Peter Vandenabeele

List of Publications by Year
in descending order

552 papers	72,337 citations	863 117 h-index	764 249 g-index
571 all docs	571 docs citations	571 times ranked	75618 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
2	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	5.0	4,036
3	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
4	Immunogenic cell death and DAMPs in cancer therapy. Nature Reviews Cancer, 2012, 12, 860-875.	12.8	1,984
5	Molecular mechanisms of necroptosis: an ordered cellular explosion. Nature Reviews Molecular Cell Biology, 2010, 11, 700-714.	16.1	1,941
6	Necroptosis and its role in inflammation. Nature, 2015, 517, 311-320.	13.7	1,550
7	Targeting Ferroptosis to Iron Out Cancer. Cancer Cell, 2019, 35, 830-849.	7.7	1,385
8	Regulated necrosis: the expanding network of non-apoptotic cell death pathways. Nature Reviews Molecular Cell Biology, 2014, 15, 135-147.	16.1	1,373
9	The molecular machinery of regulated cell death. Cell Research, 2019, 29, 347-364.	5.7	1,373
10	Reference database of Raman spectra of biological molecules. Journal of Raman Spectroscopy, 2007, 38, 1133-1147.	1.2	1,129
11	Necroptosis: The Release of Damage-Associated Molecular Patterns and Its Physiological Relevance. Immunity, 2013, 38, 209-223.	6.6	1,085
12	Cytosolic flagellin requires Ipaf for activation of caspase-1 and interleukin 1Î² in salmonella-infected macrophages. Nature Immunology, 2006, 7, 576-582.	7.0	1,028
13	Bacterial RNA and small antiviral compounds activate caspase-1 through cryopyrin/Nalp3. Nature, 2006, 440, 233-236.	13.7	1,016
14	Inhibition of Caspases Increases the Sensitivity of L929 Cells to Necrosis Mediated by Tumor Necrosis Factor. Journal of Experimental Medicine, 1998, 187, 1477-1485.	4.2	833
15	Synchronized renal tubular cell death involves ferroptosis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16836-16841.	3.3	801
16	Toxic proteins released from mitochondria in cell death. Oncogene, 2004, 23, 2861-2874.	2.6	791
17	More than one way to die: apoptosis, necrosis and reactive oxygen damage. Oncogene, 1999, 18, 7719-7730.	2.6	790
18	Two tumour necrosis factor receptors: structure and function. Trends in Cell Biology, 1995, 5, 392-399.	3.6	749

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19	Neutrophil extracellular trap cell death requires both autophagy and superoxide generation. Cell Research, 2011, 21, 290-304.	5.7	710
20	Consensus guidelines for the detection of immunogenic cell death. OncoImmunology, 2014, 3, e955691.	2.1	686
21	MLKL Compromises Plasma Membrane Integrity by Binding to Phosphatidylinositol Phosphates. Cell Reports, 2014, 7, 971-981.	2.9	656
22	A novel pathway combining calreticulin exposure and ATP secretion in immunogenic cancer cell death. EMBO Journal, 2012, 31, 1062-1079.	3.5	641
23	Suppression of Interleukin-33 Bioactivity through Proteolysis by Apoptotic Caspases. Immunity, 2009, 31, 84-98.	6.6	611
24	Consensus guidelines for the definition, detection and interpretation of immunogenic cell death. , 2020, 8, e000337.		610
25	Emerging role of damage-associated molecular patterns derived from mitochondria in inflammation. Trends in Immunology, 2011, 32, 157-164.	2.9	564
26	Necrosis, a well-orchestrated form of cell demise: Signalling cascades, important mediators and concomitant immune response. Biochimica Et Biophysica Acta - Bioenergetics, 2006, 1757, 1371-1387.	0.5	555
27	Apoptosis and necrosis: Detection, discrimination and phagocytosis. Methods, 2008, 44, 205-221.	1.9	546
28	Dual Signaling of the Fas Receptor: Initiation of Both Apoptotic and Necrotic Cell Death Pathways. Journal of Experimental Medicine, 1998, 188, 919-930.	4.2	522
29	Inhibition of apoptosis induced by ischemia-reperfusion prevents inflammation. Journal of Clinical Investigation, 1999, 104, 541-549.	3.9	499
30	Pannexin-1-Mediated Recognition of Bacterial Molecules Activates the Cryopyrin Inflammasome Independent of Toll-like Receptor Signaling. Immunity, 2007, 26, 433-443.	6.6	490
31	RIP Kinase-Dependent Necrosis Drives Lethal Systemic Inflammatory Response Syndrome. Immunity, 2011, 35, 908-918.	6.6	490
32	Regulated necrosis: disease relevance and therapeutic opportunities. Nature Reviews Drug Discovery, 2016, 15, 348-366.	21.5	481
33	RIP Kinases at the Crossroads of Cell Death and Survival. Cell, 2009, 138, 229-232.	13.5	468
34	Activation of p38 MAPK is required for Bax translocation to mitochondria, cytochrome c release and apoptosis induced by UVB irradiation in human keratinocytes. FASEB Journal, 2004, 18, 1946-1948.	0.2	464
35	Identification of a new caspase homologue: caspase-14. Cell Death and Differentiation, 1998, 5, 838-846.	5.0	448
36	The Role of the Kinases RIP1 and RIP3 in TNF-Induced Necrosis. Science Signaling, 2010, 3, re4.	1.6	407

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37	Nano-targeted induction of dual ferroptotic mechanisms eradicates high-risk neuroblastoma. Journal of Clinical Investigation, 2018, 128, 3341-3355.	3.9	406
38	Initiation and execution mechanisms of necroptosis: an overview. Cell Death and Differentiation, 2017, 24, 1184-1195.	5.0	404
39	Inflammation-associated enterotypes, host genotype, cage and inter-individual effects drive gut microbiota variation in common laboratory mice. Genome Biology, 2013, 14, R4.	13.9	381
40	Autophagy: for better or for worse. Cell Research, 2012, 22, 43-61.	5.7	373
41	Mitochondrial intermembrane proteins in cell death. Biochemical and Biophysical Research Communications, 2003, 304, 487-497.	1.0	350
42	NF-Î°B-Independent Role of IKKÎ±/IKKÎ² in Preventing RIPK1 Kinase-Dependent Apoptotic and Necroptotic Cell Death during TNF Signaling. Molecular Cell, 2015, 60, 63-76.	4.5	345
43	ER stress-induced inflammation: does it aid or impede disease progression?. Trends in Molecular Medicine, 2012, 18, 589-598.	3.5	340
44	Analysis with micro-Raman spectroscopy of natural organic binding media and varnishes used in art. Analytica Chimica Acta, 2000, 407, 261-274.	2.6	324
45	A Decade of Raman Spectroscopy in Art and Archaeology. Chemical Reviews, 2007, 107, 675-686.	23.0	321
46	Molecular and Translational Classifications of DAMPs in Immunogenic Cell Death. Frontiers in Immunology, 2015, 6, 588.	2.2	317
47	Vaccination with Necroptotic Cancer Cells Induces Efficient Anti-tumor Immunity. Cell Reports, 2016, 15, 274-287.	2.9	317
48	Heterogeneity of the gut microbiome in mice: guidelines for optimizing experimental design. FEMS Microbiology Reviews, 2016, 40, 117-132.	3.9	303
49	Major cell death pathways at a glance. Microbes and Infection, 2009, 11, 1050-1062.	1.0	302
50	Interleukin-10 controls interferon-Î³ and tumor necrosis factor production during experimental endotoxemia. European Journal of Immunology, 1994, 24, 1167-1171.	1.6	295
51	Clearance of apoptotic and necrotic cells and its immunological consequences. Apoptosis: an International Journal on Programmed Cell Death, 2006, 11, 1709-1726.	2.2	295
52	To NET or not to NET:current opinions and state of the science regarding the formation of neutrophil extracellular traps. Cell Death and Differentiation, 2019, 26, 395-408.	5.0	295
53	Immunogenic cell death, DAMPs and anticancer therapeutics: An emerging amalgamation. Biochimica Et Biophysica Acta: Reviews on Cancer, 2010, 1805, 53-71.	3.3	292
54	Molecular Mechanisms and Pathophysiology of Necrotic Cell Death. Current Molecular Medicine, 2008, 8, 207-220.	0.6	283

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55	Targeted Peptidecentric Proteomics Reveals Caspase-7 as a Substrate of the Caspase-1 Inflammasomes. Molecular and Cellular Proteomics, 2008, 7, 2350-2363.	2.5	276
56	Atractyloside-induced release of cathepsin B, a protease with caspase-processing activity. FEBS Letters, 1998, 438, 150-158.	1.3	275
57	RIPK1 ensures intestinal homeostasis by protecting the epithelium against apoptosis. Nature, 2014, 513, 95-99.	13.7	275
58	Non-specific effects of methyl ketone peptide inhibitors of caspases. FEBS Letters, 1999, 442, 117-121.	1.3	274
59	Is amyloidogenesis during Alzheimer's disease due to an IL-1-/IL-6-mediated â€˜acute phase responseâ€™ in the brain?. Trends in Immunology, 1991, 12, 217-219.	7.5	268
60	Caspase-14 protects against epidermal UVB photodamage and water loss. Nature Cell Biology, 2007, 9, 666-674.	4.6	266
61	Beclin1: A role in membrane dynamics and beyond. Autophagy, 2012, 8, 6-17.	4.3	262
62	P2Z purinoreceptor ligation induces activation of caspases with distinct roles in apoptotic and necrotic alterations of cell death. FEBS Letters, 1999, 447, 71-75.	1.3	259
63	ROS-induced autophagy in cancer cells assists in evasion from determinants of immunogenic cell death. Autophagy, 2013, 9, 1292-1307.	4.3	252
64	Loss of p63 and its microRNA-205 target results in enhanced cell migration and metastasis in prostate cancer. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15312-15317.	3.3	251
65	Hypericin-based photodynamic therapy induces surface exposure of damage-associated molecular patterns like HSP70 and calreticulin. Cancer Immunology, Immunotherapy, 2012, 61, 215-221.	2.0	246
66	Cell death induction by receptors of the TNF family: towards a molecular understanding. FEBS Letters, 1997, 410, 96-106.	1.3	217
67	The Activation of the c-Jun N-terminal Kinase and p38 Mitogen-activated Protein Kinase Signaling Pathways Protects HeLa Cells from Apoptosis Following Photodynamic Therapy with Hypericin. Journal of Biological Chemistry, 1999, 274, 8788-8796.	1.6	203
68	Caspase-14 reveals its secrets. Journal of Cell Biology, 2008, 180, 451-458.	2.3	203
69	The emerging roles of serine protease cascades in the epidermis. Trends in Biochemical Sciences, 2009, 34, 453-463.	3.7	202
70	Raman spectroscopic database of azo pigments and application to modern art studies. Journal of Raman Spectroscopy, 2000, 31, 509-517.	1.2	198
71	Determination of apoptotic and necrotic cell death in vitro and in vivo. Methods, 2013, 61, 117-129.	1.9	193
72	Glutathione peroxidase 4 prevents necroptosis in mouse erythroid precursors. Blood, 2016, 127, 139-148.	0.6	192

