practice. Cell Stress and Chaperones, 2020, 25, 805-820.	2.9	17
146	Curcumin Affects HSP60 Folding Activity and Levels in Neuroblastoma Cells. International Journal of Molecular Sciences, 2020, 21, 661.	4.1	17
147	The Role of the Heme Oxygenase System in the Metabolic Syndrome. Current Pharmaceutical Design, 2014, 20, 4970-4974.	1.9	17
148	Role of endothelial cell stress in the pathogenesis of chronic heart failure. Frontiers in Bioscience - Landmark, 2009, Volume, 2238.	3.0	17
149	Erythropoietin for the Treatment of Subarachnoid Hemorrhage: A Feasible Ingredient for a successful Medical Recipe. Molecular Medicine, 2015, 21, 979-987.	4.4	16
150	Association between COX-2 rs 6681231 Genotype and Interleukin-6 in Periodontal Connective Tissue. A Pilot Study. PLoS ONE, 2014, 9, e87023.	2.5	16
151	The Chaperone System in Breast Cancer: Roles and Therapeutic Prospects of the Molecular Chaperones Hsp27, Hsp60, Hsp70, and Hsp90. International Journal of Molecular Sciences, 2022, 23, 7792.	4.1	16
152	Efficiency of transgenesis using sperm-mediated gene transfer: generation of hDAF transgenic pigs. Transplantation Proceedings, 2000, 32, 892-894.	0.6	15
153	CD1a expression by Barrett's metaplasia of gastric type may help to predict its evolution towards cancer. British Journal of Cancer, 2005, 92, 888-890.	6.4	15
154	An innovative navigation and guidance system for small unmanned aircraft using low-cost sensors. Aircraft Engineering and Aerospace Technology, 2015, 87, 540-545.	0.8	15
155	Linoleic acid: Is this the key that unlocks the quantum brain? Insights linking broken symmetries in molecular biology, mood disorders and personalistic emergentism. BMC Neuroscience, 2017, 18, 38.	1.9	15
156	Mature teratoma of the uterine corpus with thyroid differentiation. Pathology International, 2000, 50, 546-548.	1.3	14
157	Hsp10 nuclear localization and changes in lung cells response to cigarette smoke suggest novel roles for this chaperonin. Open Biology, 2014, 4, 140125.	3.6	14
158	The TRPA1 channel is a cardiac target of mIGF-1/SIRT1 signaling. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 307, H939-H944.	3.2	14
159	Chaperonology: The Third Eye on Brain Gliomas. Brain Sciences, 2018, 8, 110.	2.3	14
160	The Post-Lockdown Era: What Is Next in Italy?. Frontiers in Pharmacology, 2020, 11, 1074.	3.5	14
161	Extracellular heat shock proteins in cancer: From early diagnosis to new therapeutic approach. Seminars in Cancer Biology, 2022, 86, 36-45.	9.6	14
162	CD1a: a novel biomarker for Barrett's metaplasia?. Lancet Oncology, The, 2003, 4, 497.	10.7	13

#	Article	IF	CITATIONS
163	HSP90 and eNOS partially coâ€localize and change cellular localization in relation to different ECM components in 2D and 3D cultures of adult rat cardiomyocytes. Biology of the Cell, 2007, 99, 689-699.	2.0	13
164	Mild Aerobic Exercise Training Hardly Affects the Diaphragm of <i>mdx</i> Mice. Journal of Cellular Physiology, 2017, 232, 2044-2052.	4.1	12
165	Probiotics Can Cure Oral Aphthous-Like Ulcers in Inflammatory Bowel Disease Patients: A Review of the Literature and a Working Hypothesis. International Journal of Molecular Sciences, 2019, 20, 5026.	4.1	12
166	Immunohistochemistry of Human Hsp60 in Health and Disease: From Autoimmunity to Cancer. Methods in Molecular Biology, 2011, 787, 245-254.	0.9	12
167	Extracellular vesicles in cancer pros and cons: The importance of the evidence-based medicine. Seminars in Cancer Biology, 2022, 86, 4-12.	9.6	12
168	5-Azacytidine Inhibits the Activation of Senescence Program and Promotes Cytotoxic Autophagy during Trdmt1-Mediated Oxidative Stress Response in Insulinoma β-TC-6 Cells. Cells, 2022, 11, 1213.	4.1	12
