

# Peter Vandenabeele

## List of Publications by Year in descending order

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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	Micro-Raman spectroscopy for the analysis of materials found in rock art shelters in Piedra Parada valley, Chubut province, Argentinian Patagonia. <i>Journal of Raman Spectroscopy</i> , 2022, 53, 570-581.	1.2	3
2	In situ and micro-Raman spectroscopy for the identification of natural Sicilian zeolites. <i>Journal of Raman Spectroscopy</i> , 2022, 53, 525-539.	1.2	4
3	<i>Bacillus anthracis</i> induces NLRP3 inflammasome activation and caspase-8-mediated apoptosis of macrophages to promote lethal anthrax. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	14
4	Executioner caspases 3 and 7 are dispensable for intestinal epithelium turnover and homeostasis at steady state. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	8
5	An in-and-out-the-lab Raman spectroscopy study on street art murals from Reggio Emilia in Italy. <i>European Physical Journal Plus</i> , 2022, 137, 1.	1.2	10
6	Fast outdoor screening and discrimination of carotenoids of halophilic microorganisms using miniaturized Raman spectrometers. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 276, 121156.	2.0	1
7	Viral manipulation of host cell necroptosis and pyroptosis. <i>Trends in Microbiology</i> , 2022, 30, 593-605.	3.5	28
8	Plasma membrane perforation by GSDME during apoptosis-driven secondary necrosis. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 19.	2.4	12
9	Micro-Raman spectroscopy on pigments of painted pre-Islamic ceramics from the Kur River Basin (Fars) Tj ETQq1 1 0.784314 rgBT 1402-1414.	1.2	5
10	Raman spectroscopy of anhydrous and hydrated aluminum sulfates: Experience from burning coal heaps. <i>Journal of Raman Spectroscopy</i> , 2022, 53, 1959-1973.	1.2	1
11	A TLR3 Ligand Reestablishes Chemotherapeutic Responses in the Context of FPR1 Deficiency. <i>Cancer Discovery</i> , 2021, 11, 408-423.	7.7	28
12	GSDME and its role in cancer: From behind the scenes to the front of the stage. <i>International Journal of Cancer</i> , 2021, 148, 2872-2883.	2.3	54
13	The intrinsic immunogenic properties of cancer cell lines, immunogenic cell death, and how these influence host antitumor immune responses. <i>Cell Death and Differentiation</i> , 2021, 28, 843-860.	5.0	61
14	Comparison of four mobile, non-invasive diagnostic techniques for differentiating glass types in historical leaded windows: MA-XRF, UV-Vis-NIR, Raman spectroscopy and IRT. <i>X-Ray Spectrometry</i> , 2021, 50, 293-309.	0.9	11
15	First insights into the archaeometric analysis of the Los Amores Mosaic in Cstulo (Linares, Spain): the Judgement of Paris. <i>Heritage Science</i> , 2021, 9, .	1.0	3
16	Raman and infrared spectroscopy in conservation and restoration. , 2021, , 45-69.		1
17	Correction to: First insights into the archaeometric analysis of the Los Amores Mosaic in Cstulo (Linares, Spain): the Judgement of Paris. <i>Heritage Science</i> , 2021, 9, .	1.0	0
18	Feather Gene Expression Elucidates the Developmental Basis of Plumage Iridescence in African Starlings. <i>Journal of Heredity</i> , 2021, 112, 417-429.	1.0	15

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19	Quantifying single-cell ERK dynamics in colorectal cancer organoids reveals EGFR as an amplifier of oncogenic MAPK pathway signalling. <i>Nature Cell Biology</i> , 2021, 23, 377-390.	4.6	71
20	Advantages and pitfalls of the use of mobile Raman and XRF systems applied on cultural heritage objects in Tuscany (Italy). <i>European Physical Journal Plus</i> , 2021, 136, 1.	1.2	5
21	Impact of myeloid RIPK1 gene deletion on atherogenesis in ApoE-deficient mice. <i>Atherosclerosis</i> , 2021, 322, 51-60.	0.4	10
22	Patients with COVID-19: in the dark-NETs of neutrophils. <i>Cell Death and Differentiation</i> , 2021, 28, 3125-3139.	5.0	189
23	MLKL in cancer: more than a necroptosis regulator. <i>Cell Death and Differentiation</i> , 2021, 28, 1757-1772.	5.0	61
24	Viral dosing of influenza A infection reveals involvement of RIPK3 and FADD, but not MLKL. <i>Cell Death and Disease</i> , 2021, 12, 471.	2.7	15
25	Distinct EH domains of the endocytic TPLATE complex confer lipid and protein binding. <i>Nature Communications</i> , 2021, 12, 3050.	5.8	23
26	In situ Raman spectroscopy for cultural heritage studies. <i>Journal of Raman Spectroscopy</i> , 2021, 52, 2178-2189.	1.2	28
27	Punching Holes in Cellular Membranes: Biology and Evolution of Gasdermins. <i>Trends in Cell Biology</i> , 2021, 31, 500-513.	3.6	78
28	Development and evaluation of a simple Raman spectral searching algorithm. <i>European Physical Journal Plus</i> , 2021, 136, 1.	1.2	2
29	Plasma membrane permeabilization following cell death: many ways to dye!. <i>Cell Death Discovery</i> , 2021, 7, 183.	2.0	5
30	Antioxidant and food additive BHA prevents TNF cytotoxicity by acting as a direct RIPK1 inhibitor. <i>Cell Death and Disease</i> , 2021, 12, 699.	2.7	16
31	Springtail coloration at a finer scale: mechanisms behind vibrant collembolan metallic colours. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20210188.	1.5	4
32	Microbes exploit death-induced nutrient release by gut epithelial cells. <i>Nature</i> , 2021, 596, 262-267.	13.7	44
33	ADAR1 interaction with Z-RNA promotes editing of endogenous double-stranded RNA and prevents MDA5-dependent immune activation. <i>Cell Reports</i> , 2021, 36, 109500.	2.9	65
34	An insight into the provenance of the Phoenician-Punic glass beads of the necropolis of Vinha das Cali�sas (Beja, Portugal). <i>Archaeological and Anthropological Sciences</i> , 2021, 13, 1.	0.7	8
35	RIPK1 or RIPK3 deletion prevents progressive neuronal cell death and improves memory function after traumatic brain injury. <i>Acta Neuropathologica Communications</i> , 2021, 9, 138.	2.4	27
36	Quality control of natural resins used in historical European lacquer reconstructions with some reflections on the composition of sandarac resin ( <i>Tetraclinis articulata</i> (Vahl) Mast.). <i>Journal of Analytical and Applied Pyrolysis</i> , 2021, 158, 105159.	2.6	2