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73	Characterization of seven murine caspase family members. FEBS Letters, 1997, 403, 61-69.	1.3	191
74	Patients with COVID-19: in the dark-NETs of neutrophils. Cell Death and Differentiation, 2021, 28, 3125-3139.	5.0	189
75	Reference database of Raman spectra of pharmaceutical excipients. Journal of Raman Spectroscopy, 2009, 40, 297-307.	1.2	187
76	Terminal Differentiation of Human Keratinocytes and Stratum Corneum Formation is Associated with Caspase-14 Activation. Journal of Investigative Dermatology, 2000, 115, 1148-1151.	0.3	186
77	Caspase Inhibitors Promote Alternative Cell Death Pathways. Science's STKE: Signal Transduction Knowledge Environment, 2006, 2006, pe44-pe44.	4.1	180
78	Tumor necrosis factor-mediated cell death: to break or to burst, thatâ€™s the question. Cellular and Molecular Life Sciences, 2010, 67, 1567-1579.	2.4	180
79	Human TNF mutants with selective activity on the p55 receptor. Nature, 1993, 361, 266-269.	13.7	177
80	Phagocytosis of Necrotic Cells by Macrophages Is Phosphatidylserine Dependent and Does Not Induce Inflammatory Cytokine Production. Molecular Biology of the Cell, 2004, 15, 1089-1100.	0.9	177
81	Sesquiterpene lactones as drugs with multiple targets in cancer treatment. Anti-Cancer Drugs, 2012, 23, 883-896.	0.7	176
82	The Transcription Factor ZEB2 Is Required to Maintain the Tissue-Specific Identities of Macrophages. Immunity, 2018, 49, 312-325.e5.	6.6	172
83	NOD-like receptors and the innate immune system: Coping with danger, damage and death. Cytokine and Growth Factor Reviews, 2011, 22, 257-276.	3.2	170
84	Interferon-Î² Therapy Against EAE Is Effective Only When Development of the Disease Depends on the NLRP3 Inflammasome. Science Signaling, 2012, 5, ra38.	1.6	168
85	Functional Protection by Acute Phase Proteins Î±₁-Acid Glycoprotein and Î±₁-Antitrypsin Against Ischemia/Reperfusion Injury by Preventing Apoptosis and Inflammation. Circulation, 2000, 102, 1420-1426.	1.6	167
86	Caspase-14 Is Required for Filaggrin Degradation to Natural Moisturizing Factors in the Skin. Journal of Investigative Dermatology, 2011, 131, 2233-2241.	0.3	167
87	Are metacaspases caspases?. Journal of Cell Biology, 2007, 179, 375-380.	2.3	164
88	Raman spectroscopy for the investigation of carbonâ€based black pigments. Journal of Raman Spectroscopy, 2015, 46, 1003-1015.	1.2	164
89	Translation Inhibition in Apoptosis. Journal of Biological Chemistry, 2001, 276, 41620-41628.	1.6	159
90	MK2 phosphorylation of RIPK1 regulates TNF-mediated cell death. Nature Cell Biology, 2017, 19, 1237-1247.	4.6	159

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91	Passenger Mutations Confound Interpretation of All Genetically Modified Congenic Mice. Immunity, 2015, 43, 200-209.	6.6	156
92	The role of mobile instrumentation in novel applications of Raman spectroscopy: archaeometry, geosciences, and forensics. Chemical Society Reviews, 2014, 43, 2628.	18.7	153
93	The 55-kDa Tumor Necrosis Factor Receptor Induces Clustering of Mitochondria through Its Membrane-proximal Region. Journal of Biological Chemistry, 1998, 273, 9673-9680.	1.6	150
94	When PERK inhibitors turn out to be new potent RIPK1 inhibitors: critical issues on the specificity and use of GSK2606414 and GSK2656157. Cell Death and Differentiation, 2017, 24, 1100-1110.	5.0	149
95	Disruption of HSP90 Function Reverts Tumor Necrosis Factor-induced Necrosis to Apoptosis. Journal of Biological Chemistry, 2003, 278, 5622-5629.	1.6	146
96	Simultaneous Targeting of IL-1 and IL-18 Is Required for Protection against Inflammatory and Septic Shock. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 282-291.	2.5	145
97	TUMOUR NECROSIS FACTOR-INDUCED NECROSIS VERSUS ANTI-Fas-INDUCED APOPTOSIS IN L929 CELLS. Cytokine, 1997, 9, 801-808.	1.4	142
98	Molecular crosstalk between apoptosis, necroptosis, and survival signaling. Molecular and Cellular Oncology, 2015, 2, e975093.	0.3	142
99	CHIP controls necroptosis through ubiquitylation- and lysosome-dependent degradation of RIPK3. Nature Cell Biology, 2016, 18, 291-302.	4.6	139
100	p38 Mitogen-activated Protein Kinase Regulates a Novel, Caspase-independent Pathway for the Mitochondrial Cytochromec Release in Ultraviolet B Radiation-induced Apoptosis. Journal of Biological Chemistry, 2000, 275, 21416-21421.	1.6	138
101	Comparative study of mobile Raman instrumentation for art analysis. Analytica Chimica Acta, 2007, 588, 108-116.	2.6	138
102	Cathepsin B-Mediated Activation of the Proinflammatory Caspase-11. Biochemical and Biophysical Research Communications, 1998, 251, 379-387.	1.0	137
103	An evolutionary perspective on the necroptotic pathway. Trends in Cell Biology, 2016, 26, 721-732.	3.6	137
104	Depletion of Beclin-1 due to proteolytic cleavage by caspases in the Alzheimer's disease brain. Neurobiology of Disease, 2011, 43, 68-78.	2.1	135
105	Necroptosis, in vivo detection in experimental disease models. Seminars in Cell and Developmental Biology, 2014, 35, 2-13.	2.3	135
106	TNFR1â€•and TNFR2â€mediated signaling pathways in human kidney are cell typeâ€specific and differentially contribute to renal injury. FASEB Journal, 2005, 19, 1637-1645.	0.2	134
107	Cleavage of PITSLRE Kinases by ICE/CASP-1 and CPP32/CASP-3 during Apoptosis Induced by Tumor Necrosis Factor. Journal of Biological Chemistry, 1997, 272, 11694-11697.	1.6	132
108	Programmed Necrosis. International Review of Cell and Molecular Biology, 2011, 289, 1-35.	1.6	132

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109	DAMPs and PDT-mediated photo-oxidative stress: exploring the unknown. Photochemical and Photobiological Sciences, 2011, 10, 670-680.	1.6	131
110	The pseudokinase MLKL mediates programmed hepatocellular necrosis independently of RIPK3 during hepatitis. Journal of Clinical Investigation, 2016, 126, 4346-4360.	3.9	130
111	Cigarette smoke-induced necroptosis and DAMP release trigger neutrophilic airway inflammation in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L377-L386.	1.3	130
112	Caspase-1 Activates Nuclear Factor of the Îº-Enhancer in B Cells Independently of Its Enzymatic Activity. Journal of Biological Chemistry, 2004, 279, 24785-24793.	1.6	127
113	Hypericin-induced photosensitization of HeLa cells leads to apoptosis or necrosis. FEBS Letters, 1998, 440, 19-24.	1.3	126
114	Redox regulation of TNF signaling. BioFactors, 1999, 10, 145-156.	2.6	126
115	The EMAPII Cytokine Is Released from the Mammalian Multisynthetase Complex after Cleavage of Its p43/proEMAPII Component. Journal of Biological Chemistry, 2001, 276, 23769-23776.	1.6	126
116	Necroptotic cell death in antiâ€cancer therapy. Immunological Reviews, 2017, 280, 207-219.	2.8	126
117	Excessive phospholipid peroxidation distinguishes ferroptosis from other cell death modes including pyroptosis. Cell Death and Disease, 2020, 11, 922.	2.7	126
118	Acute Modulations in Permeability Barrier Function Regulate Epidermal Cornification. American Journal of Pathology, 2008, 172, 86-97.	1.9	124
119	The death-fold superfamily of homotypic interaction motifs. Trends in Biochemical Sciences, 2011, 36, 541-552.	3.7	124
120	Regulation of the expression and processing of caspase-12. Journal of Cell Biology, 2003, 162, 457-467.	2.3	122
121	Targeting Rac1 by the Yersinia Effector Protein YopE Inhibits Caspase-1-mediated Maturation and Release of Interleukin-1Î². Journal of Biological Chemistry, 2004, 279, 25134-25142.	1.6	121
122	Raman spectroscopic analysis of the Maya wall paintings in Ekâ€™Balam, Mexico. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2005, 61, 2349-2356.	2.0	121
123	Serine 25 phosphorylation inhibits RIPK1 kinase-dependent cell death in models of infection and inflammation. Nature Communications, 2019, 10, 1729.	5.8	121
124	ATP Release from Dying Autophagic Cells and Their Phagocytosis Are Crucial for Inflammasome Activation in Macrophages. PLoS ONE, 2012, 7, e40069.	1.1	121
125	TTRAP, a Novel Protein That Associates with CD40, Tumor Necrosis Factor (TNF) Receptor-75 and TNF Receptor-associated Factors (TRAFs), and That Inhibits Nuclear Factor-ÎºB Activation. Journal of Biological Chemistry, 2000, 275, 18586-18593.	1.6	120
126	SitePredicting the cleavage of proteinase substrates. Trends in Biochemical Sciences, 2009, 34, 319-323.	3.7	119

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127	Chemotherapy-induced ileal crypt apoptosis and the ileal microbiome shape immunosurveillance and prognosis of proximal colon cancer. Nature Medicine, 2020, 26, 919-931.	15.2	118
128	Severity of doxorubicinâ€induced small intestinal mucositis is regulated by the TLRâ€2 and TLRâ€9 pathways. Journal of Pathology, 2012, 226, 598-608.	2.1	117
129	Raman spectroscopic study of Lactarius spores (Russulales, Fungi). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2005, 61, 2896-2908.	2.0	116
130	Yersinia enterocolitica YopP-induced Apoptosis of Macrophages Involves the Apoptotic Signaling Cascade Upstream of Bid. Journal of Biological Chemistry, 2001, 276, 19706-19714.	1.6	115
131	Cell death in the skin. Apoptosis: an International Journal on Programmed Cell Death, 2009, 14, 549-569.	2.2	115
132	Life and death of female gametes during oogenesis and folliculogenesis. Apoptosis: an International Journal on Programmed Cell Death, 2008, 13, 1065-1087.	2.2	114
133	On the stability of mediaeval inorganic pigments: a literature review of the effect of climate, material selection, biological activity, analysis and conservation treatments. Heritage Science, 2017, 5, .	1.0	112
134	Proteome-wide Identification of HtrA2/Omi Substrates. Journal of Proteome Research, 2007, 6, 1006-1015.	1.8	111
135	Chapter 16 Methods for Distinguishing Apoptotic from Necrotic Cells and Measuring Their Clearance. Methods in Enzymology, 2008, 442, 307-341.	0.4	111
136	Nuclear RIPK3 and MLKL contribute to cytosolic necrosome formation and necroptosis. Communications Biology, 2018, 1, 6.	2.0	111
137	The Nod-Like Receptor Family Member Naip5/Birc1e Restricts <i>Legionella pneumophila</i> Growth Independently of Caspase-1 Activation. Journal of Immunology, 2007, 178, 8022-8027.	0.4	109
138	The IL-33/ST2 axis is crucial in type 2 airway responses induced by Staphylococcus aureus â€“derived serine proteaseâ€“like protein D. Journal of Allergy and Clinical Immunology, 2018, 141, 549-559.e7.	1.5	109
139	Necroptosis in Immuno-Oncology and Cancer Immunotherapy. Cells, 2020, 9, 1823.	1.8	109
140	Evaluation of an accurate calibration and spectral standardization procedure for Raman spectroscopy. Analyst, The, 2005, 130, 1204.	1.7	107
141	How do we fit ferroptosis in the family of regulated cell death?. Cell Death and Differentiation, 2017, 24, 1991-1998.	5.0	107
142	Inhibitors Targeting RIPK1/RIPK3: Old and New Drugs. Trends in Pharmacological Sciences, 2020, 41, 209-224.	4.0	106
143	Differential Signaling to Apoptotic and Necrotic Cell Death by Fas-associated Death Domain Protein FADD. Journal of Biological Chemistry, 2004, 279, 7925-7933.	1.6	105
144	Generation and Biological Characterization of Membrane-bound, Uncleavable Murine Tumor Necrosis Factor. Journal of Biological Chemistry, 1995, 270, 18473-18478.	1.6	104

