

CITATION REPORT

List of articles citing

New agents that target senescent cells: the flavone, fisetin, and the BCL-X inhibitors, A1331852 and A1155463

DOI: 10.18632/aging.101202
Aging, 2017, 9, 955-963.

Source: <https://exaly.com/paper-pdf/68321326/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. 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.

#	Paper	IF	Citations
377	Cellular Senescence: A Translational Perspective. 2017 , 21, 21-28		453
376	The DNA Damage Response in Neurons: Die by Apoptosis or Survive in a Senescence-Like State?. 2017 , 60, S107-S131		56
375	Advances in Therapeutic Approaches to Extend Healthspan: a perspective from the 2 Scripps Symposium on the Biology of Aging. 2017 , 16, 610-614		8
374	Identification of HSP90 inhibitors as a novel class of senolytics. 2017 , 8, 422		312
373	Effects of 17-allylamino-17-demethoxygeldanamycin on the induction of apoptosis and cell cycle arrest in HCT-116 cells. 2017 , 14, 2177-2185		5
372	Proteostasis in cardiac health and disease. 2017 , 14, 637-653		83
371	The Dual Role of Cellular Senescence in Developing Tumors and Their Response to Cancer Therapy. 2017 , 7, 278		124
370	HIV as a Cause of Immune Activation and Immunosenescence. 2017 , 2017, 6825493		70
369	The Clinical Potential of Senolytic Drugs. 2017 , 65, 2297-2301		290
368	p16(Ink4a) and senescence-associated β -galactosidase can be induced in macrophages as part of a reversible response to physiological stimuli. <i>Aging</i> , 2017 , 9, 1867-1884	5.6	139
367	Anti-aging potential of tree nuts with a focus on the phytochemical composition, molecular mechanisms and thermal stability of major bioactive compounds. 2018 , 9, 2554-2575		37
366	Cellular senescence as a therapeutic target to improve renal transplantation outcome. 2018 , 130, 322-330		17
365	Blocking negative effects of senescence in human skin fibroblasts with a plant extract. 2018 , 4, 4		32
364	Senotherapeutics for healthy ageing. 2018 , 17, 377		64
363	Targeting Senescent Cells in Fibrosis: Pathology, Paradox, and Practical Considerations. 2018 , 20, 3		44
362	Cellular senescence in the aging and diseased kidney. 2018 , 12, 69-82		75
361	Association of chronic fatigue syndrome with premature telomere attrition. 2018 , 16, 44		4

360	Senotherapy for attenuation of cellular senescence in aging and organ implantation. 2018 , 60, 1-8		3
359	Senescent cell clearance by the immune system: Emerging therapeutic opportunities. 2018 , 40, 101275		138
358	Premature Physiologic Aging as a Paradigm for Understanding Increased Risk of Adverse Health Across the Lifespan of Survivors of Childhood Cancer. 2018 , 36, 2206-2215		51
357	Prospects of Pharmacological Interventions to Organismal Aging. 2018 , 9, 200-215		2
356	Strategies targeting cellular senescence. <i>Journal of Clinical Investigation</i> , 2018 , 128, 1247-1254	15.9	102
355	Advances in Senotherapies. 2018 , 67-82		1
354	Urothelial Senescence in the Pathophysiology of Diabetic Bladder Dysfunction-A Novel Hypothesis. 2018 , 5, 72		10
353	Emerging Anti-Aging Strategies - Scientific Basis and Efficacy. 2018 , 9, 1165-1184		54
352	The mitomiR/Bcl-2 axis affects mitochondrial function and autophagic vacuole formation in senescent endothelial cells. <i>Aging</i> , 2018 , 10, 2855-2873	5.6	18
351	Targeting senescence to delay progression of multiple sclerosis. 2018 , 96, 1153-1166		24
350	The Senescence-Stemness Alliance - A Cancer-Hijacked Regeneration Principle. 2018 , 28, 1049-1061		42
349	Ageing, Cellular Senescence and Neurodegenerative Disease. 2018 , 19,		129
348	Fisetin is a senotherapeutic that extends health and lifespan. 2018 , 36, 18-28		298
347	The emerging field of senotherapeutic drugs. 2018 , 10, 2369-2372		18
346	Oxidation resistance 1 is a novel senolytic target. 2018 , 17, e12780		66
345	Inducers of Senescence, Toxic Compounds, and Senolytics: The Multiple Faces of Nrf2-Activating Phytochemicals in Cancer Adjuvant Therapy. 2018 , 2018, 4159013		38
344	Fibroblast senescence in the pathology of idiopathic pulmonary fibrosis. 2018 , 315, L162-L172		70
343	Ionizing Radiation-Induced Cellular Senescence in Normal, Non-transformed Cells and the Involved DNA Damage Response: A Mini Review. 2018 , 9, 522		60