169	MDMA Administration and Heat Shock Proteins Response: Foreseeing a Molecular Link. Current Pharmaceutical Biotechnology, 2010, 11, 496-499.	1.6	11
170	Particle filter based multi-sensor data fusion techniques for RPAS navigation and guidance. , 2015, , .		11
171	Immunohistochemistry of Human Hsp60 in Health and Disease: From Autoimmunity to Cancer. Methods in Molecular Biology, 2018, 1709, 293-305.	0.9	11
172	<p>Bacterial load and inflammatory response in sputum of alpha-1 antitrypsin deficiency patients with COPD</p> . International Journal of COPD, 2019, Volume 14, 1879-1893.	2.3	11
173	Molecular chaperones in tumors of salivary glands. Journal of Molecular Histology, 2020, 51, 109-115.	2.2	11
174	Atrial natriuretic peptide and CD34 overexpression in human idiopathic dilated cardiomyopathies. Apmis, 2007, 115, 1227-1233.	2.0	10
175	Modeling interactions between Human Equilibrative Nucleoside Transporter-1 and other factors involved in the response to gemcitabine treatment to predict clinical outcomes in pancreatic ductal adenocarcinoma patients. Journal of Translational Medicine, 2014, 12, 248.	4.4	10
176	Heat shock protein (Hsp) regulation by muscarinic acetylcholine receptor (mAChR) activation in the rat hippocampus. Journal of Cellular Physiology, 2018, 233, 6107-6116.	4.1	10
177	Myelin Pathology: Involvement of Molecular Chaperones and the Promise of Chaperonotherapy. Brain Sciences, 2019, 9, 297.	2.3	10
178	2-Methoxyestradiol and Its Combination with a Natural Compound, Ferulic Acid, Induces Melanoma Cell Death via Downregulation of Hsp60 and Hsp90. Journal of Oncology, 2019, 2019, 1-12.	1.3	10
179	Chaperonopathies and chaperonotherapy. Hsp60 as therapeutic target in cancer: potential benefits and risks. Current Pharmaceutical Design, 2013, 19, 452-7.	1.9	10
180	hDAF expression in hearts of transgenic pigs obtained by sperm-mediated gene transfer. Transplantation Proceedings, 2000, 32, 895-896.	0.6	9

#	Article	IF	CITATIONS
181	Giovanni Filippo Ingrassia: A five-hundred year-long lesson. Clinical Anatomy, 2010, 23, 743-749.	2.7	9
182	The Neurochaperonopathies: Anomalies of the Chaperone System with Pathogenic Effects in Neurodegenerative and Neuromuscular Disorders. Applied Sciences (Switzerland), 2021, 11, 898.	2.5	9
183	Poorly differentiated synovial sarcoma: A case report. Pathology and Oncology Research, 2001, 7, 63-66.	1.9	8
184	Research of cardiomyocyte precursors in adult rat heart. Tissue and Cell, 2006, 38, 345-351.	2.2	8
185	Data mining-based statistical analysis of biological data uncovers hidden significance: clustering Hashimoto's thyroiditis patients based on the response of their PBMC with IL-2 and IFN-γ secretion to stimulation with Hsp60. Cell Stress and Chaperones, 2015, 20, 391-395.	2.9	8
186	Zebrafish as a Model for the Study of Chaperonopathies. Journal of Cellular Physiology, 2016, 231, 2107-2114.	4.1	8
187	A novel therapeutic approach to colorectal cancer in diabetes: role of metformin and rapamycin. Oncotarget, 2019, 10, 1284-1305.	1.8	8
188	A Novel CCT5 Missense Variant Associated with Early Onset Motor Neuropathy. International Journal of Molecular Sciences, 2020, 21, 7631.	4.1	8
189	The Major Heat Shock Proteins, Hsp70 and Hsp90, in 2-Methoxyestradiol-Mediated Osteosarcoma Cell Death Model. International Journal of Molecular Sciences, 2020, 21, 616.	4.1	8
190	Sexâ€based differences after a single bout of exercise on PGC1α isoforms in skeletal muscle: A pilot study. FASEB Journal, 2021, 35, e21328.	0.5	8