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145	Ubiquitin-Mediated Regulation of RIPK1 Kinase Activity Independent of IKK and MK2. Molecular Cell, 2018, 69, 566-580.e5.	4.5	102
146	Detection of counterfeit ViagraÂ® with Raman spectroscopy. Journal of Pharmaceutical and Biomedical Analysis, 2008, 46, 303-309.	1.4	101
147	Bcl-2 Family Members as Sentinels of Cellular Integrity and Role of Mitochondrial Intermembrane Space Proteins in Apoptotic Cell Death. Acta Haematologica, 2004, 111, 7-27.	0.7	99
148	An outline of necrosome triggers. Cellular and Molecular Life Sciences, 2016, 73, 2137-2152.	2.4	99
149	Tumor Necrosis Factor-Î±â€“Induced Activation of RhoA in Airway Smooth Muscle Cells: Role in the Ca2+ Sensitization of Myosin Light Chain20 Phosphorylation. Molecular Pharmacology, 2003, 63, 714-721.	1.0	97
150	Characterisation of a portable Raman spectrometer for in situ analysis of art objects. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 118, 294-301.	2.0	97
151	Boosting Apoptotic Cell Clearance by Colonic Epithelial Cells Attenuates Inflammation InÂVivo. Immunity, 2016, 44, 807-820.	6.6	96
152	cIAP1/2 Are Direct E3 Ligases Conjugating Diverse Types of Ubiquitin Chains to Receptor Interacting Proteins Kinases 1 to 4 (RIP1â€“4). PLoS ONE, 2011, 6, e22356.	1.1	91
153	Phosphatidyl serine exposure during apoptosis precedes release of cytochromecand decrease in mitochondrial transmembrane potential. FEBS Letters, 2000, 465, 47-52.	1.3	90
154	In situ analysis of mediaeval wall paintings: a challenge for mobile Raman spectroscopy. Analytical and Bioanalytical Chemistry, 2005, 383, 707-712.	1.9	90
155	Necrosis is associated with IL-6 production but apoptosis is not. Cellular Signalling, 2006, 18, 328-335.	1.7	90
156	Inflammatory Caspases: Targets for Novel Therapies. Current Pharmaceutical Design, 2007, 13, 367-385.	0.9	89
157	Creation and X-ray Structure Analysis of the Tumor Necrosis Factor Receptor-1-selective Mutant of a Tumor Necrosis Factor-Î± Antagonist. Journal of Biological Chemistry, 2008, 283, 998-1007.	1.6	89
158	The emergence of phox-ER stress induced immunogenic apoptosis. OncoImmunology, 2012, 1, 786-788.	2.1	89
159	Novel Ferroptosis Inhibitors with Improved Potency and ADME Properties. Journal of Medicinal Chemistry, 2016, 59, 2041-2053.	2.9	88
160	Treatment with mRNA coding for the necroptosis mediator MLKL induces antitumor immunity directed against neo-epitopes. Nature Communications, 2018, 9, 3417.	5.8	87
161	Fast detection and identification of counterfeit antimalarial tablets by Raman spectroscopy. Journal of Raman Spectroscopy, 2007, 38, 181-187.	1.2	86
162	Smac Mimetic Bypasses Apoptosis Resistance in FADD- or Caspase-8-Deficient Cells by Priming for Tumor Necrosis Factor Î±-Induced Necroptosis. Neoplasia, 2011, 13, 971-IN29.	2.3	86

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163	NLRP3/Caspase-1â€"Independent IL-1Î² Production Mediates Diesel Exhaust Particle-Induced Pulmonary Inflammation. Journal of Immunology, 2011, 187, 3331-3337.	0.4	86
164	A new instrument adapted to in situ Raman analysis of objects of art. Analytical and Bioanalytical Chemistry, 2004, 379, 137-142.	1.9	85
165	Necroptosis Signaling Promotes Inflammation, Airway Remodeling, and Emphysema in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 667-681.	2.5	85
166	Tumor Necrosis Factor-Î± Mediates Both Apoptotic Cell Death and Cell Proliferation in a Human Hematopoietic Cell Line Dependent on Mitotic Activity and Receptor Subtype Expression. Journal of Biological Chemistry, 1999, 274, 9539-9547.	1.6	84
167	Caspase-induced proteolysis of the cyclin-dependent kinase inhibitor p27Kip1 mediates its anti-apoptotic activity. Oncogene, 1999, 18, 4839-4847.	2.6	84
168	Hypothermia and hypoglycemia induced by anti-CD3 monoclonal antibody in mice: Role of tumor necrosis factor. European Journal of Immunology, 1990, 20, 707-710.	1.6	83
169	INCA, a Novel Human Caspase Recruitment Domain Protein That Inhibits Interleukin-1Î² Generation. Journal of Biological Chemistry, 2004, 279, 51729-51738.	1.6	83
170	Intersections between Regulated Cell Death and Autophagy. Trends in Cell Biology, 2019, 29, 323-338.	3.6	83
171	Investigation of pigments in medieval manuscripts by micro raman spectroscopy and total reflection X-ray fluorescence spectrometry. Mikrochimica Acta, 1999, 130, 253-260.	2.5	82
172	Forensic analysis of automotive paints by Raman spectroscopy. Journal of Raman Spectroscopy, 2005, 36, 1059-1067.	1.2	82
173	Immunogenic Apoptotic Cell Death and Anticancer Immunity. Advances in Experimental Medicine and Biology, 2016, 930, 133-149.	0.8	82
174	Discovery of Novel, Drug-Like Ferroptosis Inhibitors with in Vivo Efficacy. Journal of Medicinal Chemistry, 2018, 61, 10126-10140.	2.9	80
175	Pigment investigation of a late-medieval manuscript with total reflection X-ray fluorescence and micro-Raman spectroscopy. Analyst, The, 1999, 124, 169-172.	1.7	79
176	Resistance to anticancer vaccination effect is controlled by a cancer cell-autonomous phenotype that disrupts immunogenic phagocytic removal. Oncotarget, 2015, 6, 26841-26860.	0.8	79
177	Punching Holes in Cellular Membranes: Biology and Evolution of Gasdermins. Trends in Cell Biology, 2021, 31, 500-513.	3.6	78
178	Erythropoietin-induced changes in brain gene expression reveal induction of synaptic plasticity genes in experimental stroke. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9617-9622.	3.3	77
179	Differential activation of nuclear factor-ÎºB by tumour necrosis factor receptor subtypes. TNFR1 predominates whereas TNFR2 activates transcription poorly. FEBS Letters, 2002, 515, 119-126.	1.3	75
180	Mobile Spectroscopic Instrumentation in Archaeometry Research. Applied Spectroscopy, 2016, 70, 27-41.	1.2	75

#	Article	IF	Citations
181	Withaferin A: From ayurvedic folk medicine to preclinical anti-cancer drug. Biochemical Pharmacology, 2020, 173, 113602.	2.0	73
182	Casein Kinase-1 Phosphorylates the p75 Tumor Necrosis Factor Receptor and Negatively Regulates Tumor Necrosis Factor Signaling for Apoptosis. Journal of Biological Chemistry, 1995, 270, 23293-23299.	1.6	72
183	Non-destructive analysis of paintings using Fourier transform Raman spectroscopy with fibre optics. Journal of Raman Spectroscopy, 2001, 32, 263-269.	1.2	72
184	Raman spectroscopy in art and archaeology. Journal of Raman Spectroscopy, 2004, 35, 607-609.	1.2	72
185	Effect of Culture Conditions on the Achievable Taxonomic Resolution of Raman Spectroscopy Disclosed by Three Bacillus Species. Analytical Chemistry, 2004, 76, 6274-6281.	3.2	72
186	Necroptosis: A Novel Cell Death Modality and Its Potential Relevance for Critical Care Medicine. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 415-428.	2.5	72
187	The endothelial monocyte-activating polypeptide II (EMAP II) is a substrate for caspase-7. FEBS Letters, 2000, 466, 143-147.	1.3	71
188	Therapeutic Targeting of Connexin Channels: New Views and Challenges. Trends in Molecular Medicine, 2018, 24, 1036-1053.	3.5	71
189	Ionizing radiation results in a mixture of cellular outcomes including mitotic catastrophe, senescence, methuosis, and iron-dependent cell death. Cell Death and Disease, 2020, 11, 1003.	2.7	71
190	Sensing of endogenous nucleic acids by ZBP1 induces keratinocyte necroptosis and skin inflammation. Journal of Experimental Medicine, 2020, 217, .	4.2	71
191	Quantifying single-cell ERK dynamics in colorectal cancer organoids reveals EGFR as an amplifier of oncogenic MAPK pathway signalling. Nature Cell Biology, 2021, 23, 377-390.	4.6	71
192	Micro-Raman spectroscopy of natural and synthetic indigo samples. Analyst, The, 2003, 128, 187-193.	1.7	70
193	Caspase-1 and Caspase-8 Cleave and Inactivate Cellular Parkin. Journal of Biological Chemistry, 2003, 278, 23376-23380.	1.6	70
194	Methodological evolutions of Raman spectroscopy in art and archaeology. Analytical Methods, 2016, 8, 8395-8409.	1.3	70
195	CHARACTERIZATION OF COUNTERFEIT ARTESUNATE ANTIMALARIAL TABLETS FROM SOUTHEAST ASIA. American Journal of Tropical Medicine and Hygiene, 2006, 75, 804-811.	0.6	70
196	Sorafenib tosylate inhibits directly necrosome complex formation and protects in mouse models of inflammation and tissue injury. Cell Death and Disease, 2017, 8, e2904-e2904.	2.7	69
197	Protein synthesis persists during necrotic cell death. Journal of Cell Biology, 2005, 168, 545-551.	2.3	67
198	Hydroxylase Inhibition Abrogates TNF-Î±â€"Induced Intestinal Epithelial Damage by Hypoxia-Inducible Factor-1â€"Dependent Repression of FADD. Journal of Immunology, 2010, 185, 6306-6316.	0.4	67

#	Article	IF	Citations
199	ADAR1 interaction with Z-RNA promotes editing of endogenous double-stranded RNA and prevents MDA5-dependent immune activation. Cell Reports, 2021, 36, 109500.	2.9	65
200	EVIDENCE THAT PENTOXIFYLLINE REDUCES ANTI-CD3 MONOCLONAL ANTIBODY-INDUCED CYTOKINE RELEASE SYNDROME. Transplantation, 1991, 52, 674-679.	0.5	64
201	Proteome-wide Substrate Analysis Indicates Substrate Exclusion as a Mechanism to Generate Caspase-7 Versus Caspase-3 Specificity. Molecular and Cellular Proteomics, 2009, 8, 2700-2714.	2.5	64
202	Calcium and connexin-based intercellular communication, a deadly catch?. Cell Calcium, 2011, 50, 310-321.	1.1	64
203	Critical evaluation of a handheld Raman spectrometer with near infrared (785 nm) excitation for field identification of minerals. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 80, 36-40.	2.0	63
204	The role of the IAP E3 ubiquitin ligases in regulating pattern-recognition receptor signalling. Nature Reviews Immunology, 2012, 12, 833-844.	10.6	62
205	Gut Microbiota Affects Sensitivity to Acute DSS-induced Colitis Independently of Host Genotype. Inflammatory Bowel Diseases, 2013, 19, 2560-2567.	0.9	61
206	RIPK1 protects from TNF-Î±-mediated liver damage during hepatitis. Cell Death and Disease, 2016, 7, e2462-e2462.	2.7	61
207	The intrinsic immunogenic properties of cancer cell lines, immunogenic cell death, and how these influence host antitumor immune responses. Cell Death and Differentiation, 2021, 28, 843-860.	5.0	61
208	MLKL in cancer: more than a necroptosis regulator. Cell Death and Differentiation, 2021, 28, 1757-1772.	5.0	61
209	A20 protects cells from TNF-induced apoptosis through linear ubiquitin-dependent and -independent mechanisms. Cell Death and Disease, 2019, 10, 692.	2.7	60
210	Non-destructive analysis of museum objects by fibre-optic Raman spectroscopy. Analytical and Bioanalytical Chemistry, 2007, 387, 813-819.	1.9	59
211	A Novel Caspase-2 Complex Containing TRAF2 and RIP1. Journal of Biological Chemistry, 2005, 280, 6923-6932.	1.6	58
212	Tryptic peptide analysis of protein binders in works of art by liquid chromatographyâ€"tandem mass spectrometry. Analytica Chimica Acta, 2010, 658, 156-162.	2.6	58
213	Comparison of seven portable Raman spectrometers: beryl as a case study. Journal of Raman Spectroscopy, 2017, 48, 1289-1299.	1.2	58
214	Contribution to the identification of Î±â€, Î²â€•and Îµâ€copper phthalocyanine blue pigments in modern artists' paints by Xâ€ray powder diffraction, attenuated total reflectance microâ€fourier transform infrared spectroscopy and microâ€Raman spectroscopy. Journal of Raman Spectroscopy, 2012, 43, 1772-1780.	1.2	57
215	Tumoricidal Activity of Monocyte-Derived Dendritic Cells: Evidence for a Caspase-8-Dependent, Fas-Associated Death Domain-Independent Mechanism. Journal of Immunology, 2001, 167, 3565-3569.	0.4	56
216	Different Pathways Mediate Cytochrome c Release After Photodynamic Therapy with Hypericin. Photochemistry and Photobiology, 2001, 74, 133.	1.3	56