342	Vascular Senescence in Cardiovascular and Metabolic Diseases. 2018 , 5, 18	104
341	Non-Cell Autonomous Effects of the Senescence-Associated Secretory Phenotype in Cancer Therapy. 2018 , 8, 164	30
340	Senolytic drugs in respiratory medicine: is it an appropriate therapeutic approach?. 2018 , 27, 573-581	10
339	Out with the old, in with the new: senescence in development. 2018 , 55, 74-80	13
338	Treating Age-Related Diseases with Somatic Stem Cells. 2018 , 1056, 29-45	5
337	Effects of senolytic drugs on human mesenchymal stromal cells. 2018 , 9, 108	31
336	Topical application of quercetin improves wound healing in pressure ulcer lesions. 2018 , 27, 779-786	33
335	Mechanisms and consequences of oxidative stress in lung disease: therapeutic implications for an aging populace. 2018 , 314, L642-L653	64
334	Cellular Senescence: The Sought or the Unwanted?. 2018 , 24, 871-885	84
333	Hsp90 inhibitors as senolytic drugs to extend healthy aging. 2018 , 17, 1048-1055	35
332	Senolytic activity of piperlongumine analogues: Synthesis and biological evaluation. 2018 , 26, 3925-3938	27
331	Senescence and senotherapeutics: a new field in cancer therapy. 2019 , 193, 31-49	83
330	Secretome of Mesenchymal Stem Cells and its Impact on Chronic Obstructive Pulmonary Disease. 2019 , 139-157	
329	Targeting normal and cancer senescent cells as a strategy of senotherapy. 2019 , 55, 100941	30
328	Controlled induction and targeted elimination of p16-expressing chondrocytes in cartilage explant culture. 2019 , 33, 12364-12373	18
327	Increased renal cellular senescence in murine high-fat diet: effect of the senolytic drug quercetin. 2019 , 213, 112-123	48
326	Cellular Senescence and the Kidney: Potential Therapeutic Targets and Tools. 2019 , 10, 770	37
325	The transcription factor ETS1 promotes apoptosis resistance of senescent cholangiocytes by epigenetically up-regulating the apoptosis suppressor BCL2L1. 2019 , 294, 18698-18713	15

324	Targeting senescence improves angiogenic potential of adipose-derived mesenchymal stem cells in patients with preeclampsia. 2019 , 10, 49	28
323	Senolytics decrease senescent cells in humans: Preliminary report from a clinical trial of Dasatinib plus Quercetin in individuals with diabetic kidney disease. 2019 , 47, 446-456	356
322	Inflammaging. 2019 , 1599-1629	2
321	Exploiting interconnected synthetic lethal interactions between PARP inhibition and cancer cell reversible senescence. 2019 , 10, 2556	81
320	Emerging senolytic agents derived from natural products. 2019 , 181, 1-6	35
319	Senotherapeutics: emerging strategy for healthy aging and age-related disease. 2019 , 52, 47-55	69
318	Geroprotectors: A role in the treatment of frailty. 2019 , 180, 11-20	14
317	Targeting senescent cells alleviates obesity-induced metabolic dysfunction. 2019 , 18, e12950	218
316	The curcumin analog EF24 is a novel senolytic agent. <i>Aging</i> , 2019 , 11, 771-782	5.6 60
315	Functional screening to identify senescence regulators in cancer. 2019 , 54, 17-24	5
314	Cellular senescence and radiation-induced pulmonary fibrosis. 2019 , 209, 14-21	34
313	Curcumin and o-Vanillin Exhibit Evidence of Senolytic Activity in Human IVD Cells In Vitro. 2019 , 8,	45
312	Approaches towards Longevity: Reprogramming, Senolysis, and Improved Mitotic Competence as Anti-Aging Therapies. 2019 , 20,	11
311	In search of nutritional anti-aging targets: TOR inhibitors, SASP modulators, and BCL-2 family suppressors. 2019 , 65, 33-38	10
310	Is cellular senescence involved in cystic fibrosis?. 2019 , 20, 32	14
309	Targeting Cell Senescence for the Treatment of Age-Related Bone Loss. 2019 , 17, 70-85	22
308	The Use of Radioprotective Agents to Prevent Effects Associated with Aging. 2019 , 46, 1657-1670	
307	Targeting senescent cells in translational medicine. 2019 , 11, e10234	92

306	Utilizing PROTAC technology to address the on-target platelet toxicity associated with inhibition of BCL-X. 2019 , 55, 14765-14768	37
305	Potential role of senescence in radiation-induced damage of the aged skeleton. 2019 , 120, 423-431	17
304	The dynamic nature of senescence in cancer. 2019 , 21, 94-101	242
303	Sarcopenia: Aging-Related Loss of Muscle Mass and Function. 2019 , 99, 427-511	357
302	Cellular Senescence: Aging, Cancer, and Injury. 2019 , 99, 1047-1078	245
301	STAT3 Regulates the Onset of Oxidant-induced Senescence in Lung Fibroblasts. 2019 , 61, 61-73	34
300	Senolytics in idiopathic pulmonary fibrosis: Results from a first-in-human, open-label, pilot study. 2019 , 40, 554-563	425
299	Antiaging effects of bioactive molecules isolated from plants and fungi. 2019 , 39, 1515-1552	40
298	Hyperoxia-induced Cellular Senescence in Fetal Airway Smooth Muscle Cells. 2019 , 61, 51-60	37
297	Raman fingerprints as promising markers of cellular senescence and aging. 2020 , 42, 377-387	8
296	AMPK-mediated senolytic and senostatic activity of quercetin surface functionalized FeO nanoparticles during oxidant-induced senescence in human fibroblasts. 2020 , 28, 101337	42
295	The role of senescence in cancer development. 2020 , 62, 182-191	32
294	Bcl-X: A multifunctional anti-apoptotic protein. 2020 , 151, 104547	12
293	The emerging role of cellular senescence in renal diseases. 2020 , 24, 2087-2097	17
292	A toolbox for the longitudinal assessment of healthspan in aging mice. 2020 , 15, 540-574	38
291	Senescence-induced inflammation: an important player and key therapeutic target in atherosclerosis. 2020 , 41, 2983-2996	52
290	Herb-Derived Products: Natural Tools to Delay and Counteract Stem Cell Senescence. 2020 , 2020, 8827038	5
289	Senescence and castration resistance in prostate cancer: A review of experimental evidence and clinical implications. 2020 , 1874, 188424	2

