

Francesco Cappello

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2054103/francesco-cappello-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

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	ITCH E3 Ubiquitin Ligase downregulation compromises hepatic degradation of branched-chain amino acids.. <i>Molecular Metabolism</i> , 2022 , 101454	8.8	0
237	Morphological Alterations and Stress Protein Variations in Lung Biopsies Obtained from Autopsies of COVID-19 Subjects. <i>Cells</i> , 2021 , 10,	7.9	2
236	Molecular Profile Study of Extracellular Vesicles for the Identification of Useful Small Blitin Cancer Diagnosis. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 10787	2.6	0
235	Extracellular Vesicles in Airway Homeostasis and Pathophysiology. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 9933	2.6	1
234	Effects of Essential Oils and Selected Compounds from Lamiaceae Family as Adjutants on the Treatment of Subjects with Periodontitis and Cardiovascular Risk. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 9563	2.6	0
233	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
232	Molecular mimicry in the post-COVID-19 signs and symptoms of neurovegetative disorders?. <i>Lancet Microbe, The</i> , 2021 , 2, e94	22.2	9
231	Hsp60 Quantification in Human Gastric Mucosa Shows Differences between Pathologies with Various Degrees of Proliferation and Malignancy Grade. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 3582	2.6	0
230	SARS-CoV-2 in patients with cancer: possible role of mimicry of human molecules by viral proteins and the resulting anti-cancer immunity. <i>Cell Stress and Chaperones</i> , 2021 , 26, 611-616	4	3
229	Function and Fiber-Type Specific Distribution of Hsp60 and B-Crystallin in Skeletal Muscles: Role of Physical Exercise. <i>Biology</i> , 2021 , 10,	4.9	1
228	The Neurochaperonopathies: Anomalies of the Chaperone System with Pathogenic Effects in Neurodegenerative and Neuromuscular Disorders. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 898	2.6	0
227	Sex-based differences after a single bout of exercise on PGC1 β isoforms in skeletal muscle: A pilot study. <i>FASEB Journal</i> , 2021 , 35, e21328	0.9	2
226	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. <i>Therapeutic Advances in Medical Oncology</i> , 2021 , 13, 17588359211027825	5.4	
225	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. <i>Food and Function</i> , 2021 , 12, 3083-3095	6.1	1
224	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. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 7325	2.6	0
223	Hsp27 and Hsp60 in human submandibular salivary gland: Quantitative patterns in healthy and cancerous tissues with potential implications for differential diagnosis and carcinogenesis. <i>Acta Histochemica</i> , 2021 , 123, 151771	2	0
222	COVID-19 and molecular mimicry: The Columbus' egg?. <i>Journal of Clinical Neuroscience</i> , 2020 , 77, 246	2.2	22

221	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
220	Molecular mimicry may explain multi-organ damage in COVID-19. <i>Autoimmunity Reviews</i> , 2020 , 19, 102591	3.6	60
219	Hsp60 Post-translational Modifications: Functional and Pathological Consequences. <i>Frontiers in Molecular Biosciences</i> , 2020 , 7, 95	5.6	27
218	Does SARS-CoV-2 Trigger Stress-Induced Autoimmunity by Molecular Mimicry? A Hypothesis. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	26
217	Curcumin Affects HSP60 Folding Activity and Levels in Neuroblastoma Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	11
216	The eSports conundrum: is the sports sciences community ready to face them? A perspective. <i>Journal of Sports Medicine and Physical Fitness</i> , 2020 , 60, 1591-1602	1.4	4
215	Myocardial bridge pathology and preventable accidents during physical activity of healthy subjects: A case report and a literature review. <i>Medico-Legal Journal</i> , 2020 , 88, 209-214	1.4	1
214	A Novel CCT5 Missense Variant Associated with Early Onset Motor Neuropathy. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
213	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
212	The Post-Lockdown Era: What Is Next in Italy?. <i>Frontiers in Pharmacology</i> , 2020 , 11, 1074	5.6	10
211	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
210	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
209	Extracorporeal Shock Waves Increase Markers of Cellular Proliferation in Bronchial Epithelium and in Primary Bronchial Fibroblasts of COPD Patients. <i>Canadian Respiratory Journal</i> , 2020 , 2020, 1524716	2.1	
208	Lipid chaperones and associated diseases: a group of chaperonopathies defining a new nosological entity with implications for medical research and practice. <i>Cell Stress and Chaperones</i> , 2020 , 25, 805-820	4	7
207	Missense Mutations of Human Hsp60: A Computational Analysis to Unveil Their Pathological Significance. <i>Frontiers in Genetics</i> , 2020 , 11, 969	4.5	1
206	Chaperonin Hsp60 and Cancer Therapies. <i>Heat Shock Proteins</i> , 2020 , 31-52	0.2	1
205	Molecular chaperones in tumors of salivary glands. <i>Journal of Molecular Histology</i> , 2020 , 51, 109-115	3.3	4
204	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