#	Article	IF	Citations
217	Mechanisms of internalization of apoptotic and necrotic L929 cells by a macrophage cell line studied by electron microscopy. Journal of Morphology, 2003, 258, 336-345.	0.6	56
218	Ultraviolet B radiation-induced apoptosis in human keratinocytes: cytosolic activation of procaspase-8 and the role of Bcl-2. FEBS Letters, 2003, 540, 125-132.	1.3	54
219	On the definition of Raman spectroscopic detection limits for the analysis of biomarkers in solid matrices. Planetary and Space Science, 2012, 62, 48-54.	0.9	54
220	Tauroursodeoxycholic acid inhibits experimental colitis by preventing early intestinal epithelial cell death. Laboratory Investigation, 2014, 94, 1419-1430.	1.7	54
221	<scp><i>GSDME</i></scp> and its role in cancer: From behind the scenes to the front of the stage. International Journal of Cancer, 2021, 148, 2872-2883.	2.3	54
222	Identification of caspases that cleave presenilin-1 and presenilin-2. FEBS Letters, 1999, 445, 149-154.	1.3	53
223	Apoptosis of intestinal epithelial cells restricts Clostridium difficile infection in a model of pseudomembranous colitis. Nature Communications, 2018, 9, 4846.	5.8	53
224	An Apoptotic Caspase Network Safeguards Cell Death Induction in Pyroptotic Macrophages. Cell Reports, 2020, 32, 107959.	2.9	53
225	Raman spectroscopy of different types of Mexican copal resins. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2003, 59, 2221-2229.	2.0	52
226	The Rio Tinto Mars Analogue site: An extremophilic Raman spectroscopic study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2007, 68, 1133-1137.	2.0	52
227	Monitoring Poly(3-hydroxybutyrate) Production in <i>Cupriavidus necator</i> DSM 428 (H16) with Raman Spectroscopy. Analytical Chemistry, 2008, 80, 2155-2160.	3.2	52
228	In situ investigations of vault paintings in the Antwerp cathedral. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 75, 511-519.	2.0	52
229	Glucocorticoid receptor dimers control intestinal STAT1 and TNF-induced inflammation in mice. Journal of Clinical Investigation, 2018, 128, 3265-3279.	3.9	52
230	Vitamin D3 Induces Caspase-14 Expression in Psoriatic Lesions and Enhances Caspase-14 Processing in Organotypic Skin Cultures. American Journal of Pathology, 2004, 165, 833-841.	1.9	51
231	Caspases leave the beaten track: caspase-mediated activation of NF-Î°B. Journal of Cell Biology, 2006, 173, 165-171.	2.3	51
232	Diamond-Graphite Relationships in Ultrahigh-pressure Metamorphic Rocks from the Kokchetav Massif, Northern Kazakhstan. Journal of Petrology, 2010, 51, 763-783.	1.1	51
233	The Ripoptosome: Death Decision in the Cytosol. Molecular Cell, 2011, 43, 323-325.	4.5	51
234	Cleavage of caspase family members by granzyme B: a comparative studyin vitro. European Journal of Immunology, 1997, 27, 1296-1299.	1.6	50

#	Article	IF	Citations
235	Induction of apoptosis by TNF receptor 2 in a T-cell hybridoma is FADD dependent and blocked by caspase-8 inhibitors. Journal of Cell Science, 2005, 118, 497-504.	1.2	50
236	Raman spectroscopy of green minerals and reaction products with an application in Cultural Heritage research. Journal of Raman Spectroscopy, 2016, 47, 1429-1443.	1.2	50
237	A real-time fluorometric method for the simultaneous detection of cell death type and rate. Nature Protocols, 2016, 11, 1444-1454.	5.5	50
238	Macrophages regulate the clearance of living cells by calreticulin. Nature Communications, 2018, 9, 4644.	5.8	50
239	NIR-FT-Raman spectroscopic analytical characterization of the fruits, seeds, and phytotherapeutic oils from rosehips. Analytical and Bioanalytical Chemistry, 2008, 392, 1489-1496.	1.9	49
240	Classification of protein binders in artist's paints by matrixâ€assisted laser desorption/ionisation timeâ€ofâ€flight mass spectrometry: an evaluation of principal component analysis (PCA) and soft independent modelling of class analogy (SIMCA). Rapid Communications in Mass Spectrometry, 2011, 25, 1631-1640.	0.7	49
241	IP3, a small molecule with a powerful message. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 1772-1786.	1.9	49
242	RIPK1 protects hepatocytes from Kupffer cells-mediated TNF-induced apoptosis in mouse models of PAMP-induced hepatitis. Journal of Hepatology, 2017, 66, 1205-1213.	1.8	48
243	Evaluation of a Principal Components-Based Searching Algorithm for Raman Spectroscopic Identification of Organic Pigments in 20th Century Artwork. Applied Spectroscopy, 2001, 55, 525-533.	1.2	47
244	Distinct regulation of cytosolic phospholipase A2 phosphorylation, translocation, proteolysis and activation by tumour necrosis factor-receptor subtypes. Biochemical Journal, 2003, 374, 453-461.	1.7	47
245	Deficiency in the mitochondrial apoptotic pathway reveals the toxic potential of autophagy under ER stress conditions. Autophagy, 2014, 10, 1921-1936.	4.3	47
246	Proteolytic cleavage of Î²-catenin by caspases: an in vitro analysis. FEBS Letters, 1999, 458, 167-170.	1.3	46
247	Raman microspectroscopy as an identification tool within the phylogenetically homogeneous â€˜Bacillus subtilisâ€™-group. Systematic and Applied Microbiology, 2006, 29, 650-660.	1.2	46
248	The Tumor Suppressor Hace1 Is a Critical Regulator of TNFR1-Mediated Cell Fate. Cell Reports, 2016, 15, 1481-1492.	2.9	46
249	The cAMP-specific Phosphodiesterase PDE4A5 Is Cleaved Downstream of Its SH3 Interaction Domain by Caspase-3. Journal of Biological Chemistry, 2000, 275, 28063-28074.	1.6	45
250	Human tumor necrosis factor mutants with preferential binding to and activity on either the R55 or R75 receptor. FEBS Journal, 1994, 220, 771-779.	0.2	44
251	Cytotoxicity in L929 murine fibrosarcoma cells after triggering of transfected human p75 tumour necrosis factor (TNF) receptor is mediated by endogenous murine TNF. Cytokine, 1995, 7, 463-470.	1.4	44
252	A20 Inhibits NF-Î°B Activation Independently of Binding to 14-3-3 Proteins. Biochemical and Biophysical Research Communications, 1997, 238, 590-594.	1.0	44

#	Article	IF	Citations
253	Spectroscopic Examination of Two Egyptian Masks: A Combined Method Approach. Analytical Letters, 2000, 33, 3315-3332.	1.0	44
254	The use of a multi-method approach to identify the pigments in the 12th century manuscript Liber Floridus. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 80, 125-132.	2.0	44
255	Microbes exploit death-induced nutrient release by gut epithelial cells. Nature, 2021, 596, 262-267.	13.7	44
256	Raman spectroscopic study of bacterial endospores. Analytical and Bioanalytical Chemistry, 2007, 389, 2143-2151.	1.9	43
257	Raman spectra of pure biomolecules obtained using a handheld instrument under cold high-altitude conditions. Analytical and Bioanalytical Chemistry, 2010, 397, 2753-2760.	1.9	43
258	Cleavage of transcription factor SP1 by caspases during anti-IgM-induced B-cell apoptosis. FEBS Journal, 1999, 261, 269-274.	0.2	42
259	Type II tumour necrosis factor-Î± receptor (TNFR2) activates c-Jun N-terminal kinase (JNK) but not mitogen-activated protein kinase (MAPK) or p38 MAPK pathways. Biochemical Journal, 2001, 359, 525.	1.7	42
260	Methods for extracting biochemical information from bacterial Raman spectra: Focus on a group of structurally similar biomoleculesâ€"Fatty acids. Analytica Chimica Acta, 2007, 603, 167-175.	2.6	42
261	Adsorption of cobalt (II) 5,10,15,20-tetrakis(2-aminophenyl)-porphyrin onto copper substrates: Characterization and impedance studies for corrosion inhibition. Corrosion Science, 2012, 62, 73-82.	3.0	42
262	Keratinocyte Expression of A20/TNFAIP3 Controls Skin Inflammation Associated with Atopic Dermatitis and Psoriasis. Journal of Investigative Dermatology, 2019, 139, 135-145.	0.3	42
263	SENSITIZATION OF TNF-INDUCED APOPTOSIS WITH POLYAMINE SYNTHESIS INHIBITORS IN DIFFERENT HUMAN AND MURINE TUMOUR CELL LINES. Cytokine, 1998, 10, 423-431.	1.4	41
264	Is quartz a potential indicator of ultrahigh-pressure metamorphism? Laser Raman spectroscopy of quartz inclusions in ultrahigh-pressure garnets. European Journal of Mineralogy, 2010, 21, 1313-1323.	0.4	41
265	Signaling to gene activation and cell death by tumor necrosis factor receptors and fas. International Review of Cytology, 2002, 214, 225-272.	6.2	40
266	Methods for extracting biochemical information from bacterial Raman spectra: An explorative study on Cupriavidus metallidurans. Analytica Chimica Acta, 2007, 585, 234-240.	2.6	40
267	Caspase substrates: easily caught in deep waters?. Trends in Biotechnology, 2009, 27, 680-688.	4.9	40
268	Intermediate Domain of Receptor-interacting Protein Kinase 1 (RIPK1) Determines Switch between Necroptosis and RIPK1 Kinase-dependent Apoptosis. Journal of Biological Chemistry, 2012, 287, 14863-14872.	1.6	40
269	Fine-tuning nucleophosmin in macrophage differentiation and activation. Blood, 2011, 118, 4694-4704.	0.6	39
270	Acceleration of gelation and promotion of mineralization of chitosan hydrogels by alkaline phosphatase. International Journal of Biological Macromolecules, 2013, 56, 122-132.	3.6	39

#	Article	IF	Citations
271	A combined spectroscopic study on Chinese porcelain containing ruan-cai colours. Analytical Methods, 2014, 6, 387-394.	1.3	39
272	Persistence of anti-donor allohelper T cells after neonatal induction of allotolerance in mice. European Journal of Immunology, 1990, 20, 1647-1653.	1.6	38
273	Spectroscopic investigation of a â€˜Virgin of Sorrowsâ€™ canvas painting: A multi-method approach. Analytica Chimica Acta, 2005, 550, 164-172.	2.6	38
274	Laser Ablation-Inductively Coupled Plasma Mass Spectrometry for the Characterization of Pigments in Prehistoric Rock Art. Analytical Chemistry, 2007, 79, 8947-8955.	3.2	38
275	Clearance of dead cells: mechanisms, immune responses and implication in the development of diseases. Apoptosis: an International Journal on Programmed Cell Death, 2010, 15, 995-997.	2.2	38
276	Interaction Patches of Procaspase-1 Caspase Recruitment Domains (CARDs) Are Differently Involved in Procaspase-1 Activation and Receptor-interacting Protein 2 (RIP2)-dependent Nuclear Factor ÎºB Signaling. Journal of Biological Chemistry, 2011, 286, 35874-35882.	1.6	38
277	Antioxidant potential of CORM-A1 and resveratrol during TNF-Î±/cycloheximide-induced oxidative stress and apoptosis in murine intestinal epithelial MODE-K cells. Toxicology and Applied Pharmacology, 2015, 288, 161-178.	1.3	38
278	Functional Characterization of the Prodomain of Interleukin1Î²-converting Enzyme. Journal of Biological Chemistry, 1996, 271, 27245-27248.	1.6	37
279	NADPH Oxidases: New Players in TNF-Induced Necrotic Cell Death. Molecular Cell, 2007, 26, 769-771.	4.5	37
280	Degradomics Reveals That Cleavage Specificity Profiles of Caspase-2 and Effector Caspases Are Alike. Journal of Biological Chemistry, 2012, 287, 33983-33995.	1.6	37
281	Proteolysis of Enteric Cell Villin by Entamoeba histolytica Cysteine Proteinases. Journal of Biological Chemistry, 2003, 278, 22650-22656.	1.6	36
282	Raman spectroscopic analysis of Mexican natural artistsâ€™ materials. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2007, 68, 1085-1088.	2.0	36
283	Impairment of phagocytosis of apoptotic cells and its role in chronic airway diseases. Apoptosis: an International Journal on Programmed Cell Death, 2010, 15, 1137-1146.	2.2	36
284	Microâ€Raman spectroscopy and complementary techniques (hXRF, VPâ€SEMâ€EDS, <i>Î¼</i>â€FTIR and Pyâ€GC/MS) applied to the study of beads from the Kongo Kingdom (Democratic Republic of the Congo). Journal of Raman Spectroscopy, 2017, 48, 1468-1478.	1.2	36
285	RIPK1-dependent cell death: a novel target of the Aurora kinase inhibitor Tozasertib (VX-680). Cell Death and Disease, 2018, 9, 211.	2.7	36
286	Inflammatory mediators in Escherichia coli-induced mastitis in mice. Comparative Immunology, Microbiology and Infectious Diseases, 2008, 31, 551-565.	0.7	35
287	Caspase-14-Deficient Mice Are More Prone to the Development of Parakeratosis. Journal of Investigative Dermatology, 2013, 133, 742-750.	0.3	35
288	Caspase-3 and RasGAP: a stress-sensing survival/demise switch. Trends in Cell Biology, 2014, 24, 83-89.	3.6	35