288	Targeting Senescent Cells for a Healthier Aging: Challenges and Opportunities. 2020 , 7, 2002611	19
287	Senolytic drugs: from discovery to translation. 2020 , 288, 518-536	178
286	Hepatocellular Senescence: Immunosurveillance and Future Senescence-Induced Therapy in Hepatocellular Carcinoma. 2020 , 10, 589908	5
285	Phenolic Constituents of the Roots of with Senolytic Activity. 2020 , 83, 3661-3670	3
284	Send in the senolytics. 2020 , 38, 1371-1377	29
283	Natural Products as Modulators of Sirtuins. 2020 , 25,	15
282	Senescence and Cancer: A Review of Clinical Implications of Senescence and Senotherapies. 2020 , 12,	46
281	Osteocyte Cellular Senescence. 2020 , 18, 559-567	4
280	A Senescence-Centric View of Aging: Implications for Longevity and Disease. 2020 , 30, 777-791	60
279	Senolytics: targeting senescent cells for age-associated diseases. 2020 , 6, 161-172	1
278	Senescent Mesenchymal Stem Cells: Disease Mechanism and Treatment Strategy. 2020 , 6, 173-182	5
277	Senescence and the Aging Immune System as Major Drivers of Chronic Kidney Disease. 2020 , 8, 564461	15
276	Treating Senescence like Cancer: Novel Perspectives in Senotherapy of Chronic Diseases. 2020 , 21,	4
275	Stem Cells of the Aging Brain. 2020 , 12, 247	21
274	Immune checkpoint protein VSIG4 as a biomarker of aging in murine adipose tissue. 2020 , 19, e13219	7
273	Senescent Cell Depletion Through Targeting BCL-Family Proteins and Mitochondria. 2020 , 11, 593630	13
272	The Interaction of Viruses with the Cellular Senescence Response. 2020 , 9,	9
271	Nano-Based Theranostic Tools for the Detection and Elimination of Senescent Cells. 2020 , 9,	5

270	Nutraceutical Approaches of Autophagy and Neuroinflammation in Alzheimer's Disease: A Systematic Review. 2020 , 25,	12
269	Advancements in therapeutic drugs targeting of senescence. 2020 , 11, 2040622320964125	9
268	Metabolite Profiling of Rambutan (L.) Seeds Using UPLC-qTOF-MS/MS and Senomorphic Effects in Aged Human Dermal Fibroblasts. 2020 , 12,	9
267	Can blocking inflammation enhance immunity during aging?. 2020 , 145, 1323-1331	25
266	Treating age-related multimorbidity: the drug discovery challenge. 2020 , 25, 1403-1415	2
265	Cellular senescence in age-related disorders. 2020 , 226, 96-104	9
264	Emerging use of senolytics and senomorphics against aging and chronic diseases. 2020 , 40, 2114-2131	20
263	The role of cellular senescence in ageing and endocrine disease. 2020 , 16, 263-275	133
262	Transient DNMT3L Expression Reinforces Chromatin Surveillance to Halt Senescence Progression in Mouse Embryonic Fibroblast. 2020 , 8, 103	3
261	The Emerging Role of Senescence in Ocular Disease. 2020 , 2020, 2583601	19
260	Genome-Protecting Compounds as Potential Geroprotectors. 2020 , 21,	12
259	Doxorubicin-induced normal breast epithelial cellular aging and its related breast cancer growth through mitochondrial autophagy and oxidative stress mitigated by ginsenoside Rh2. 2020 , 34, 1659-1669	13
258	Discovery of PROTAC BCL-X degraders as potent anticancer agents with low on-target platelet toxicity. 2020 , 192, 112186	37
257	Inhibition of USP7 activity selectively eliminates senescent cells in part via restoration of p53 activity. 2020 , 19, e13117	30
256	Discovery, development, and future application of senolytics: theories and predictions. 2020 , 287, 2418-2427	49
255	The road ahead for health and lifespan interventions. 2020 , 59, 101037	48
254	Perspectives of the potential implications of polyphenols in influencing the interrelationship between oxi-inflammatory stress, cellular senescence and immunosenescence during aging. 2020 , 98, 41-52	11
253	Senotherapy: A New Horizon for COPD Therapy. 2020 , 158, 562-570	20

252	BCL-xL, a Mitochondrial Protein Involved in Successful Aging: From to Human Centenarians. 2020 , 21,	14
251	Regorafenib Alteration of the BCL-xL/MCL-1 Ratio Provides a Therapeutic Opportunity for BH3-Mimetics in Hepatocellular Carcinoma Models. 2020 , 12,	9
250	Targeted Reduction of Senescent Cell Burden Alleviates Focal Radiotherapy-Related Bone Loss. 2020 , 35, 1119-1131	40
249	Senescent Cells: Emerging Targets for Human Aging and Age-Related Diseases. 2020 , 45, 578-592	55
248	Using proteolysis-targeting chimera technology to reduce navitoclax platelet toxicity and improve its senolytic activity. 2020 , 11, 1996	73
247	Senolytic compounds control a distinct fate of androgen receptor agonist- and antagonist-induced cellular senescent LNCaP prostate cancer cells. 2020 , 10, 59	19
246	Elimination of senescent cells by β -galactosidase-targeted prodrug attenuates inflammation and restores physical function in aged mice. 2020 , 30, 574-589	75
245	Therapy-Induced Senescence: An "Old" Friend Becomes the Enemy. 2020 , 12,	74
244	Reducing Senescent Cell Burden in Aging and Disease. 2020 , 26, 630-638	47
243	Small-molecule drug repurposing to target DNA damage repair and response pathways. 2021 , 68, 230-241	11
242	New Horizons: Novel Approaches to Enhance Healthspan Through Targeting Cellular Senescence and Related Aging Mechanisms. 2021 , 106, e1481-e1487	21
241	Preventing and Treating Neurological Disorders with the Flavonol Fisetin. 2021 , 6, 155-166	11
240	Increased cellular senescence in the murine and human stenotic kidney: Effect of mesenchymal stem cells. 2021 , 236, 1332-1344	11
239	Senolytic Drugs: Reducing Senescent Cell Viability to Extend Health Span. 2021 , 61, 779-803	52
238	The bright and dark side of skin senescence. Could skin rejuvenation anti-senescence interventions become a "bright" new strategy for the prevention of age-related skin pathologies?. 2021 , 193, 111409	2
237	Molecular mechanisms and cardiovascular implications of cancer therapy-induced senescence. 2021 , 221, 107751	8
236	Repurposing drugs to fight aging: The difficult path from bench to bedside. 2021 , 41, 1676-1700	5
235	Targeting cellular senescence as a new approach to chronic obstructive pulmonary disease therapy. 2021 , 56, 68-73	5