203	Depleted uranium induces human carcinogenesis involving the immune and chaperoning systems: Realities and working hypotheses. <i>Medical Hypotheses</i> , 2019 , 124, 26-30	3.8	2
202	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
201	Augmented Reality Gamification for Human Anatomy. <i>Lecture Notes in Computer Science</i> , 2019 , 409-413	0.9	3
200	Hsp60 Protects against Amyloid β Oligomer Synaptic Toxicity via Modification of Toxic Oligomer Conformation. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 2858-2867	5.7	9
199	A novel therapeutic approach to colorectal cancer in diabetes: role of metformin and rapamycin. <i>Oncotarget</i> , 2019 , 10, 1284-1305	3.3	7
198	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
197	Probiotics Can Cure Oral Aphthous-Like Ulcers in Inflammatory Bowel Disease Patients: A Review of the Literature and a Working Hypothesis. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	4
196	Bacterial load and inflammatory response in sputum of alpha-1 antitrypsin deficiency patients with COPD. <i>International Journal of COPD</i> , 2019 , 14, 1879-1893	3	6
195	Myelin Pathology: Involvement of Molecular Chaperones and the Promise of Chaperonotherapy. <i>Brain Sciences</i> , 2019 , 9,	3.4	1
194	2-Methoxyestradiol and Its Combination with a Natural Compound, Ferulic Acid, Induces Melanoma Cell Death via Downregulation of Hsp60 and Hsp90. <i>Journal of Oncology</i> , 2019 , 2019, 9293416	4.5	2
193	Hsp60 Friend and Foe of the Nervous System. <i>Heat Shock Proteins</i> , 2019 , 3-21	0.2	
192	European Week of Sport: innovative initiative of European Commission that inspires children to be active. <i>Journal of Sports Medicine and Physical Fitness</i> , 2019 , 59, 1026-1029	1.4	
191	HSP60: A Story as Long as Life on the Earth. <i>Heat Shock Proteins</i> , 2019 , 3-14	0.2	0
190	Hsp60 as a Novel Target in IBD Management: A Prospect. <i>Frontiers in Pharmacology</i> , 2019 , 10, 26	5.6	14
189	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
188	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. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 4324	2.6	3
187	On the Choice of the Extracellular Vesicles for Therapeutic Purposes. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	53
186	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

185	Heat shock protein (Hsp) regulation by muscarinic acetylcholine receptor (mAChR) activation in the rat hippocampus. <i>Journal of Cellular Physiology</i> , 2018 , 233, 6107-6116	7	8
184	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
183	Chaperonology: The Third Eye on Brain Gliomas. <i>Brain Sciences</i> , 2018 , 8,	3.4	14
182	Potential Health Benefits of Olive Oil and Plant Polyphenols. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	240
181	Immunohistochemistry of Human Hsp60 in Health and Disease: From Autoimmunity to Cancer. <i>Methods in Molecular Biology</i> , 2018 , 1709, 293-305	1.4	6
180	Hsp60 in Skeletal Muscle Fiber Biogenesis and Homeostasis: From Physical Exercise to Skeletal Muscle Pathology. <i>Cells</i> , 2018 , 7,	7.9	15
179	Circulating Molecular Chaperones in Subjects with Amnesic Mild Cognitive Impairment and Alzheimer's Disease: Data from the Zab \ddot{e} Aging Project. <i>Journal of Alzheimer's Disease</i> , 2018 ,	4.3	3
178	Superior Mesenteric Artery Syndrome: Clinical, Endoscopic, and Radiological Findings. <i>Gastroenterology Research and Practice</i> , 2018 , 2018, 1937416	2	15
177	Exosomal Chaperones and miRNAs in Gliomagenesis: State-of-Art and Theranostics Perspectives. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	28
176	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
175	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
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	Bronchial inflammation and bacterial load in stable COPD is associated with TLR4 overexpression. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	48
172	Quantitative analysis of the impact of a human pathogenic mutation on the CCT5 chaperonin subunit using a proxy archaeal ortholog. <i>Biochemistry and Biophysics Reports</i> , 2017 , 12, 66-71	2.2	4
171	HSP60 activity on human bronchial epithelial cells. <i>International Journal of Immunopathology and Pharmacology</i> , 2017 , 30, 333-340	3	17
170	Fasting regulates EGR1 and protects from glucose- and dexamethasone-dependent sensitization to chemotherapy. <i>PLoS Biology</i> , 2017 , 15, e2001951	9.7	26
169	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
168	Chaperonin of Group I: Oligomeric Spectrum and Biochemical and Biological Implications. <i>Frontiers in Molecular Biosciences</i> , 2017 , 4, 99	5.6	41