191	Low-cost sensors based Multi-Sensor Data Fusion techniques for RPAS Navigation and Guidance. , 2015, , .		7
192	Reprint of "EXOSOME LEVELS IN HUMAN BODY FLUIDS: A TUMOR MARKER BY THEMSELVES?― European Journal of Pharmaceutical Sciences, 2017, 98, 64-69.	4.0	7
193	SARS-CoV-2 in patients with cancer: possible role of mimicry of human molecules by viral proteins and the resulting anti-cancer immunity. Cell Stress and Chaperones, 2021, 26, 611-616.	2.9	7
194	Hsp27 and Hsp60 in human submandibular salivary gland: Quantitative patterns in healthy and cancerous tissues with potential implications for differential diagnosis and carcinogenesis. Acta Histochemica, 2021, 123, 151771.	1.8	7
195	HSP60 is a Ubiquitous Player in the Physiological and Pathogenic Interactions between the Chaperoning and the Immune Systems. Current Immunology Reviews, 2017, 13, .	1.2	7
196	Human Recombinant Vasostatin-1 May Interfere with Cell-Extracellular Matrix Interactions. Annals of the New York Academy of Sciences, 2006, 1090, 305-310.	3.8	6
197	Multi-Sensor Data Fusion Techniques for RPAS Detect, Track and Avoid. , 0, , .		6
198	CD1A-positive cells and HSP60 (HSPD1) levels in keratoacanthoma and squamous cell carcinoma. Cell Stress and Chaperones, 2016, 21, 131-137.	2.9	6

#	Article	IF	CITATIONS
199	Augmented Reality Gamification for Human Anatomy. Lecture Notes in Computer Science, 2019, , 409-413.	1.3	6
200	Function and Fiber-Type Specific Distribution of Hsp60 and αB-Crystallin in Skeletal Muscles: Role of Physical Exercise. Biology, 2021, 10, 77.	2.8	6
201	Myocardial bridge pathology and preventable accidents during physical activity of healthy subjects: A case report and a literature review. Medico-Legal Journal, 2020, 88, 209-214.	0.5	6
202	Molecular Profile Study of Extracellular Vesicles for the Identification of Useful Small "Hit―in Cancer Diagnosis. Applied Sciences (Switzerland), 2021, 11, 10787.	2.5	6
203	CD1A IMMUNOPOSITIVITY COULD HELP TO DISTINGUISH BARRETT's METAPLASIA FROM HETEROTOPIC GASTRIC MUCOSA. Journal of Gastroenterology and Hepatology (Australia), 2005, 20, 1308-1309.	2.8	5
204	Fibrosis markers and CRIM1 increase in chronic heart failure of increasing severity. Biomarkers, 2014, 19, 214-221.	1.9	5
205	Chaperonotherapy for Alzheimer's Disease: Focusing on HSP60. Heat Shock Proteins, 2015, , 51-76.	0.2	5
206	Lack of Dystrophin Affects Bronchial Epithelium in <i>mdx</i> Mice. Journal of Cellular Physiology, 2016, 231, 2218-2223.	4.1	5
207	Quantitative analysis of the impact of a human pathogenic mutation on the CCT5 chaperonin subunit using a proxy archaeal ortholog. Biochemistry and Biophysics Reports, 2017, 12, 66-71.	1.3	5
208	Circulating Molecular Chaperones in Subjects with Amnestic Mild Cognitive Impairment and Alzheimer's Disease: Data from the Zabùt Aging Project. Journal of Alzheimer's Disease, 2022, 87, 161-172.	2.6	5
209	Quantitative Immunomorphological Analysis of Heat Shock Proteins in Thyroid Follicular Adenoma and Carcinoma Tissues Reveals Their Potential for Differential Diagnosis and Points to a Role in Carcinogenesis. Applied Sciences (Switzerland), 2019, 9, 4324.	2.5	5
210	Molecular Chaperones and miRNAs in Epilepsy: Pathogenic Implications and Therapeutic Prospects. International Journal of Molecular Sciences, 2021, 22, 8601.	4.1	5
211	Medial tunica degeneration of the ascending aortic wall is associated with specific microRNA changes in bicuspid aortic valve disease. Molecular Medicine Reports, 2021, 24, .	2.4	5