#	Article	IF	Citations
289	A Caspase-activated Factor (CAF) Induces Mitochondrial Membrane Depolarization and Cytochrome c Release by a Nonproteolytic Mechanism. Journal of Experimental Medicine, 1998, 188, 2193-2198.	4.2	34
290	Structure/Function Analysis of p55 Tumor Necrosis Factor Receptor and Fas-associated Death Domain. Journal of Biological Chemistry, 2000, 275, 37596-37603.	1.6	34
291	Lithium Sensitizes Tumor Cells in an NF-ÎºB-independent Way to Caspase Activation and Apoptosis Induced by Tumor Necrosis Factor (TNF). Journal of Biological Chemistry, 2001, 276, 25939-25945.	1.6	34
292	The p55 tumour necrosis factor receptor TNFR1 contains a trans-Golgi network localization signal in the C-terminal region of its cytoplasmic tail. Biochemical Journal, 2002, 366, 15-22.	1.7	34
293	The Pseudomonas aeruginosa Type III Secretion System Has an Exotoxin S/T/Y Independent Pathogenic Role during Acute Lung Infection. PLoS ONE, 2012, 7, e41547.	1.1	34
294	Differential involvement of caspases in apoptosis of myeloid leukemic cells induced by chemotherapy versus growth factor withdrawal. FEBS Letters, 1997, 409, 207-210.	1.3	33
295	Molecular cloning and identification of murine caspase-8. Journal of Molecular Biology, 1998, 284, 1017-1026.	2.0	33
296	Bronze Age painted plaster in Mycenaean Greece: a pilot study on the testing and application of micro-Raman spectroscopy. Journal of Raman Spectroscopy, 2004, 35, 686-693.	1.2	33
297	Multi-disciplinary investigation of the tomb of Menna (TT69), Theban Necropolis, Egypt. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 73, 546-552.	2.0	33
298	Non-Classical ProIL-1beta Activation during Mammary Gland Infection Is Pathogen-Dependent but Caspase-1 Independent. PLoS ONE, 2014, 9, e105680.	1.1	33
299	Pigment identification of an illuminated mediaeval manuscript <i>De Civitate Dei</i> by means of a portable Raman equipment. Journal of Raman Spectroscopy, 2014, 45, 1266-1271.	1.2	33
300	Nondestructive investigation on the 17â€•18th centuries Sicilian jewelry collection at the Messina regional museum using mobile Raman equipment. Journal of Raman Spectroscopy, 2015, 46, 989-995.	1.2	33
301	On-field Raman spectroscopy of Patagonian prehistoric rock art: Pigments, alteration products and substrata. TrAC - Trends in Analytical Chemistry, 2018, 105, 338-351.	5.8	33
302	Immunodominant AH1 Antigen-Deficient Necroptotic, but Not Apoptotic, Murine Cancer Cells Induce Antitumor Protection. Journal of Immunology, 2020, 204, 775-787.	0.4	33
303	Raman mapping of coesite inclusions in garnet from the Kokchetav Massif (Northern Kazakhstan). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2007, 68, 1046-1052.	2.0	32
304	Tozasertib Analogues as Inhibitors of Necroptotic Cell Death. Journal of Medicinal Chemistry, 2018, 61, 1895-1920.	2.9	32
305	MODULATION OF THE RELEASE OF CYTOKINES AND REDUCTION OF THE SHOCK SYNDROME INDUCED BY ANTI-CD3 MONOCLONAL ANTIBODY IN MICE BY INTERLEUKIN-10. Transplantation, 1994, 57, 1436-1439.	0.5	32
306	Mediaeval Pigments in the Monastery of San Baudelio, Spain: A Raman Spectroscopic Analysis. Applied Spectroscopy, 2001, 55, 71-76.	1.2	31

#	Article	IF	Citations
307	Micro-Raman analysis of coloured lithographs. Analytical and Bioanalytical Chemistry, 2004, 379, 674-83.	1.9	31
308	Caspase-containing complexes in the regulation of cell death and inflammation. Biological Chemistry, 2006, 387, 1005-16.	1.2	31
309	The Biodata toolbox for MATLAB. Chemometrics and Intelligent Laboratory Systems, 2009, 95, 49-52.	1.8	31
310	Combined Spectroscopic Analysis of Beads from the Tombs of Kindoki, Lower Congo Province (Democratic Republic of the Congo). Applied Spectroscopy, 2016, 70, 76-93.	1.2	31
311	Tumor Necrosis Factor Induces Distinct Patterns of Caspase Activation in WEHI-164 Cells Associated with Apoptosis or Necrosis Depending on Cell Cycle Stage. Biochemical and Biophysical Research Communications, 1999, 261, 385-392.	1.0	30
312	Caspaseâ€7 participates in differentiation of cells forming dental hard tissues. Development Growth and Differentiation, 2013, 55, 615-621.	0.6	30
313	A T cell clone which responds to interkeukin 2 but not to interleukin 4. European Journal of Immunology, 1987, 17, 579-580.	1.6	29
314	Development of a simple, sensitive and specific bioassay for interleukin-1 based on the proliferation of RPMI 1788 cells comparison with other bioassays for IL-1. Journal of Immunological Methods, 1990, 135, 25-32.	0.6	29
315	Enzymatic degradation of tumor necrosis factor by activated human neutrophils: Role of elastase. Life Sciences, 1991, 49, 1879-1886.	2.0	29
316	Mouse mammary gland involution is associated with cytochrome c release and caspase activation. Mechanisms of Development, 2001, 104, 89-98.	1.7	29
317	In vivo imaging of NF-ÎºB activity during Escherichia coli-induced mammary gland infection. Cellular Microbiology, 2008, 10, 1249-1258.	1.1	29
318	Non-destructive in situ study of â€œMad Megâ€•by Pieter Bruegel the Elder using mobile X-ray fluorescence, X-ray diffraction and Raman spectrometers. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2014, 97, 1-6.	1.5	29
319	Chemotaxonomical identification of spores of macrofungi: possibilities of Raman spectroscopy. Analytical and Bioanalytical Chemistry, 2007, 387, 2823-2832.	1.9	28
320	Vitamin C controls neuronal necroptosis under oxidative stress. Redox Biology, 2020, 29, 101408.	3.9	28
321	A TLR3 Ligand Reestablishes Chemotherapeutic Responses in the Context of FPR1 Deficiency. Cancer Discovery, 2021, 11, 408-423.	7.7	28
322	In situ Raman spectroscopy for cultural heritage studies. Journal of Raman Spectroscopy, 2021, 52, 2178-2189.	1.2	28
323	Viral manipulation of host cell necroptosis and pyroptosis. Trends in Microbiology, 2022, 30, 593-605.	3.5	28
324	A ROLE FOR POTASSIUM IN TNF-INDUCED APOPTOSIS AND GENE-INDUCTION IN HUMAN AND RODENT TUMOUR CELL LINES. Cytokine, 2000, 12, 747-750.	1.4	27

#	Article	IF	Citations
325	Identification of Tumor Necrosis Factor (TNF) Amino Acids Crucial for Binding to the Murine p75 TNF Receptor and Construction of Receptor-selective Mutants. Journal of Biological Chemistry, 2001, 276, 37426-37430.	1.6	27
326	Discrimination of metamorphic diamond populations by Raman spectroscopy (Kokchetav, Kazakhstan). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2005, 61, 2378-2385.	2.0	27
327	Improvements in the wallpaper industry during the second half of the 19th century: Micro-Raman spectroscopy analysis of pigmented wallpapers. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2005, 61, 2357-2363.	2.0	27
328	Necrotic cell death and â€˜necrostatinsâ€™: now we can control cellular explosion. Trends in Biochemical Sciences, 2008, 33, 352-355.	3.7	27
329	Some ideas on the definition of Raman spectroscopic detection limits for the analysis of art and archaeological objects. Journal of Raman Spectroscopy, 2012, 43, 1545-1550.	1.2	27
330	Survival of Single Positive Thymocytes Depends upon Developmental Control of RIPK1 Kinase Signaling by the IKK Complex Independent of NF-ÎºB. Immunity, 2019, 50, 348-361.e4.	6.6	27
331	RIPK1 or RIPK3 deletion prevents progressive neuronal cell death and improves memory function after traumatic brain injury. Acta Neuropathologica Communications, 2021, 9, 138.	2.4	27
332	First finding of burkeite in melt inclusions in olivine from sheared lherzolite xenoliths. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 73, 424-427.	2.0	26
333	Microâ€Raman spectroscopy of decorated pottery from the Iberian archaeological site of Puente Tablas (JaÃ©n, Spain, 7thâ€"4th century <scp>B.C.</scp>). Journal of Raman Spectroscopy, 2010, 41, 68-73.	1.2	26
334	The mitochondrial serine protease HtrA2/Omi cleaves RIP1 during apoptosis of Ba/F3 cells induced by growth factor withdrawal. Cell Research, 2010, 20, 421-433.	5.7	26
335	The use of mobile Raman spectroscopy to compare three full-page miniatures from the breviary of Arnold of Egmond. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 83, 194-199.	2.0	26
336	Microâ€Raman analysis of pigments from hunterâ€"gatherer archaeological sites of North Patagonia (Argentina). Journal of Raman Spectroscopy, 2015, 46, 1016-1024.	1.2	26
337	The first use of portable <scp>Raman</scp> instrumentation for the <i>in situ</i> study of prehistoric rock paintings in <scp>Patagonian</scp> sites. Journal of Raman Spectroscopy, 2017, 48, 1459-1467.	1.2	26
338	ACTIVATED CASPASE-1 IS NOT A CENTRAL MEDIATOR OF INFLAMMATION IN THE COURSE OF ISCHEMIA-REPERFUSION1. Transplantation, 2001, 71, 778-784.	0.5	25
339	Stimulation of stress-activated but not mitogen-activated protein kinases by tumour necrosis factor receptor subtypes in airway smooth muscle. Biochemical Pharmacology, 2001, 61, 749-759.	2.0	25
340	Heterotrimers Formed by Tumor Necrosis Factors of Different Species or Muteins. Journal of Biological Chemistry, 2001, 276, 27098-27103.	1.6	25
341	Analysis of post-Byzantine icons from the Church of the Assumption in Cephalonia, Ionian Islands, Greece: A multi-method approach. Analytica Chimica Acta, 2007, 598, 169-179.	2.6	25
342	Elevated Î”Np63Î± Levels Facilitate Epidermal and Biliary Oncogenic Transformation. Journal of Investigative Dermatology, 2017, 137, 494-505.	0.3	25