167	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
166	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
165	Reprint of "EXOSOME LEVELS IN HUMAN BODY FLUIDS: A TUMOR MARKER BY THEMSELVES?". <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 98, 64-69	5.1	6
164	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
163	Effects of Conjugated Linoleic Acid Associated With Endurance Exercise on Muscle Fibres and Peroxisome Proliferator-Activated Receptor γ Coactivator 1 Isoforms. <i>Journal of Cellular Physiology</i> , 2017 , 232, 1086-1094	7	17
162	Mild Aerobic Exercise Training Hardly Affects the Diaphragm of mdx Mice. <i>Journal of Cellular Physiology</i> , 2017 , 232, 2044-2052	7	10
161	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
160	HSP60 is a Ubiquitous Player in the Physiological and Pathogenic Interactions between the Chaperoning and the Immune Systems. <i>Current Immunology Reviews</i> , 2017 , 13,	1.3	7
159	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
158	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
157	Skeletal muscle Heat shock protein 60 increases after endurance training and induces peroxisome proliferator-activated receptor gamma coactivator 1 β expression. <i>Scientific Reports</i> , 2016 , 6, 19781	4.9	46
156	Histone macroH2A1.2 promotes metabolic health and leanness by inhibiting adipogenesis. <i>Epigenetics and Chromatin</i> , 2016 , 9, 45	5.8	24
155	Lack of Dystrophin Affects Bronchial Epithelium in mdx Mice. <i>Journal of Cellular Physiology</i> , 2016 , 231, 2218-23	7	4
154	Alcoholic Liver Disease: A Mouse Model Reveals Protection by Lactobacillus fermentum. <i>Clinical and Translational Gastroenterology</i> , 2016 , 7, e138	4.2	33
153	Inflammatory bowel disease, colorectal cancer and type 2 diabetes mellitus: The links. <i>BBA Clinical</i> , 2016 , 5, 16-24		83
152	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
151	Evidence-Based Clinical Use of Nanoscale Extracellular Vesicles in Nanomedicine. <i>ACS Nano</i> , 2016 , 10, 3886-99	16.7	304
150	Effects of Nandrolone Stimulation on Testosterone Biosynthesis in Leydig Cells. <i>Journal of Cellular Physiology</i> , 2016 , 231, 1385-91	7	34

149	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
148	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
147	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
146	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
145	Inflammation in irritable bowel syndrome: Myth or new treatment target?. <i>World Journal of Gastroenterology</i> , 2016 , 22, 2242-55	5.6	60
144	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
143	Zebrafish as a Model for the Study of Chaperonopathies. <i>Journal of Cellular Physiology</i> , 2016 , 231, 2107-14	1.4	5
142	CD1A-positive cells and HSP60 (HSPD1) levels in keratoacanthoma and squamous cell carcinoma. <i>Cell Stress and Chaperones</i> , 2016 , 21, 131-137	4	6
141	The Binding Mechanism of Epolactaene to Hsp60 Unveiled by in Silico Modelling. <i>ChemistrySelect</i> , 2016 , 1, 759-765	1.8	4
140	Hsp60, amateur chaperone in amyloid-beta fibrillogenesis. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016 , 1860, 2474-2483	4	29
139	Hsp60 response in experimental and human temporal lobe epilepsy. <i>Scientific Reports</i> , 2015 , 5, 9434	4.9	20
138	Hsp27 and Hsp70 in chronic obstructive pulmonary disease: certainties vs doubts. <i>Cell Stress and Chaperones</i> , 2015 , 20, 721-3	4	4
137	Oxidative stress markers at birth: Analyses of a neonatal population. <i>Acta Histochemica</i> , 2015 , 117, 486-91	2.1	11
136	Phospho-p38 MAPK expression in COPD patients and asthmatics and in challenged bronchial epithelium. <i>Respiration</i> , 2015 , 89, 329-42	3.7	9
135	Chaperonotherapy for Alzheimer's Disease: Focusing on HSP60. <i>Heat Shock Proteins</i> , 2015 , 51-76	0.2	4
134	2015 ,		5
133	Low-cost sensors based Multi-Sensor Data Fusion techniques for RPAS Navigation and Guidance 2015 ,		3
132	Heat shock proteins and ulcerative colitis: The start of a new era?. <i>Arab Journal of Gastroenterology</i> , 2015 , 16, 39	1.7	