212	Morphological Alterations and Stress Protein Variations in Lung Biopsies Obtained from Autopsies of COVID-19 Subjects. Cells, 2021, 10, 3136.	4.1	5
213	ITCH E3 ubiquitin ligase downregulation compromises hepatic degradation of branched-chain amino acids. Molecular Metabolism, 2022, 59, 101454.	6.5	5
214	Muscle Histopathological Abnormalities in a Patient With a CCT5 Mutation Predicted to Affect the Apical Domain of the Chaperonin Subunit. Frontiers in Molecular Biosciences, 2022, 9, .	3.5	5
215	Induction of 2-hydroxycatecholestrogens O-methylation: A missing puzzle piece in diagnostics and treatment of lung cancer. Redox Biology, 2022, 55, 102395.	9.0	5
216	Biological aggressiveness evaluation in prostate carcinomas: immunohistochemical analysis of PCNA and p53 in a series of Gleason 6 (3+3) adenocarcinomas. European Journal of Histochemistry, 2003, 47, 129.	1.5	4

#	Article	IF	CITATIONS
217	HSP60 expression during carcinogenesis: Where is the pilot?. Pathology Research and Practice, 2006, 202, 401-402.	2.3	4
218	Hsp27 and Hsp70 in chronic obstructive pulmonary disease: certainties vs doubts. Cell Stress and Chaperones, 2015, 20, 721-723.	2.9	4
219	The Binding Mechanism of Epolactaene to Hsp60 Unveiled by in Silico Modelling. ChemistrySelect, 2016, 1, 759-765.	1.5	4
220	JNK pathway and heat shock response mediate the survival of C26 colon carcinoma bearing mice fed with the mushroom <i>Pleurotus eryngii</i> var. <i>eryngii</i> without affecting tumor growth or cachexia. Food and Function, 2021, 12, 3083-3095.	4.6	4
221	Extracellular Vesicles in Airway Homeostasis and Pathophysiology. Applied Sciences (Switzerland), 2021, 11, 9933.	2.5	4
222	The eSports conundrum: is the sports sciences community ready to face them? A perspective. Journal of Sports Medicine and Physical Fitness, 2020, 60, 1591-1602.	0.7	4
223	Physiactisome: A New Nanovesicle Drug Containing Heat Shock Protein 60 for Treating Muscle Wasting and Cachexia. Cells, 2022, 11, 1406.	4.1	4
224	Sarcomatoid Carcinoma of Urinary Bladder: Immunohistochemical Study of an Uncommon Case. Urologia Internationalis, 2002, 69, 141-144.	1.3	3
225	Role of CD1A and HSP60 in the antitumoral response of oesophageal cancer. Oncology Reviews, 2008, 1, 225-232.	1.8	3
226	p53 and Ki-67 expression in renal cell carcinomas of pregnant women and their correlation with prognosis: a pilot study. International Journal of Gynecological Cancer, 2008, 18, 132-135.	2.5	3
227	Depleted uranium induces human carcinogenesis involving the immune and chaperoning systems: Realities and working hypotheses. Medical Hypotheses, 2019, 124, 26-30.	1.5	3
228	Chaperonin Hsp60 and Cancer Therapies. Heat Shock Proteins, 2020, , 31-52.	0.2	3
229	Beneficial Effect of Probiotics Administration in Inflammatory Bowel Disease and Related Spondyloarthropathy: A Prospective Study. Medical Science Technology, 0, 56, 100-103.	0.0	3
230	Effects of Essential Oils and Selected Compounds from Lamiaceae Family as Adjutants on the Treatment of Subjects with Periodontitis and Cardiovascular Risk. Applied Sciences (Switzerland), 2021, 11, 9563.	2.5	3
231	Is CD1a involved in antitumour immune responses during carcinogenesis?. British Journal of Cancer, 2004, 90, 938-938.	6.4	2
232	Could tubular interstitium be a source of adult epithelial stem cells?. Kidney International, 2006, 70, 2040.	5.2	2
233	Taravana: Documentation of Bubbles by Computerized Tomography. Journal of Neurosurgical Anesthesiology, 2010, 22, 271.	1.2	2
234	Missense Mutations of Human Hsp60: A Computational Analysis to Unveil Their Pathological Significance. Frontiers in Genetics, 2020, 11, 969.	2.3	2