#	Article	IF	Citations
343	Sorafenib inhibits therapeutic induction of necroptosis in acute leukemia cells. Oncotarget, 2017, 8, 68208-68220.	0.8	25
344	Interleukin 1Î± acts as an autocrine growth factor for RPMI1788, an Epstein-Barr virus-transformed human B cell line. European Journal of Immunology, 1988, 18, 1027-1031.	1.6	24
345	Tumor Necrosis Factor-Induced Cytotoxicity is Not Related to Rates of Mitochondrial Morphological Abnormalities or Autophagy-Changes that can be Mediated by TNFR-I or TNFR-II. Bioscience Reports, 1998, 18, 329-340.	1.1	24
346	Raman-based geobarometry of ultrahigh-pressure metamorphic rocks: applications, problems, and perspectives. Analytical and Bioanalytical Chemistry, 2010, 397, 2739-2752.	1.9	24
347	The detection of biomarkers in evaporite matrices using a portable Raman instrument under Alpine conditions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 80, 8-13.	2.0	24
348	Pink! Why not? On the unusual colour of Ã‰vora Cathedral. International Biodeterioration and Biodegradation, 2014, 94, 121-127.	1.9	24
349	On the Use of the Unusual Green Pigment Brochantite (Cu₄(SO₄)(OH)₆) in the 16th-Century Portuguese-Flemish Paintings Attributed to The Master Frei Carlos Workshop. Microscopy and Microanalysis, 2015, 21, 518-525.	0.2	24
350	Blocking connexin43 hemichannels protects mice against tumour necrosis factor-induced inflammatory shock. Scientific Reports, 2019, 9, 16623.	1.6	24
351	Inhibition of spontaneous neutrophil apoptosis by parabutoporin acts independently of NADPH oxidase inhibition but by lipid raft-dependent stimulation of Akt. Journal of Leukocyte Biology, 2009, 85, 497-507.	1.5	23
352	Is SIRT2 required for necroptosis?. Nature, 2014, 506, E4-E6.	13.7	23
353	Sibiriline, a new small chemical inhibitor of receptorâ€interacting protein kinase 1, prevents immuneâ€dependent hepatitis. FEBS Journal, 2017, 284, 3050-3068.	2.2	23
354	Delivery of Mixed-Lineage Kinase Domain-Like Protein by Vapor Nanobubble Photoporation Induces Necroptotic-Like Cell Death in Tumor Cells. International Journal of Molecular Sciences, 2019, 20, 4254.	1.8	23
355	Distinct EH domains of the endocytic TPLATE complex confer lipid and protein binding. Nature Communications, 2021, 12, 3050.	5.8	23
356	DIFFERENTIAL ROLE OF CALCIUM IN TUMOUR NECROSIS FACTOR-MEDIATED APOPTOSIS AND SECRETION OF GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR IN A T CELL HYBRIDOMA. Cytokine, 1997, 9, 631-638.	1.4	22
357	Tumour necrosis factor-induced activation of c-Jun N-terminal kinase is sensitive to caspase-dependent modulation while activation of mitogen-activated protein kinase (MAPK) or p38 MAPK is not. Biochemical Journal, 2002, 366, 145-155.	1.7	22
358	Doxorubicin-induced activation of protein kinase D1 through caspase-mediated proteolytic cleavage: identification of two cleavage sites by microsequencing. Cellular Signalling, 2004, 16, 703-709.	1.7	22
359	Apoptosis of hematopoietic cells induced by growth factor withdrawal is associated with caspase-9 mediated cleavage of Raf-1. Oncogene, 2005, 24, 1552-1562.	2.6	22
360	Analysis of South-Asian Shaman paintings at the national museum of Denmark. Journal of Raman Spectroscopy, 2008, 39, 1030-1034.	1.2	22

#	Article	IF	Citations
361	Direct analysis of the central panel of the soâ€called Wyts triptych after Jan van Eyck. Journal of Raman Spectroscopy, 2010, 41, 1500-1509.	1.2	22
362	Aragonite-calcite-dolomite relationships in UHPM polycrystalline carbonate inclusions from the Kokchetav Massif, northern Kazakhstan. European Journal of Mineralogy, 2010, 21, 1301-1311.	0.4	22
363	Feasibility study of the application of micro-Raman imaging as complement to micro-XRF imaging. Applied Physics A: Materials Science and Processing, 2012, 106, 363-376.	1.1	22
364	Micro-Raman spectroscopy and chemometrical analysis for the distinction of copper phthalocyanine polymorphs in paint layers. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 115, 636-640.	2.0	22
365	Mitochondria and NADPH oxidases are the major sources of TNF-Î±/cycloheximide-induced oxidative stress in murine intestinal epithelial MODE-K cells. Cellular Signalling, 2015, 27, 1141-1158.	1.7	22
366	Identification of protein binders in works of art by high-performance liquid chromatographyâ€“diode array detector analysis of their tryptic digests. Analytical and Bioanalytical Chemistry, 2009, 393, 1991-1999.	1.9	21
367	Evaluation of portable Raman spectroscopy and handheld X-ray fluorescence analysis (hXRF) for the direct analysis of glyptics. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 157, 146-152.	2.0	21
368	The somatostatin analogue TT-232 induces apoptosis in A431 cells. Cellular Signalling, 2001, 13, 717-725.	1.7	20
369	Requirement for Tumor Necrosis Factor-Receptor 2 in Alveolar Chemokine Expression Depends upon the Form of the Ligand. American Journal of Respiratory Cell and Molecular Biology, 2005, 33, 463-469.	1.4	20
370	Study of a unique 16th century Antwerp majolica floor in the Rameyenhof castle's chapel by means of X-ray fluorescence and portable Raman analytical instrumentation. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2014, 102, 28-35.	1.5	20
371	Evaluation of handheld and portable Raman spectrometers with different laser excitation wavelengths for the detection and characterization of organic minerals. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 243, 118818.	2.0	20
372	Cigarette smoke and the terminal ileum: increased autophagy in murine follicle-associated epithelium and Peyerâ€™s patches. Histochemistry and Cell Biology, 2012, 137, 293-301.	0.8	19
373	Beclin 1 functions as a negative modulator of MLKL oligomerisation by integrating into the necrosome complex. Cell Death and Differentiation, 2020, 27, 3065-3081.	5.0	19
374	Dimerization of chimeric erythropoietin /75 kDa Tumour Necrosis Factor (TNF) receptors transduces TNF signals: necessity for the 75 kDa-TNF receptor transmembrane domain. Cytokine, 1995, 7, 701-709.	1.4	18
375	Study of the 19th century porcelain cards with direct Raman analysis. Journal of Raman Spectroscopy, 2008, 39, 1099-1103.	1.2	18
376	<i>In situ</i> Raman mapping of art objects. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20160039.	1.6	18
377	Raman Investigation of Precious Jewelry Collections Preserved in Paolo Orsi Regional Museum (Siracusa, Sicily) Using Portable Equipment. Applied Spectroscopy, 2016, 70, 1420-1431.	1.2	18
378	Noninvasive Whole-Body Imaging of Phosphatidylethanolamine as a Cell Death Marker Using ^{99m}Tc-Duramycin During TNF-Induced SIRS. Journal of Nuclear Medicine, 2018, 59, 1140-1145.	2.8	18

#	Article	IF	Citations
379	Distinct mechanisms are involved in tumoristatic and tumoricidal activities of monocyte-derived dendritic cells. Immunology Letters, 2004, 91, 99-101.	1.1	17
380	Study of the deposition and Raman and XPS characterization of a metal ion tetrasulphonated phthalocyanine layer at gold surfaces: density functional theory calculations to model the vibrational spectra. Electrochemistry Communications, 2005, 7, 87-96.	2.3	17
381	An Inactivating Caspase-11 Passenger Mutation Muddles Sepsis Research. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 120-121.	2.5	17
382	NecroX-7 reduces necrotic core formation in atherosclerotic plaques of Apoe knockout mice. Atherosclerosis, 2016, 252, 166-174.	0.4	17
383	Development of a Fiber-Optics Microspatially Offset Raman Spectroscopy Sensor for Probing Layered Materials. Analytical Chemistry, 2017, 89, 9218-9223.	3.2	17
384	Multi-analytical study of ceramic pigments application in the study of Iron Age decorated pottery from SW Iberia. Measurement: Journal of the International Measurement Confederation, 2018, 118, 262-274.	2.5	17
385	Nanoscopic X-ray fluorescence imaging and quantification of intracellular key-elements in cryofrozen Friedreichâ€™s ataxia fibroblasts. PLoS ONE, 2018, 13, e0190495.	1.1	17
386	The combined use of Raman and microâ€Xâ€ray diffraction analysis in the study of archaeological glass beads. Journal of Raman Spectroscopy, 2019, 50, 250-261.	1.2	17
387	Multi-analytical approach to the study of the European glass beads found in the tombs of Kulumbimbi (Mbanza Kongo, Angola). Microchemical Journal, 2019, 149, 103990.	2.3	17
388	Caspase-3 probes for PET imaging of apoptotic tumor response to anticancer therapy. Organic and Biomolecular Chemistry, 2019, 17, 4801-4824.	1.5	17
389	A comparative mobile Raman study for the on field analysis of the <i>Mosaico de los Amores</i> of the CÃ¡stulo Archaeological Site (Linares, Spain). Journal of Raman Spectroscopy, 2020, 51, 1913-1923.	1.2	17
390	Identification of MYC as an antinecroptotic protein that stifles RIPK1â€“RIPK3 complex formation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 19982-19993.	3.3	17
391	Liquid-Phase Exfoliation of Rhenium Disulfide by Solubility Parameter Matching. Langmuir, 2020, 36, 15493-15500.	1.6	17
392	XIAP restrains TNF-driven intestinal inflammation and dysbiosis by promoting innate immune responses of Paneth and dendritic cells. Science Immunology, 2021, 6, eabf7235.	5.6	17
393	Raman spectroscopy in art and archaeology. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20160052.	1.6	16
394	Nondestructive Raman investigation on wall paintings at Sala Vaccarini in Catania (Sicily). Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	16
395	Regulation of RIPK1's cell death function by phosphorylation. Cell Cycle, 2016, 15, 5-6.	1.3	16
396	SERS using two-photon polymerized nanostructures for mycotoxin detection. RSC Advances, 2020, 10, 14274-14282.	1.7	16

#	Article	IF	Citations
397	Antioxidant and food additive BHA prevents TNF cytotoxicity by acting as a direct RIPK1 inhibitor. Cell Death and Disease, 2021, 12, 699.	2.7	16
398	Tumor necrosis factor receptor 2-signaling in CD133-expressing cells in renal clear cell carcinoma. Oncotarget, 2016, 7, 24111-24124.	0.8	16
399	Temperature Control and Temperature Uniformity During Rapid Thermal Processing. Materials Research Society Symposia Proceedings, 1991, 224, 185.	0.1	15
400	Discrimination of zeolites and beryllium containing silicates using portable Raman spectroscometric equipment with near-infrared excitation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 86, 341-346.	2.0	15
401	Improved radiocarbon dating for contaminated archaeological bone collagen, silk, wool and hair samples via crossâ€flow nanofiltrated amino acids. Rapid Communications in Mass Spectrometry, 2013, 27, 2039-2050.	0.7	15
402	The skin microbiome of caspaseâ€14â€deficient mice shows mild dysbiosis. Experimental Dermatology, 2014, 23, 561-567.	1.4	15
403	New insight on the underdrawing of 16th Flemish-Portuguese easel paintings by combined surface analysis and microanalytical techniques. Micron, 2016, 85, 15-25.	1.1	15
404	The ubiquitin-editing enzyme A20 controls NK cell homeostasis through regulation of mTOR activity and TNF. Journal of Experimental Medicine, 2019, 216, 2010-2023.	4.2	15
405	Feather Gene Expression Elucidates the Developmental Basis of Plumage Iridescence in African Starlings. Journal of Heredity, 2021, 112, 417-429.	1.0	15
406	Viral dosing of influenza A infection reveals involvement of RIPK3 and FADD, but not MLKL. Cell Death and Disease, 2021, 12, 471.	2.7	15
407	Synthesis of Colloidal WSe₂ Nanocrystals: Polymorphism Control by Precursor-Ligand Chemistry. Crystal Growth and Design, 2021, 21, 1451-1460.	1.4	15
408	The Soluble Guanylate Cyclase Activator BAY 58-2667 Protects against Morbidity and Mortality in Endotoxic Shock by Recoupling Organ Systems. PLoS ONE, 2013, 8, e72155.	1.1	15
409	8 Tumour necrosis factor induced autophagy and mitochondrial morphological abnormalities are mediated by TNFR-I and/or TNFR-II and do not invariably lead to cell death. Biochemical Society Transactions, 1998, 26, S314-S314.	1.6	14
410	Inhibition of Nuclear Factor-ÎºB by a Nitro-Derivative of Flurbiprofen: A Possible Mechanism for Antiinflammatory and Antiproliferative Effect. Antioxidants and Redox Signaling, 2003, 5, 229-235.	2.5	14
411	An integrated Raman and petrographic characterization of Italian mediaeval artifacts in <i>pietra ollare</i> (soapstone). Journal of Raman Spectroscopy, 2014, 45, 114-122.	1.2	14
412	Evaluation of portable Raman instruments with 532 and 785â€nm excitation for identification of zeolites and beryllium containing silicates. Journal of Raman Spectroscopy, 2015, 46, 927-932.	1.2	14
413	Analytical characterization of a new mobile X-ray fluorescence and X-ray diffraction instrument combined with a pigment identification case study. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2015, 110, 14-19.	1.5	14
414	Microâ€Raman spectroscopy on Iberian archaeological materials. Journal of Raman Spectroscopy, 2016, 47, 1514-1521.	1.2	14