131	Biological properties of extracellular vesicles and their physiological functions. <i>Journal of Extracellular Vesicles</i> , 2015 , 4, 27066	16.4	2611
130	Amphiregulin activates human hepatic stellate cells and is upregulated in non alcoholic steatohepatitis. <i>Scientific Reports</i> , 2015 , 5, 8812	4.9	27
129	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
128	Lymphatic vessels of the dura mater: a new discovery?. <i>Journal of Anatomy</i> , 2015 , 227, 702-3	2.9	49
127	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
126	Multi-Sensor Data Fusion Techniques for RPAS Detect, Track and Avoid 2015 ,		3
125	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
124	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- β secretion to stimulation with Hsp60. <i>Cell Stress and Chaperones</i> , 2015 , 20, 391-5	4	7
123	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
122	Insulin Resistance as Common Molecular Denominator Linking Obesity to Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2015 , 12, 723-35	3	81
121	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
120	Innate immunity but not NLRP3 inflammasome activation correlates with severity of stable COPD. <i>Thorax</i> , 2014 , 69, 516-24	7.3	79
119	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
118	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
117	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
116	Fibrosis markers and CRIM1 increase in chronic heart failure of increasing severity. <i>Biomarkers</i> , 2014 , 19, 214-21	2.6	3
115	Hsp60 chaperonopathies and chaperonotherapy: targets and agents. <i>Expert Opinion on Therapeutic Targets</i> , 2014 , 18, 185-208	6.4	103
114	Extracellular vesicles as shuttles of tumor biomarkers and anti-tumor drugs. <i>Frontiers in Oncology</i> , 2014 , 4, 267	5.3	71

113	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
112	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
111	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. <i>Journal of Translational Medicine</i> , 2014 , 12, 248	8.5	9
110	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
109	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
108	The role of the heme oxygenase system in the metabolic syndrome. <i>Current Pharmaceutical Design</i> , 2014 , 20, 4970-4	3.3	14
107	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
106	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
105	Other Types of Chaperonopathies. <i>SpringerBriefs in Biochemistry and Molecular Biology</i> , 2013 , 75-106		
104	Overview and Book Plan. <i>SpringerBriefs in Biochemistry and Molecular Biology</i> , 2013 , 1-14		1
103	Hsp60 and human aging: Les liaisons dangereuses. <i>Frontiers in Bioscience - Landmark</i> , 2013 , 18, 626-37	2.8	22
102	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
101	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
100	The Chaperonopathies. <i>SpringerBriefs in Biochemistry and Molecular Biology</i> , 2013 ,		14
99	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
98	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
97	Hsp10: anatomic distribution, functions, and involvement in human disease. <i>Frontiers in Bioscience - Elite</i> , 2013 , 5, 768-78	1.6	19
96	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

95	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
94	Immunopositivity for histone macroH2A1 isoforms marks steatosis-associated hepatocellular carcinoma. <i>PLoS ONE</i> , 2013 , 8, e54458	3-7	52
93	Mutual antagonism between circadian protein period 2 and hepatitis C virus replication in hepatocytes. <i>PLoS ONE</i> , 2013 , 8, e60527	3-7	31
92	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
91	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
90	Chaperonopathies and chaperonotherapy. Hsp60 as therapeutic target in cancer: potential benefits and risks. <i>Current Pharmaceutical Design</i> , 2013 , 19, 452-7	3-3	8
89	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
88	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
87	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
86	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
85	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
84	Chaperonopathies: Diseases in Which Mortalin and Other Hsp-Chaperones Play a Role in Etiology and Pathogenesis 2012 , 209-221		1
83	HSP-molecular chaperones in cancer biogenesis and tumor therapy: an overview. <i>Anticancer Research</i> , 2012 , 32, 5139-50	2-3	79
82	Hsp60 and heme oxygenase-1 (Hsp32) in acute myocardial infarction. <i>Translational Research</i> , 2011 , 157, 285-92	11	58
81	Heat shock protein-60 and risk for cardiovascular disease. <i>Current Pharmaceutical Design</i> , 2011 , 17, 3662-3	3-3	28
80	Hsp10, Hsp70, and Hsp90 immunohistochemical levels change in ulcerative colitis after therapy. <i>European Journal of Histochemistry</i> , 2011 , 55, e38	2-1	44
79	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
78	Hsp60: molecular anatomy and role in colorectal cancer diagnosis and treatment. <i>Frontiers in Bioscience - Scholar</i> , 2011 , 3, 341-51	2-4	22