234	Cellular senescence in ageing: from mechanisms to therapeutic opportunities. 2021 , 22, 75-95	191
233	Cellular Senescence and the Senescence-Associated Secretory Phenotype as Drivers of Skin Photoaging. 2021 , 141, 1119-1126	21
232	Is Adipose Tissue the Fountain of Youth? The Impact of Adipose Stem Cell Aging on Metabolic Homeostasis, Longevity, and Cell-Based Therapies. 2021 , 1286, 225-250	1
231	mTOR as a senescence manipulation target: A forked road. 2021 , 150, 335-363	3
230	Cellular senescence in the aging retina and developments of senotherapies for age-related macular degeneration. 2021 , 18, 32	20
229	Fisetin: A senolytic drug. 2021 , 379-401	
228	The Jekyll and Hyde of Cellular Senescence in Cancer. 2021 , 10,	10
227	Mechanisms of cell senescence in aging. 2021 , 53-67	1
226	Aging and age-related diseases: from mechanisms to therapeutic strategies. <i>Biogerontology</i> , 2021 , 22, 165-187	4-5 31
225	Senolytics for Cancer Therapy: Is All That Glitters Really Gold?. 2021 , 13,	19
224	Marine phycocompound screening reveals a potential source of novel senotherapeutics. 2021 , 1-15	4
223	National Institute on Aging Workshop: Repurposing Drugs or Dietary Supplements for Their Senolytic or Senomorphic Effects: Considerations for Clinical Trials. 2021 , 76, 1144-1152	7
222	Senescent cells as promising targets to tackle age-related diseases. 2021 , 66, 101251	9
221	Senolytics: Potential for Alleviating Diabetes and Its Complications. 2021 , 162,	9
220	Control of the Autophagy Pathway in Osteoarthritis: Key Regulators, Therapeutic Targets and Therapeutic Strategies. 2021 , 22,	5
219	Cellular senescence: Silent operator and therapeutic target in cancer. 2021 , 73, 530-542	1
218	Skeletal Aging and Osteoporosis: Mechanisms and Therapeutics. 2021 , 22,	12
217	Chondroprotection and Molecular Mechanism of Action of Phytonutraceuticals on Osteoarthritis. 2021 , 26,	4

216	Procyanidin C1 is a natural agent with senolytic activity against aging and age-related diseases.	1
215	Therapy-Induced Senescence: Opportunities to Improve Anticancer Therapy. 2021 , 113, 1285-1298	35
214	Senolytic targets and new strategies for clearing senescent cells. 2021 , 195, 111468	11
213	Donor and Recipient Age-Mismatches: The Potential of Transferring Senescence. 2021 , 12, 671479	1
212	Neuroinflammation in Alzheimer's Disease. 2021 , 9,	30
211	Genetic or pharmacological reduction of cholangiocyte senescence improves inflammation and fibrosis in the mouse. 2021 , 3, 100250	4
210	Cellular Senescence in Lung Fibrosis. 2021 , 22,	5
209	Mechanisms of cancer stem cell senescence: Current understanding and future perspectives. 2021 , 48, 1185-1202	3
208	Senolytics reduce coronavirus-related mortality in old mice. 2021 , 373,	60
207	Interventional Strategies to Delay Aging-Related Dysfunctions of the Musculoskeletal System.	
206	The interplay between apoptosis and cellular senescence: Bcl-2 family proteins as targets for cancer therapy. 2021 , 230, 107943	23
205	Aging and Mesenchymal Stem Cells: Therapeutic Opportunities and Challenges in the Older Group. 2021 , 1-14	2
204	Cellular senescence and hematological malignancies: From pathogenesis to therapeutics. 2021 , 223, 107817	1
203	Selective BCL-X Antagonists Eliminate Infected Cells from a Primary-Cell Model of HIV Latency but Not from Reservoirs. 2021 , 95, e0242520	2
202	Alternative splicing of and implications for treating hematological malignancies. 2021 , 22, 670	1
201	Cellular senescence in lymphoid organs and immunosenescence. <i>Aging</i> , 2021 , 13, 19920-19941	5.6 9
200	Aging, Cell Senescence, the Pathogenesis and Targeted Therapies of Osteoarthritis. 2021 , 12, 728100	6
199	Cellular Senescence in Idiopathic Pulmonary Fibrosis. 2021 , 7, 1-10	5