#	Article	IF	Citations
415	Development of defocusing micro-SORS mapping: a study of a 19th century porcelain card. Analytical Methods, 2017, 9, 6435-6442.	1.3	14
416	Necroptosis: (Last) Message in a Bubble. Immunity, 2017, 47, 1-3.	6.6	14
417	Keratinocyte-Specific Ablation of RIPK4 Allows Epidermal Cornification but Impairs Skin Barrier Formation. Journal of Investigative Dermatology, 2018, 138, 1268-1278.	0.3	14
418	<i>Bacillus anthracis</i> induces NLRP3 inflammasome activation and caspase-8â€"mediated apoptosis of macrophages to promote lethal anthrax. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	14
419	Use of the Yeast Three-Hybrid System as a Tool to Study Caspases. Analytical Biochemistry, 1998, 263, 62-66.	1.1	13
420	Head Involution Defective (Hid)-triggered Apoptosis Requires Caspase-8 but Not FADD (Fas-associated) Tj ETQq0 0 0 rgBT /Overlock 10 35097-35104.	1.6	13
421	Dual Face Apoptotic Machinery: From Initiator of Apoptosis to Guardian of Necroptosis. Immunity, 2011, 35, 493-495.	6.6	13
422	Escherichia coli induces bovine neutrophil cell death independent from caspase-3/-7/-1, but with phosphatidylserine exposure prior to membrane rupture. Veterinary Immunology and Immunopathology, 2013, 153, 45-56.	0.5	13
423	Non-invasive methodology for the identification of plastic pieces in museum environment â€" a novel approach. Microchemical Journal, 2016, 124, 846-855.	2.3	13
424	Analysis of pre-Islamic ceramics from the Kur River Basin (Fars, Iran) using handheld X-ray fluorescence spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2016, 123, 150-156.	1.5	13
425	N-glycosylation of mouse TRAIL-R restrains TRAIL-induced apoptosis. Cell Death and Disease, 2018, 9, 494.	2.7	13
426	Modulation by caspases of tumor necrosis factor-stimulated c-Jun N-terminal kinase activation but not nuclear factor-ÎºB signaling. Biochemical Pharmacology, 2003, 65, 91-99.	2.0	12
427	Inflammatory Caspases: Targets for Novel Therapies. Current Pharmaceutical Design, 2007, 13, 365-383.	0.9	12
428	Raman Spectroscopic Analysis of Cupriavidus metallidurans LMG 1195 (CH34) Cultured in Low-shear Microgravity Conditions. Microgravity Science and Technology, 2009, 21, 217-223.	0.7	12
429	Towards the differentiation of non-treated and treated corundum minerals by ion-beam-induced luminescence and other complementary techniques. Analytical and Bioanalytical Chemistry, 2009, 394, 1043-1058.	1.9	12
430	Shining light on cell death processes â€" a novel biosensor for necroptosis, a newly described cell death program. Biotechnology Journal, 2014, 9, 224-240.	1.8	12
431	An analytical Raman spectroscopic study of an important english oil painting of the 18th Century. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 118, 598-602.	2.0	12
432	RIPK1 protects hepatocytes from death in Fas-induced hepatitis. Scientific Reports, 2017, 7, 9205.	1.6	12

#	Article	IF	Citations
433	RIPK4 activity in keratinocytes is controlled by the SCFÎ²-TrCP ubiquitin ligase to maintain cortical actin organization. Cellular and Molecular Life Sciences, 2018, 75, 2827-2841.	2.4	12
434	Plasma membrane perforation by GSDME during apoptosis-driven secondary necrosis. Cellular and Molecular Life Sciences, 2022, 79, 19.	2.4	12
435	The Î³ subunit of the rod photoreceptor cGMP phosphodiesterase can modulate the proteolysis of two cGMP binding cGMP-specific phosphodiesterases (PDE6 and PDE5) by caspase-3. Cellular Signalling, 2001, 13, 735-741.	1.7	11
436	Interaction of caspase-3 with the cyclic GMP binding cyclic GMP specific phosphodiesterase (PDE5a1). FEBS Journal, 2003, 270, 962-970.	0.2	11
437	Raman spectroscopy. Analytical and Bioanalytical Chemistry, 2010, 397, 2629-2630.	1.9	11
438	Brown diamonds from an eclogite xenolith from Udachnaya kimberlite, Yakutia, Russia. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 80, 41-48.	2.0	11
439	Development of a dedicated peptide tandem mass spectral library for conservation science. Analytica Chimica Acta, 2012, 728, 39-48.	2.6	11
440	Generation of a new Gateway-compatible inducible lentiviral vector platform allowing easy derivation of co-transduced cells. BioTechniques, 2016, 60, 252-259.	0.8	11
441	Mouse Strain-Dependent Difference Toward the Staphylococcus aureus Allergen Serine Protease-Like Protein D Reveals a Novel Regulator of IL-33. Frontiers in Immunology, 2020, 11, 582044.	2.2	11
442	Comparison of four mobile, nonâ€invasive diagnostic techniques for differentiating glass types in historical leaded windows: <scp>MAâ€XRF</scp>, <scp>UVâ€"Visâ€"NIR,</scp> Raman spectroscopy and <scp>IRT</scp>. X-Ray Spectrometry, 2021, 50, 293-309.	0.9	11
443	A Bcl-2 transgene expressed in hepatocytes does not protect mice from fulminant liver destruction induced by Fas ligand. Cytokine, 2003, 22, 62-70.	1.4	10
444	Monitoring the Presence of Humic Substances in Wool and Silk by the Use of Nondestructive Fluorescence Spectroscopy: Quality Control for 14C Dating of Wool and Silk. Radiocarbon, 2011, 53, 429-442.	0.8	10
445	First findings of monocrystalline aragonite inclusions in garnet from diamond-grade UHPM rocks (Kokchetav Massif, Northern Kazakhstan). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 80, 21-26.	2.0	10
446	Filaggrin Degradation by Caspase-14 Is Required for UVB Photoprotection but Does Not Influence Allergic Sensitization in a Mouse Model of Atopic Dermatitis. Journal of Investigative Dermatology, 2012, 132, 2857-2860.	0.3	10
447	Investigation of pigment degradation due to acetic acid vapours: Raman spectroscopic analysis. European Journal of Mineralogy, 2014, 25, 855-862.	0.4	10
448	Impact of myeloid RIPK1 gene deletion on atherogenesis in ApoE-deficient mice. Atherosclerosis, 2021, 322, 51-60.	0.4	10
449	An in-and-out-the-lab Raman spectroscopy study on street art murals from Reggio Emilia in Italy. European Physical Journal Plus, 2022, 137, 1.	1.2	10
450	Chapter 14 Pigment identification in illuminated manuscripts. Comprehensive Analytical Chemistry, 2004, , 635-662.	0.7	9

#	Article	IF	Citations
451	Introducing students to Raman spectroscopy. Analytical and Bioanalytical Chemistry, 2006, 385, 209-211.	1.9	9
452	Identification of Inorganic Pigments Used in Porcelain Cards Based on Fusing Raman and X-ray Fluorescence (XRF) Data. Applied Spectroscopy, 2011, 65, 1281-1290.	1.2	9
453	Evaluation of a spectral searching algorithm for the comparison of Raman band positions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 80, 27-31.	2.0	9
454	Raman spectroscopic study of â€œThe Malatestaâ€ A Renaissance painting?. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 137, 45-49.	2.0	9
455	Comparative study of the differential cell death protecting effect of various ROS scavengers. Biological Chemistry, 2019, 400, 149-160.	1.2	9
456	Ceramic Production in the Kur River Basin (Fars, Iran) During the Middle to Late Second Millennium <scp>bce</scp>: A Geochemical and Technological Characterization. Archaeometry, 2019, 61, 556-573.	0.6	9
457	First spectroscopic analysis of lead glazes of Belgian tile panels. Journal of Cultural Heritage, 2020, 41, 27-33.	1.5	9
458	Application of a handheld Raman spectrometer for the screening of colored secondary sulfates in abandoned mining areasâ€"The case of the SÃ£o Domingos Mine (Iberian Pyrite Belt). Journal of Raman Spectroscopy, 2020, 51, 1186-1199.	1.2	9
459	Characteristic ERK1/2 signaling dynamics distinguishes necroptosis from apoptosis. IScience, 2021, 24, 103074.	1.9	9
460	Gene cloning and structure - function relationship of cytokines such as TNF and interleukins. Immunology Letters, 1987, 16, 219-226.	1.1	8
461	Caspase-mediated cleavage of the exosome subunit PM/Scl-75 during apoptosis. Arthritis Research and Therapy, 2007, 9, R12.	1.6	8
462	Mitotic catastrophe as a prestage to necrosis in mouse liver cells treated with <i>Helicobacter pullorum</i> sonicates. Journal of Morphology, 2009, 270, 921-928.	0.6	8
463	Characterization of Roman glass tesserae from the Coriglia excavation site (Italy) via energy-dispersive X-ray fluorescence spectrometry and Raman spectroscopy. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	8
464	Contrasting confocal XRF with micro-SORS: a deep view within micrometric painted stratigraphy. Analytical Methods, 2018, 10, 3837-3844.	1.3	8
465	Comparison of the performance of two handheld XRF instruments in the study of Roman tesserae from CÃ¡stulo (Linares, Spain). European Physical Journal Plus, 2020, 135, 1.	1.2	8
466	An insight into the provenance of the Phoenician-Punic glass beads of the necropolis of Vinha das CaliÃ§as (Beja, Portugal). Archaeological and Anthropological Sciences, 2021, 13, 1.	0.7	8
467	Executioner caspases 3 and 7 are dispensable for intestinal epithelium turnover and homeostasis at steady state. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	8
468	GAL4 Is a Substrate for Caspases: Implications for Two-Hybrid Screening and Other GAL4-Based Assays. Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications, 1999, 1, 158-161.	1.7	7