77	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
76	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
75	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
74	Immunohistochemistry of human Hsp60 in health and disease: from autoimmunity to cancer. <i>Methods in Molecular Biology</i> , 2011 , 787, 245-54	1.4	8
73	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
72	Mitochondrial DNA mutations in cancer--from bench to bedside. <i>Frontiers in Bioscience - Landmark</i> , 2010 , 15, 437-60	2.8	21
71	Taravana: documentation of bubbles by computerized tomography. <i>Journal of Neurosurgical Anesthesiology</i> , 2010 , 22, 271	3	1
70	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
69	Hsp60 and Hsp10 in Ageing. <i>Heat Shock Proteins</i> , 2010 , 401-426	0.2	1
68	Hsp60 and AChR cross-reactivity in myasthenia gravis: An update. <i>Journal of the Neurological Sciences</i> , 2010 , 292, 117-8	3.2	16
67	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
66	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
65	MDMA administration and heat shock proteins response: foreseeing a molecular link. <i>Current Pharmaceutical Biotechnology</i> , 2010 , 11, 496-9	2.6	10
64	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
63	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
62	Giovanni Filippo Ingrassia: A five-hundred year-long lesson. <i>Clinical Anatomy</i> , 2010 , 23, 743-9	2.5	6
61	Molecular oncology focus - is carcinogenesis a 'mitochondriopathy'?. <i>Journal of Biomedical Science</i> , 2010 , 17, 31	13.3	17
60	Hsp60 is actively secreted by human tumor cells. <i>PLoS ONE</i> , 2010 , 5, e9247	3.7	126

59	Chlamydia trachomatis infection and anti-Hsp60 immunity: the two sides of the coin. <i>PLoS Pathogens</i> , 2009 , 5, e1000552	7.6	80
58	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
57	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
56	Cardiac stem cell research: an elephant in the room?. <i>Anatomical Record</i> , 2009 , 292, 449-54	2.1	19
55	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
54	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
53	Immunohistochemical and biomolecular identification of orphanin FQ, eNOS, atrial natriuretic factor and oxytocin in rat seminal vesicles. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2009 , 38, 443-8	1.1	
52	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
51	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
50	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
49	p53 and Ki-67 expression in renal cell carcinomas of pregnant women and their correlation with prognosis: a pilot study. <i>International Journal of Gynecological Cancer</i> , 2008 , 18, 132-5	3.5	3
48	Spatial and temporal dynamics of innervation during the development of fetal human pancreas. <i>Neuroscience</i> , 2008 , 154, 1477-87	3.9	22
47	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
46	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
45	Role of CD1A and HSP60 in the antitumoral response of oesophageal cancer. <i>Oncology Reviews</i> , 2008 , 1, 225-232	4.3	2
44	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
43	Cigarette smoke exposure inhibits extracellular MMP-2 (gelatinase A) activity in human lung fibroblasts. <i>Respiratory Research</i> , 2007 , 8, 23	7.3	26
42	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