198	Fisetin for COVID-19 in skilled nursing facilities: Senolytic trials in the COVID era. 2021 , 69, 3023-3033	9
197	The role of senescence in the pathogenesis of atrial fibrillation: A target process for health improvement and drug development. 2021 , 69, 101363	3
196	The redox-senescence axis and its therapeutic targeting. 2021 , 45, 102032	7
195	Dissecting primary and secondary senescence to enable new senotherapeutic strategies. 2021 , 70, 101412	2
194	Cellular senescence in knee osteoarthritis: molecular mechanisms and therapeutic implications. 2021 , 70, 101413	10
193	Impact of Senescent Cell Subtypes on Tissue Dysfunction and Repair: Importance and Research Questions. 2021 , 198, 111548	5
192	Biological Aspects of Inflamm-Aging in Childhood Cancer Survivors. 2021 , 13,	5
191	SARS-CoV-2 causes senescence in human cells and exacerbates the senescence-associated secretory phenotype through TLR-3. <i>Aging</i> , 2021 , 13, 21838-21854	5.6 4
190	How good is the evidence that cellular senescence causes skin ageing?. 2021 , 71, 101456	7
189	Reflections on a century of vitamin E research: Looking at the past with an eye on the future. 2021 , 175, 155-160	7
188	Accelerated Lung Aging and Cellular Senescence in COPD. 2022 , 583-593	
187	Senomorphic, senolytic, and rejuvenation therapies. 2022 , 405-417	
186	Gearing up for the Future: Mitigating Dysregulated Inflammation in Aging and Facets of Obesity. 2021 ,	0
185	Senotherapeutics: Experimental therapy of cellular senescence. 2021 , 251-284	
184	Translational research in the fastest-growing population: older adults. 2021 , 413-437	
183	Inflammaging. 2018 , 1-31	3
182	Cellular senescence in aging and age-related diseases: Implications for neurodegenerative diseases. 2020 , 155, 203-234	16
181	The role of adipose tissue senescence in obesity- and ageing-related metabolic disorders. 2020 , 134, 315-330	29

180	Selective Vulnerability of Senescent Glioblastoma Cells to Bcl-XL Inhibition.		1
179	Apoptosis-resistance of senescent cells is an intrinsic barrier for senolysis induced by cardiac glycosides.		0
178	Is exercise a senolytic medicine? A systematic review. 2021 , 20, e13294		21
177	Mixing old and young: enhancing rejuvenation and accelerating aging. <i>Journal of Clinical Investigation</i> , 2019 , 129, 4-11	15.9	13
176	Senolytics and Senostatics: A Two-Pronged Approach to Target Cellular Senescence for Delaying Aging and Age-Related Diseases. 2019 , 42, 821-827		35
175	Non-canonical ATM/MRN activities temporally define the senescence secretory program. 2020 , 21, e50718		11
174	Small extracellular vesicles and their miRNA cargo are anti-apoptotic members of the senescence-associated secretory phenotype. <i>Aging</i> , 2018 , 10, 1103-1132	5.6	104
173	Paradoxes of senolytics. <i>Aging</i> , 2018 , 10, 4289-4293	5.6	10
172	Targeting senescent cells: approaches, opportunities, challenges. <i>Aging</i> , 2019 , 11, 12844-12861	5.6	39
171	Identification of SYK inhibitor, R406 as a novel senolytic agent. <i>Aging</i> , 2020 , 12, 8221-8240	5.6	9
170	Senolytic activity of small molecular polyphenols from olive restores chondrocyte redifferentiation and promotes a pro-regenerative environment in osteoarthritis. <i>Aging</i> , 2020 , 12, 15882-15905	5.6	12
169	Anti-aging effects of anthocyanins on neural stem cells and aging mice. <i>Aging</i> , 2020 , 12, 17738-17753	5.6	8
168	Targeting signaling and apoptotic pathways involved in chemotherapeutic drug-resistance of hematopoietic cells. 2017 , 8, 76525-76557		15
167	BCL-2 Antagonism Sensitizes CTL-Resistant HIV Reservoirs to Elimination Ex Vivo.		2
166	PROTACs are effective in addressing the platelet toxicity associated with BCL-X inhibitors. 2020 , 1, 259-272		2
165	Fisetin ameliorates atherosclerosis by regulating PCSK9 and LOX-1 in apoE mice. 2021 , 21, 25		5
164	Targeting senescent cells and tumor therapy (Review). 2020 , 46, 1603-1610		2
163	Senotherapeutic drugs for human intervertebral disc degeneration and low back pain. 2020 , 9,		19

162 Nutritional Hormetins in Ageing and Longevity. **2021**, 109-122

161 Gerosuppressive and Senolytic Nutrients. **2021**, 465-490

160 Targeted clearance of senescent cells using an antibody-drug conjugate against a specific membrane marker. **2021**, 11, 20358 8

159 Strategies for Targeting Senescent Cells in Human Disease. **2021**, 1, 870-879 19

158 Targeted Therapeutics Delivery by Exploiting Biophysical Properties of Senescent Cells. 2107990 0

157 Roles of extracellular vesicles in the aging microenvironment and age-related diseases. **2021**, 10, e12154 8

156 Recent advances in the discovery of senolytics. **2021**, 200, 111587 4

155 Oklahoma Nathan Shock Aging Center - assessing the basic biology of aging from genetics to protein and function. **2021**, 43, 2183-2203

154 Promises and challenges of senolytics in skin regeneration, pathology and ageing. **2021**, 200, 111588 1

153 Fisetin-induced PTEN expression reverses cellular senescence by inhibiting the mTORC2-Akt Ser473 phosphorylation pathway in vascular smooth muscle cells. **2021**, 156, 111598 0

152 Strategies for late phase preclinical and early clinical trials of senolytics. **2021**, 200, 111591 3

151 A guide to senolytic intervention in neurodegenerative disease. **2021**, 200, 111585 2

150 Cellular Senescence in Pterygium. **2020**, 61, 861-867

149 Apoptosis resistance of senescent cells is an intrinsic barrier for senolysis induced by cardiac glycosides. **2021**, 78, 7757-7776 4