#	Article	IF	CITATIONS
235	Chaperonopathies: Diseases in Which Mortalin and Other Hsp-Chaperones Play a Role in Etiology and Pathogenesis. , 2012, , 209-221.		2
236	Immunohistochemical and Biomolecular Identification of Orphanin FQ, eNOS, Atrial natriuretic Factor and Oxytocin in Rat Seminal Vesicles. Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia, 2009, 38, 443-448.	0.7	1
237	Hsp60 and Hsp10 in Ageing. Heat Shock Proteins, 2010, , 401-426.	0.2	1
238	Overview and Book Plan. SpringerBriefs in Biochemistry and Molecular Biology, 2013, , 1-14.	0.3	1
239	Hsp60 Quantification in Human Gastric Mucosa Shows Differences between Pathologies with Various Degrees of Proliferation and Malignancy Grade. Applied Sciences (Switzerland), 2021, 11, 3582.	2.5	1
240	Association between Serum Heat Shock Proteins and Gamma-Delta T Cells—An Outdated Clue or a New Direction in Searching for an Anticancer Strategy? A Short Report. Applied Sciences (Switzerland), 2021, 11, 7325.	2.5	1
241	HSP60: A Story as Long as Life on the Earth. Heat Shock Proteins, 2019, , 3-14.	0.2	1
242	Protective role of the complement regulatory protein human CD-55 in cardiac xenograft: a descriptive study and a revision of the literature. Histology and Histopathology, 2002, 17, 1085-94.	0.7	1
243	Does Intestine Morphology Still Have Secrets to Reveal? A Proposal about the "Chost―Layer of the Bowel. , 2022, 1, 95-100.		1
244	8 Role of immunohistochemical expression of PCNA and p53 in prostate carcinoma. Handbook of Immunohistochemistry and in Situ Hybridization of Human Carcinomas, 2002, , 359-368.	0.0	0
245	CD1a immunopositivity could help to address prognosis of intestinal-type Barrett's metaplasia. Histopathology, 2005, 47, 117-118.	2.9	0
246	Corrigendum to "Hsp60 and AChR cross-reactivity in myasthenia gravis: An update.―[J. Neurol. Sci. 292 (2010) 117–118]. Journal of the Neurological Sciences, 2012, 323, 271-272.	0.6	0
247	Other Types of Chaperonopathies. SpringerBriefs in Biochemistry and Molecular Biology, 2013, , 75-106.	0.3	0
248	Low-Cost RPAS Navigation and Guidance System using Square Root Unscented Kalman Filter. , 0, , .		0
249	Heat shock proteins and ulcerative colitis: The start of a new era?. Arab Journal of Gastroenterology, 2015, 16, 39.	0.9	0
250	Extracorporeal Shock Waves Increase Markers of Cellular Proliferation in Bronchial Epithelium and in Primary Bronchial Fibroblasts of COPD Patients. Canadian Respiratory Journal, 2020, 2020, 1-14.	1.6	0
251	Unexpected tumor reduction in metastatic colorectal cancer patients during SARS-Cov-2 infection: effect of ACE-2 expression on tumor cells or molecular mimicry phenomena? Two not mutually exclusive hypotheses. Therapeutic Advances in Medical Oncology, 2021, 13, 175883592110278.	3.2	0
252	Editorial for the Special Issue "Extracellular Chaperones and Related miRNA as Diagnostic Tools of Chronic Diseasesâ€: Applied Sciences (Switzerland), 2021, 11, 5517.	2.5	0

#	Article	IF	CITATIONS
253	Hsp60 Friend and Foe of the Nervous System. Heat Shock Proteins, 2019, , 3-21.	0.2	0
254	European Week of Sport: innovative initiative of European Commission that inspires children to be active. Journal of Sports Medicine and Physical Fitness, 2019, 59, 1026-1029.	0.7	0
255	Special Issue "Celebrating Applied Sciences Reaches 20,000 Articles Milestone: Feature Papers in Applied Biosciences and Bioengineering Section― Applied Sciences (Switzerland), 2022, 12, 3978.	2.5	0
256	Anastomosis between Median and Musculocutaneous Nerve: Presentation of a Very Rare Anatomical Variation in Comparison to Classical Divisions. , 2022, 1, 68-74.		0