41	Atrial natriuretic peptide and CD34 overexpression in human idiopathic dilated cardiomyopathies. <i>Apmis</i> , 2007 , 115, 1227-33	3.4	8
40	Hsp60 and Hsp10 as antitumor molecular agents. <i>Cancer Biology and Therapy</i> , 2007 , 6, 487-9	4.6	29
39	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
38	Carcinosarcoma of monoclonal origin arising in a dermoid cyst of ovary: a case report. <i>BMC Cancer</i> , 2006 , 6, 47	4.8	20
37	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
36	Mitochondrial chaperones in cancer: from molecular biology to clinical diagnostics. <i>Cancer Biology and Therapy</i> , 2006 , 5, 714-20	4.6	116
35	Heat shock protein 10 and signal transduction: a "capsula eburnea" of carcinogenesis?. <i>Cell Stress and Chaperones</i> , 2006 , 11, 287-94	4	46
34	Research of cardiomyocyte precursors in adult rat heart. <i>Tissue and Cell</i> , 2006 , 38, 345-51	2.7	7
33	Could tubular interstitium be a source of adult epithelial stem cells?. <i>Kidney International</i> , 2006 , 70, 2040; author reply 2040-1	9.9	2
32	HSP60 expression during carcinogenesis: where is the pilot?. <i>Pathology Research and Practice</i> , 2006 , 202, 401-2	3.4	2
31	Human recombinant vasostatin-1 may interfere with cell-extracellular matrix interactions. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1090, 305-10	6.5	6
30	Immunopositivity of heat shock protein 60 as a biomarker of bronchial carcinogenesis. <i>Lancet Oncology</i> , 2005 , 6, 816	21.7	36
29	HSP60 expression during carcinogenesis: a molecular "proteus" of carcinogenesis?. <i>Cell Stress and Chaperones</i> , 2005 , 10, 263-4	4	17
28	CD1a immunopositivity could help to distinguish Barrett's metaplasia from heterotopic gastric mucosa. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2005 , 20, 1308-9	4	4
27	CD1a immunopositivity could help to address prognosis of intestinal-type Barrett's metaplasia. <i>Histopathology</i> , 2005 , 47, 117-8	7.3	
26	The expression of HSP60 and HSP10 in large bowel carcinomas with lymph node metastase. <i>BMC Cancer</i> , 2005 , 5, 139	4.8	91
25	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
24	Senescence-associated HSP60 expression in normal human skin fibroblasts 2005 , 284, 446-53		17

23	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
22	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
21	Is CD1a involved in antitumour immune responses during carcinogenesis?. <i>British Journal of Cancer</i> , 2004 , 90, 938; author reply 939	8.7	2
20	Primitive Neuroectodermal Tumor (PNET) of the kidney: a case report. <i>BMC Cancer</i> , 2004 , 4, 3	4.8	36
19	CD1a and antitumour immune response. <i>Immunology Letters</i> , 2004 , 95, 1-4	4.1	25
18	Biological aggressiveness evaluation in prostate carcinomas: immunohistochemical analysis of PCNA and p53 in a series of Gleason 6 (3+3) adenocarcinomas. <i>European Journal of Histochemistry</i> , 2003 , 47, 129-32	2.1	4
17	60KDa chaperonin (HSP60) is over-expressed during colorectal carcinogenesis. <i>European Journal of Histochemistry</i> , 2003 , 47, 105-10	2.1	98
16	HSP60 and HSP10 as diagnostic and prognostic tools in the management of exocervical carcinoma. <i>Gynecologic Oncology</i> , 2003 , 91, 661	4.9	16
15	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
14	CD1a: a novel biomarker for Barrett's metaplasia?. <i>Lancet Oncology, The</i> , 2003 , 4, 497	21.7	12
13	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
12	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
11	Expression of 60-kD heat shock protein increases during carcinogenesis in the uterine exocervix. <i>Pathobiology</i> , 2002 , 70, 83-8	3.6	67
10	Sarcomatoid carcinoma of urinary bladder: immunohistochemical study of an uncommon case. <i>Urologia Internationalis</i> , 2002 , 69, 141-4	1.9	3
9	8 Role of immunohistochemical expression of PCNA and p53 in prostate carcinoma. <i>Handbook of Immunohistochemistry and in Situ Hybridization of Human Carcinomas</i> , 2002 , 359-368		
8	Protective role of the complement regulatory protein human CD-55 in cardiac xenograft: a descriptive study and a revision of the literature. <i>Histology and Histopathology</i> , 2002 , 17, 1085-94	1.4	1
7	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
6	Poorly differentiated synovial sarcoma: a case report. <i>Pathology and Oncology Research</i> , 2001 , 7, 63-6	2.6	7

5	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
4	Mature teratoma of the uterine corpus with thyroid differentiation. <i>Pathology International</i> , 2000 , 50, 546-8	1.8	12
3	hDAF expression in hearts of transgenic pigs obtained by sperm-mediated gene transfer. <i>Transplantation Proceedings</i> , 2000 , 32, 895-6	1.1	7
2	Efficiency of transgenesis using sperm-mediated gene transfer: generation of hDAF transgenic pigs. <i>Transplantation Proceedings</i> , 2000 , 32, 892-4	1.1	12
1	Beneficial Effect of Probiotics Administration in Inflammatory Bowel Disease and Related Spondyloarthritis: A Prospective Study. <i>Medical Science Technology</i> , 56, 100-103		2