148 The Dynamic Process and Its Dual Effects on Tumors of Therapy-Induced Senescence. **2020**, 12, 13553-13566 4

147 Senolytics Target Senescent Cells and Improve Aging and Age-Related Diseases. **2020**, 63-84

146 Senolysis and Senostasis Through the Plasma Membrane. **2020**, 131-143 1

145 Discovery of Senolytics and the Pathway to Early Phase Clinical Trials. **2020**, 21-40

144	CHAPTER 9: BH3 Mimetic Drugs for Anti-fibrotic Therapy. 2020 , 235-258	
143	Senolytic Drug Development. 2020 , 3-20	1
142	Senolytics: A Novel Strategy for Neuroprotection in ALS?. 2021 , 22,	2
141	Selective BCL-XL Antagonists Eliminate Infected Cells from a Primary Cell Model of HIV Latency but not from Ex Vivo Reservoirs.	
140	Key Molecular Mechanisms of Aging, Biomarkers, and Potential Interventions. 2020 , 54, 777-811	5
139	The role of cellular senescence in female reproductive aging and the potential for senotherapeutic interventions.. 2021 ,	6
138	Senescent Cells in Cancer: Wanted or Unwanted Citizens.. 2021 , 10,	1
137	Senotherapeutic Drugs: A New Avenue for Skincare?. 2021 , 148, 215-265	1
136	Cellular Senescence: Mechanisms and Therapeutic Potential.. 2021 , 9,	1
135	GRP78/BiP determines senescence evasion cell fate after cisplatin-based chemotherapy. 2021 , 11, 22448	0
134	Tumor microenvironment and cellular senescence: Understanding therapeutic resistance and harnessing strategies. 2021 ,	5
133	Senolytic Phytocompounds in Redox Signaling. 2022 , 255-283	0
132	Development of a novel senolytic by precise disruption of FOXO4-p53 complex. 2021 , 74, 103693	0
131	Senescence in chronic wounds and potential targeted therapies.. 2022 , 10, tkab045	1
130	Local Elimination of Senescent Cells Promotes Bone Defect Repair during Aging.. 2022 ,	1
129	Obesity, Senescence, and Senolytics. 2021 , 1	1
128	Senolysis-Based Elimination of Chemotherapy-Induced Senescent Breast Cancer Cells by Quercetin Derivative with Blocked Hydroxy Groups.. 2022 , 14,	3
127	Combination of dasatinib and quercetin improves cognitive abilities in aged male Wistar rats, alleviates inflammation and changes hippocampal synaptic plasticity and histone H3 methylation profile.. <i>Aging</i> , 2022 , 14,	5.6 4

126	Down-syndrome-induced senescence disrupts the nuclear architecture of neural progenitors.. 2022 , 29, 116-130.e7	4
125	Fisetin as a Senotherapeutic Agent: Biopharmaceutical Properties and Crosstalk between Cell Senescence and Neuroprotection.. 2022 , 27,	0
124	Therapeutic opportunities for senolysis in cardiovascular disease.. 2022 ,	2
123	Dietary Phytochemicals that Can Extend Longevity by Regulation of Metabolism.. 2022 , 1	2
122	Recent Neurotherapeutic Strategies to Promote Healthy Brain Aging: Are we there yet?. 2022 , 13, 175-214	2
121	Targeting Cellular Senescence with Senotherapeutics: Senolytics and Senomorphics.. 2022 ,	10
120	Skin senescence: mechanisms and impact on whole-body aging.. 2022 ,	8
119	Cardiovascular ramifications of therapy-induced endothelial cell senescence in cancer survivors.. 2022 , 166352	0
118	Clinical Trials Targeting Aging. 2022 , 3,	0
117	The flavonoid procyanidin C1 has senotherapeutic activity and increases lifespan in mice. 2021 ,	14
116	Untangling senescent and damage-associated microglia in the aging and diseased brain. 2021 ,	3
115	A geroscience approach for osteosarcopenia: Autophagy and senescence as therapeutic targets. 2022 , 51-75	
114	Cellular senescence and other aging mechanisms in bone and muscle. 2022 , 19-37	
113	?????????????????????. 2022 ,	
112	Age Related Osteoporosis: Targeting Cellular Senescence.. 2022 , 23,	5
111	Roles and Regulation of BCL-xL in Hematological Malignancies.. 2022 , 23,	0
110	Why Senescent Cells Are Resistant to Apoptosis: An Insight for Senolytic Development.. 2022 , 10, 822816	1
109	Molecular Mechanisms of Alveolar Epithelial Stem Cell Senescence and Senescence-Associated Differentiation Disorders in Pulmonary Fibrosis.. 2022 , 11,	1

108	Orally-active, clinically-translatable senolytics restore pKlotho in mice and humans.. 2022 , 103912	1
107	Identification of gingerenone A as a novel senolytic compound.. 2022 , 17, e0266135	3
106	Senotherapeutics in Cancer and HIV.. 2022 , 11,	1
105	Senescent chondrogenic progenitor cells derived from articular cartilage of knee osteoarthritis patients contributes to senescence-associated secretory phenotype via release of IL-6 and IL-8.. 2022 , 124, 151867	2
104	Biochemical and Cellular Characterization of New Radio-Resistant Cell Lines Reveals a Role of Natural Flavonoids to Bypass Senescence.. 2021 , 23,	0
103	Integrated Chinese herbal medicine and Western medicine successfully resolves spontaneous subcutaneous emphysema and pneumomediastinum in a patient with severe COVID-19 in Taiwan: A case report.. 2021 ,	
102	Effects and Related Mechanisms of the Senolytic Agent ABT-263 on the Survival of Irradiated A549 and Ca9-22 Cancer Cells.. 2021 , 22,	1
101	Protective effect of Fisetin on the lipopolysaccharide-induced preeclampsia-like rats.. 2021 , 1-8	1
100	Senotherapeutic-like effect of Silybum marianum flower extract revealed on human skin cells.. 2021 , 16, e0260545	1
99	Cellular senescence in the cholangiopathies.. 2022 , 38, 121-127	1
98	Endothelial cell dysfunction and senescence: biologic mechanisms and hemodynamic consequences. 2022 , 359-367	
97	Cellular Senescence: Molecular Targets, Biomarkers, and Senolytic Drugs.. 2022 , 23,	1
96	Neuroglial Senescence, pSynucleinopathy, and the Therapeutic Potential of Senolytics in Parkinson's Disease.. 2022 , 16, 824191	1
95	Cellular senescence in the Aging Brain: A promising target for neurodegenerative diseases.. 2022 , 111675	2
94	Characterization of induction and targeting of senescent mesenchymal stromal cells.. 2022 ,	
93	Glycoprotein nonmetastatic melanoma protein B regulates lysosomal integrity and lifespan of senescent cells.. 2022 , 12, 6522	2
92	Pan-mTOR inhibitors sensitize the senolytic activity of Navitoclax via mTORC2 inhibition-mediated apoptotic signaling.. 2022 , 115045	
91	Data_Sheet_1.PDF. 2020 ,	