#	Article	IF	Citations
469	Development of a nanofiltration method for bone collagen 14C AMS dating. Nuclear Instruments & Methods in Physics Research B, 2013, 294, 233-239.	0.6	7
470	An Archaeological Mystery Revealed by Radiocarbon Dating of Cross-Flow Nanofiltrated Amino Acids Derived from Bone Collagen, Silk, and Hair: Case Study of the Bishops Baldwin I and Radbot II from Noyon-Tournai. Radiocarbon, 2014, 56, 603-617.	0.8	7
471	Illustration of compositional variations over time of Chinese porcelain glazes combining micro-X-ray Fluorescence spectrometry, multivariate data analysis and Seger formulas. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2015, 103-104, 106-111.	1.5	7
472	Raman spectroscopic analysis of a â€˜ noli me tangere â€™ painting. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20160044.	1.6	7
473	Transfer Printing of Micron-Size Graphene for Photonic Integrated Circuits and Devices. ECS Journal of Solid State Science and Technology, 2017, 6, P435-P439.	0.9	7
474	Development of ceramic production in the Kur River Basin (Fars, Iran) during the Neolithic. A compositional and technological approach using X-ray fluorescence spectroscopy and thin section petrography. Archaeological and Anthropological Sciences, 2019, 11, 1241-1258.	0.7	7
475	Determining the provenance of the European glass beads of Lumbu (Mbanza Kongo, Angola). Microchemical Journal, 2020, 154, 104531.	2.3	7
476	TL1A regulates adipose-resident innate lymphoid immune responses and enables diet-induced obesity in mice. International Journal of Obesity, 2020, 44, 1062-1074.	1.6	7
477	In Vivo Immunosuppression Induced by a Weakly Mitogenic Antibody to Mouse CD3: Evidence That Induction of Long-Lasting in Vivo Unresponsiveness Requires TcR Signaling. Cellular Immunology, 1994, 157, 239-248.	1.4	6
478	Raman spectroscopic monitoring of Lactarius latex. Phytochemistry, 2006, 67, 2580-2589.	1.4	6
479	Reconstitution of protection against Aspergillus infection in chronic granulomatous disease (CGD). Blood, 2009, 114, 3497-3497.	0.6	6
480	Expression of Calciumâ€Sensing Receptor in Quail Granulosa Explants: A Key to Survival During Folliculogenesis. Anatomical Record, 2010, 293, 890-899.	0.8	6
481	Mobile Raman spectroscopy in astrobiology research. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2014, 372, 20140202.	1.6	6
482	Non-apoptotic role for caspase-7 in hair follicles and the surrounding tissue. Journal of Molecular Histology, 2015, 46, 443-455.	1.0	6
483	Heme Oxygenase Activity and Heme Binding in a Neonatal Mouse Model. Neonatology, 2017, 112, 376-383.	0.9	6
484	New Insights on Picassoâ€™s Blue Period Painting<i>La famille Soler</i>. Studies in Conservation, 2018, 63, 24-35.	0.6	6
485	In situ and laboratory analysis on the polychromy of the Ghent Pantheon cork model by Antonio Chichi. European Physical Journal Plus, 2019, 134, 1.	1.2	6
486	A Micro-Analytical Study of the Scarabs of the Necropolis of Vinha das CaliÃ§as (Portugal). Microscopy and Microanalysis, 2019, 25, 214-220.	0.2	6

#	Article	IF	Citations
487	Developing Macro-Raman Mapping as a Tool for Studying the Pigment Distribution of Art Objects. Analytical Chemistry, 2021, 93, 15390-15400.	3.2	6
488	<title>Round-robin comparison of temperature nonuniformity during RTP due to patterned layers</title>. , 1991, 1393, 372.		5
489	Archaeological investigations (archaeometry). Physical Sciences Reviews, 2018, 3, .	0.8	5
490	Nanoscopic X-ray imaging and quantification of the iron cellular architecture within single fibroblasts of Friedreich's ataxia patients. Journal of Synchrotron Radiation, 2020, 27, 185-198.	1.0	5
491	Gems and Gemmology. , 2020, , .		5
492	Advantages and pitfalls of the use of mobile Raman and XRF systems applied on cultural heritage objects in Tuscany (Italy). European Physical Journal Plus, 2021, 136, 1.	1.2	5
493	Plasma membrane permeabilization following cell death: many ways to dye!. Cell Death Discovery, 2021, 7, 183.	2.0	5
494	Novel Reporter for Faithful Monitoring of ERK2 Dynamics in Living Cells and Model Organisms. PLoS ONE, 2015, 10, e0140924.	1.1	5
495	Microâ€Raman spectroscopy on pigments of painted preâ€Islamic ceramics from the Kur River Basin (Fars) Tj ETQq1 1 0.784314 rgBT 1402-1414.	1.2	5
496	Archaeometry, an interdisciplinary approach. Analytical and Bioanalytical Chemistry, 2007, 387, 735-735.	1.9	4
497	Tortoiseshell or Polymer? Spectroscopic Analysis to Redefine a Purported Tortoiseshell Box with Gold Decorations as a Plastic Box with Brass. Applied Spectroscopy, 2016, 70, 68-75.	1.2	4
498	Lipids, funerals, gifts and feasts. Organic residue analysis on Merovingian ceramics from the Elversele burial field (Belgium). Journal of Archaeological Science: Reports, 2019, 24, 30-38.	0.2	4
499	Raman Spectroscopic Analysis of an Early 20th Century English Painted Organ Case by Temple Moore. Heritage, 2020, 3, 1148-1161.	0.9	4
500	Springtail coloration at a finer scale: mechanisms behind vibrant collembolan metallic colours. Journal of the Royal Society Interface, 2021, 18, 20210188.	1.5	4
501	In situ and microâ€Raman spectroscopy for the identification of natural Sicilian zeolites. Journal of Raman Spectroscopy, 2022, 53, 525-539.	1.2	4
502	Apoptotic Pathways and Their Regulation. , 2005, , 1-29.		3
503	Different Pathways Mediate Cytochrome c Release After Photodynamic Therapy with Hypericin. Photochemistry and Photobiology, 2007, 74, 133-142.	1.3	3
504	Use of Dendrograms of Slice Spectra as a New Graphical Tool for the Interpretation of Two-Dimensional Correlation Spectra. Applied Spectroscopy, 2009, 63, 73-80.	1.2	3

#	Article	IF	Citations
505	Cell Death in the Skin. , 0, , 323-332.		3
506	Methods to Study and Distinguish Necroptosis. , 2014, , 335-361.		3
507	Heating the house. An archaeological and archaeometrical investigation into the tile-stoves of late-medieval Flanders, Belgium (14â€“17th centuries). Post-Medieval Archaeology, 2015, 49, 291-312.	0.2	3
508	Pigment particles analysis with a total reflection X-ray fluorescence spectrometer: study of influence of instrumental parameters. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	3
509	First insights into the archaeometric analysis of the Los Amores Mosaic in CÃ¡stulo (Linares, Spain): the Judgement of Paris. Heritage Science, 2021, 9, .	1.0	3
510	Microâ€Raman spectroscopy for the analysis of materials found in rock art shelters in Piedra Parada valley, Chubut province, Argentinian Patagonia. Journal of Raman Spectroscopy, 2022, 53, 570-581.	1.2	3
511	The Influence of Facility Conditions on A Â±0.25 Â°C Repeatability Lamp Voltage Controlled RTP System. Materials Research Society Symposia Proceedings, 1997, 470, 181.	0.1	2
512	Authorsâ€™ reply:. American Journal of Kidney Diseases, 2000, 36, 665-668.	2.1	2
513	Study of the deposition and characterisation of a 5,10,15,20-tetrakis-(4-sulphonatophenyl)porphyrin Co(II) layer at gold surfaces in alkaline solution. Electrochimica Acta, 2005, 50, 4269-4274.	2.6	2
514	Necrosis: Molecular Mechanisms and Physiological Roles. , 2009, , 599-633.		2
515	Molecular Pathways of Different Types of Cell Death: Many Roads to Death. , 2009, , 3-31.		2
516	Contribution of ER Stress to Immunogenic Cancer Cell Death. , 2012, , 413-428.		2
517	ER Stress and Inflammation. , 2012, , 257-279.		2
518	Caspaseâ€14 overexpression in hairless mice is not involved in utricle formation. Experimental Dermatology, 2013, 22, 484-486.	1.4	2
519	Development and evaluation of a simple Raman spectral searching algorithm. European Physical Journal Plus, 2021, 136, 1.	1.2	2
520	Quality control of natural resins used in historical European lacquer reconstructions with some reflections on the composition of sandarac resin (Tetraclinis articulata (Vahl) Mast.). Journal of Analytical and Applied Pyrolysis, 2021, 158, 105159.	2.6	2
521	Evaluation of miniaturized Raman spectrometers for planetary exploration: From aromatics to amino acids. Icarus, 2021, 366, 114533.	1.1	2
522	Raman Spectroscopy: New Light on Ancient Artefacts. , 2007, , 341-347.		2

#	Article	IF	Citations
523	Micro-Raman spectroscopy applied to the investigation of art objects. , 2000, , .		1
524	MLKL Reveals Its Friendly Face: A Role in Nerve Regeneration. Molecular Cell, 2018, 72, 397-399.	4.5	1
525	Raman and infrared spectroscopy in conservation and restoration. , 2021, , 45-69.		1
526	Caspase-12. , 2013, , 2274-2280.		1
527	An Archaeological Mystery Revealed by Radiocarbon Dating of Cross-Flow Nanofiltrated Amino Acids Derived from Bone Collagen, Silk, and Hair: Case Study of the Bishops Baldwin I and Radbot II from Noyon-Tournai. Radiocarbon, 2014, 56, 603-617.	0.8	1
528	Applications of Raman spectroscopy in Cultural Heritage research. , 0, , 491-500.		1
529	Gem Analysis. , 2020, , 39-66.		1
530	Fast outdoor screening and discrimination of carotenoids of halophilic microorganisms using miniaturized Raman spectrometers. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 276, 121156.	2.0	1
531	MODULATION OF THE RELEASE OF CYTOKINES AND REDUCTION OF THE SHOCK SYNDROME INDUCED BY ANTI-CD3 MONOCLONAL ANTIBODY IN MICE BY INTERLEUKIN-10. Transplantation, 1994, 57, 1436-1439.	0.5	1
532	Raman spectroscopy of anhydrous and hydrated aluminum sulfates: Experience from burning coal heaps. Journal of Raman Spectroscopy, 2022, 53, 1959-1973.	1.2	1
533	Selective activation by tumour necrosis factor-Î± receptor subtypes of cytosolic phospholipase A2 in CrmA-expressing cells. Biochemical Society Transactions, 1999, 27, A112-A112.	1.6	0
534	Raman spectroscopy of modern art: classification and identification of Azo-pigments. , 2000, , .		0
535	Role Of Caspase-7 In Cigarette Smoke-Induced Inflammation In Mice. , 2011, , .		0
536	Chapter 12. Pigments and dyes. , 2012, , 345-360.		0
537	Chapter 2. Vibrational Spectroscopy: Theoretical Basis Relevant to Archaeometry and Archaeological Applications. , 2012, , 49-58.		0
538	Caspase-3 and Caspase-7. , 2013, , 2256-2265.		0
539	Walter Fiers (1931â€"2019). Cell, 2019, 179, 1241-1243.	13.5	0
540	Focus Point on Scientific Research in Conservation Science. European Physical Journal Plus, 2019, 134, 1.	1.2	0

#	Article	IF	Citations
541	Correction to: First insights into the archaeometric analysis of the Los Amores Mosaic in CÃ¡stulo (Linares, Spain): the Judgement of Paris. Heritage Science, 2021, 9, .	1.0	0
542	Abstract 4692: IAP inhibitors prime childhood leukemia cells to chemotherapy-induced apoptosis in a strictly RIP1-dependent manner and exert anti-leukemic activity in a NOD/SCID mouse model in vivo. , 2011, , .		0
543	Abstract 2278: Smac mimetic primes FADD- or caspase-8-deficient leukemia cells for TNFÎ±-induced necroptosis and overcomes apoptosis resistance. , 2012, , .		0
544	Abstract SY27-02: In vitro and in vivo regulation of regulated necrosis induced by TNF. , 2012, , .		0
545	Characterization of Roman glass tesserae from the Coriglia excavation site (Italy) via energy-dispersive X-ray fluorescence spectrometry and Raman spectroscopy. , 2017, , 35-45.		0
546	Nondestructive Raman investigation on wall paintings at Sala Vaccarini in Catania (Sicily). , 2017, , 259-268.		0
547	Pigment particles analysis with a total reflection X-ray fluorescence spectrometer: study of influence of instrumental parameters. , 2017, , 25-34.		0
548	LSC - 2019 - Role of necroptosis in the pathogenesis of COPD. , 2019, , .		0
549	COLLOIDAL SYNTHESIS OF FLUORESCENT MoX2 (X = S, Se) NANOSHEETS VIA A DESIGN OF EXPERIMENTS APPROACH. , 0, , .		0
550	Role of the kinase-dependent functions of RIPK1 in COPD. , 2020, , .		0
551	Colloidal Synthesis Of Fluorescent MoX2 (X = S, Se) Nanosheets Via a Design Of Experiments Approach. , 0, , .		0
552	A Unique Case of â€˜Counting Marksâ€™ Revealed by Tomography on a Middle Bronze Age Sword from Champagneux (France, Savoie). Acta Archaeologica, 2021, 92, 3-15.	0.3	0