90	Table_1.pdf. 2020 ,		
89	Table_2.pdf. 2020 ,		
88	Selective Vulnerability of Senescent Glioblastoma Cells to Bcl-XL Inhibition.. 2022 ,		4
87	Editorial: Cellular Senescence: Causes, Consequences and Therapeutic Opportunities.. 2022 , 10, 884910		
86	Senescence modulation as a key process in the dual role of hyaluronan in cancer. The deforestation allegory.. 2022 ,		0
85	Discovery of new senolytics using machine learning.		
84	Endoplasmic Reticulum (ER) Stress and Its Role in Pancreatic ECell Dysfunction and Senescence in Type 2 Diabetes.. 2022 , 23,		2
83	Advances and perspectives of proteolysis targeting chimeras (PROTACs) in drug discovery.. 2022 , 125, 105848		0
82	Computational identification of natural senotherapeutic compounds that mimic dasatinib based on gene expression data.		
81	Nutritional components as mitigators of cellular senescence in organismal aging: a comprehensive review.		3
80	Fisetin Attenuated Oxidative Stress-Induced Cellular Damage in ARPE-19 Human Retinal Pigment Epithelial Cells Through Nrf2-Mediated Activation of Heme Oxygenase-1. 13,		0
79	EA.hy926 Cells and HUVECs Share Similar Senescence Phenotypes but Respond Differently to the Senolytic Drug ABT-263. 2022 , 11, 1992		1
78	A Small Molecule That Promotes Cellular Senescence Prevents Fibrogenesis and Tumorigenesis. 2022 , 23, 6852		
77	Clearance of defective muscle stem cells by senolytics reduces the expression of senescence-associated secretory phenotype and restores myogenesis in myotonic dystrophy type 1.		0
76	Exploring the fuzzy border between senolytics and senomorphics with chemoinformatics and systems pharmacology. <i>Biogerontology</i> ,		4-5
75	The AchillesHeel of cancer survivors: fundamentals of accelerated cellular senescence. <i>Journal of Clinical Investigation</i> , 2022 , 132,	15.9	1
74	Mitochondrial dysfunction in cell senescence and aging. <i>Journal of Clinical Investigation</i> , 2022 , 132,	15.9	10
73	Nanoparticles-based anti-aging treatment of Alzheimer's disease. <i>Drug Delivery</i> , 2022 , 29, 2100-2116		7

72	Systemic induction of senescence in young mice after single heterochronic blood exchange. 2022 , 4, 995-1006	4
71	Mechanisms and consequences of endothelial cell senescence.	2
70	New Approaches in the Treatment of Glioblastoma Multiforme.	
69	The interaction between cellular senescence and chronic kidney disease as a therapeutic opportunity. 13,	
68	BH3 mimetics targeting BCL-XL impact the senescent compartment of pilocytic astrocytoma.	1
67	Cellular senescence: the good, the bad and the unknown.	6
66	Food for healthier aging: power on your plate. 1-14	
65	Cellular senescence and senolytics: the path to the clinic. 2022 , 28, 1556-1568	12
64	New Trends in Aging Drug Discovery. 2022 , 10, 2006	
63	Simple Detection of Unstained Live Senescent Cells with Imaging Flow Cytometry. 2022 , 11, 2506	0
62	Targeting senescent cells for a healthier longevity: the roadmap for an era of global aging.	2
61	Senescent cells: A therapeutic target for osteoporosis.	1
60	BID- and BAX-mediated mitochondrial pathway dominates A-1331852-induced apoptosis in senescent A549 cells. 2022 , 627, 160-167	1
59	Perspectives on using bacteriophages in biogerontology research and interventions. 2022 , 366, 110098	
58	Nutritional senolytics and senomorphics: Implications to immune cells metabolism and aging [From theory to practice. 9,	0
57	Can 3D bioprinting solve the mystery of senescence in cancer therapy?. 2022 , 81, 101732	0
56	Targeting cellular senescence in metabolic disease. 2022 , 66, 101601	1
55	Cellular senescence during aging. 2023 , 311-332	0

54	Interventions that target fundamental aging mechanisms: myths and realities. 2023 , 701-724	0
53	Enhanced bioavailability and pharmacokinetics of a novel hybrid-hydrogel formulation of fisetin orally administered in healthy individuals: a randomised double-blinded comparative crossover study. 2022 , 11,	1
52	Brief about hallmarks of aging. 2022 , 41-60	0
51	A senescence stress secretome is a hallmark of therapy-related myeloid neoplasm stromal tissue occurring soon after cytotoxic exposure.	1
50	Synergism of BCL-2 family inhibitors facilitates selective elimination of senescent cells. 2022 , 14, 6381-6414	3
49	Senescence and cancer [role and therapeutic opportunities. 2022 , 19, 619-636	4
48	From the divergence of senescent cell fates to mechanisms and selectivity of senolytic drugs. 2022 , 12,	0
47	OR2H2 Activation Suppresses Cellular Senescence and Aging by Activating AMPK and Inducing Senolysis in VK2/E6E7 Cells.	0
46	Senolytic elimination of senescent macrophages restores muscle stem cell function in severely dystrophic muscle.	0
45	Potential Role of Polyphenolic Flavonoids as Senotherapeutic Agents in Degenerative Diseases and Geroprotection.	0
44	Targeting senescence as an anticancer therapy.	2
43	A coalition to heal the impact of the cardiac microenvironment. 2022 , 377,	0
42	COVID-19 and cellular senescence.	0
41	Targeting Cellular Senescence for Age-Related Diseases: Path to Clinical Translation. 2022 , 150, 20S-26S	1
40	Senotherapeutics and Their Molecular Mechanism for Improving Aging. 2022 , 30, 490-500	0
39	Senescent cells in the brain and where to find them.	1
38	Therapeutic Antiaging Strategies. 2022 , 10, 2515	0
37	Reduction of senescent fibro-adipogenic progenitors in progeria-aged muscle by senolytics rescues the function of muscle stem cells.	0

- 36 Fisetin reduces the senescent tubular epithelial cell burden and also inhibits proliferative fibroblasts in murine lupus nephritis. 13,
- 35 Targeting Multiple Homeostasis-Maintaining Systems by Ionophore Nigericin Is a Novel Approach for Senolysis. **2022**, 23, 14251
- 34 Senescent cells and SASP in cancer microenvironment: New approaches in cancer therapy. **2022**,
- 33 Aging and Mesenchymal Stem Cells: Basic Concepts, Challenges and Strategies. **2022**, 11, 1678
- 32 Distinct mechanisms mediating therapy-induced cellular senescence in prostate cancer. **2022**, 12,
- 31 Effects of Fisetin, a Plant-Derived Flavonoid, on Response to Oxidative Stress, Aging, and Age-Related Diseases in *Caenorhabditis elegans*. **2022**, 15, 1528
- 30 Senescence-Associated Secretory Phenotype of Cardiovascular System Cells and Inflammaging: Perspectives of Peptide Regulation. **2023**, 12, 106
- 29 Bone-targeted delivery of senolytics to eliminate senescent cells increases bone formation in senile osteoporosis. **2022**,
- 28 Targeting anti-apoptotic pathways eliminates senescent melanocytes and leads to nevi regression. **2022**, 13,
- 27 Engineering Hierarchical Recognition-Mediated Senolytics for Reliable Regulation of Cellular Senescence and Anti-Atherosclerosis Therapy.
- 26 Preclinical evaluation of CDK4 phosphorylation predicts high sensitivity of pleural mesotheliomas to CDK4 /6 inhibition.
- 25 Engineering Hierarchical Recognition-Mediated Senolytics for Reliable Regulation of Cellular Senescence and Anti-Atherosclerosis Therapy.
- 24 Targeting Senescent Tendon Stem/Progenitor Cells to Prevent or Treat Age-Related Tendon Disorders.
- 23 Endothelial senescence in vascular diseases: current understanding and future opportunities in senotherapeutics.
- 22 Senotherapy as a Novel Therapeutic Method in Cancer Treatment: With a Focus on Head and Neck Cancer. **2023**,
- 21 Senolytics in diseases. **2023**, 245-267
- 20 Therapy-Induced Tumor Cell Senescence: Mechanisms and Circumvention. **2023**, 88, 86-104
- 19 Inflammaging, cellular senescence, and cognitive aging after traumatic brain injury. **2023**, 180, 106090

- 18 Inflammation in osteoarthritis: the latest progress and ongoing challenges. **2023**, 35, 128-134 ○
- 17 Cellular Senescence as a Brake or Accelerator for Oncogenic Transformation and Role in Lymphatic Metastasis. **2023**, 24, 2877 ○
- 16 The Senolytic Drug Fisetin Attenuates Bone Degeneration in the Zmpste24^{-/-}Progeria Mouse Model. **2023**, 2023, 1-12 ○
- 15 Senolytics dasatinib and quercetin in idiopathic pulmonary fibrosis: results of a phase I, single-blind, single-center, randomized, placebo-controlled pilot trial on feasibility and tolerability. **2023**, 90, 104481 ○
- 14 Antioxidants prevent particulate matter-induced senescence of lung fibroblasts. **2023**, 9, e14179 ○
- 13 Cholesterol drives inflammatory senescence. **2023**, 5, 355-356 ○
- 12 Fisetin, a Natural Polyphenol, Ameliorates Endometriosis Modulating Mast Cells Derived NLRP-3 Inflammasome Pathway and Oxidative Stress. **2023**, 24, 5076 ○
- 11 Tubular cell senescence promotes maladaptive kidney repair and chronic kidney disease after cisplatin nephrotoxicity. ○
- 10 Cellular rejuvenation: molecular mechanisms and potential therapeutic interventions for diseases. **2023**, 8, 1
- 9 Emerging Therapeutic Approaches to Target the Dark Side of Senescent Cells: New Hopes to Treat Aging as a Disease and to Delay Age-Related Pathologies. **2023**, 12, 915 ○
- 8 Endothelial Senescence in Neurological Diseases. **2023**, 0 ○
- 7 Involvement of Bcl-2 Family Proteins in Tetraploidization-Related Senescence. **2023**, 24, 6374 ○
- 6 Cycloastragenol: A Novel Senolytic Agent That Induces Senescent Cell Apoptosis and Restores Physical Function in TBI-Aged Mice. **2023**, 24, 6554 ○
- 5 Drugs against metabolic diseases as potential senotherapeutics for aging-related respiratory diseases. 14, ○
- 4 Senolytics: Opening avenues in drug discovery to find novel therapeutics for Parkinson's Disease. **2023**, 28, 103582 ○
- 3 Cellular senescence in skin-related research: Targeted signaling pathways and naturally occurring therapeutic agents. ○
- 2 Cellular senescence and ophthalmic diseases: narrative review. ○
- 1 Senotherapy for lung diseases. **2023**, ○