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37	Necroptosis Signaling Promotes Inflammation, Airway Remodeling, and Emphysema in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 667-681.	2.5	85
38	Characteristic ERK1/2 signaling dynamics distinguishes necroptosis from apoptosis. <i>IScience</i> , 2021, 24, 103074.	1.9	9
39	Evaluation of miniaturized Raman spectrometers for planetary exploration: From aromatics to amino acids. <i>Icarus</i> , 2021, 366, 114533.	1.1	2
40	Synthesis of Colloidal WSe <sub>2</sub> Nanocrystals: Polymorphism Control by Precursor-Ligand Chemistry. <i>Crystal Growth and Design</i> , 2021, 21, 1451-1460.	1.4	15
41	XIAP restrains TNF-driven intestinal inflammation and dysbiosis by promoting innate immune responses of Paneth and dendritic cells. <i>Science Immunology</i> , 2021, 6, eabf7235.	5.6	17
42	Developing Macro-Raman Mapping as a Tool for Studying the Pigment Distribution of Art Objects. <i>Analytical Chemistry</i> , 2021, 93, 15390-15400.	3.2	6
43	A Unique Case of <sup>14</sup> C Counting Marks <sup>TM</sup> Revealed by Tomography on a Middle Bronze Age Sword from Champagneux (France, Savoie). <i>Acta Archaeologica</i> , 2021, 92, 3-15.	0.3	0
44	A comparative mobile Raman study for the on field analysis of the <i>Mosaico de los Amores</i> of the Cstulo Archaeological Site (Linares, Spain). <i>Journal of Raman Spectroscopy</i> , 2020, 51, 1913-1923.	1.2	17
45	Withaferin A: From ayurvedic folk medicine to preclinical anti-cancer drug. <i>Biochemical Pharmacology</i> , 2020, 173, 113602.	2.0	73
46	First spectroscopic analysis of lead glazes of Belgian tile panels. <i>Journal of Cultural Heritage</i> , 2020, 41, 27-33.	1.5	9
47	Nanosopic X-ray imaging and quantification of the iron cellular architecture within single fibroblasts of Friedreich's ataxia patients. <i>Journal of Synchrotron Radiation</i> , 2020, 27, 185-198.	1.0	5
48	Determining the provenance of the European glass beads of Lumbu (Mbanza Kongo, Angola). <i>Microchemical Journal</i> , 2020, 154, 104531.	2.3	7
49	Vitamin C controls neuronal necroptosis under oxidative stress. <i>Redox Biology</i> , 2020, 29, 101408.	3.9	28
50	Immunodominant AH1 Antigen-Deficient Necroptotic, but Not Apoptotic, Murine Cancer Cells Induce Antitumor Protection. <i>Journal of Immunology</i> , 2020, 204, 775-787.	0.4	33
51	Raman Spectroscopic Analysis of an Early 20th Century English Painted Organ Case by Temple Moore. <i>Heritage</i> , 2020, 3, 1148-1161.	0.9	4
52	Ionizing radiation results in a mixture of cellular outcomes including mitotic catastrophe, senescence, methuosis, and iron-dependent cell death. <i>Cell Death and Disease</i> , 2020, 11, 1003.	2.7	71
53	Identification of MYC as an antinecrototic protein that stifles RIPK1–RIPK3 complex formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 19982-19993.	3.3	17
54	Necroptosis in Immuno-Oncology and Cancer Immunotherapy. <i>Cells</i> , 2020, 9, 1823.	1.8	109

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55	An Apoptotic Caspase Network Safeguards Cell Death Induction in Pyroptotic Macrophages. <i>Cell Reports</i> , 2020, 32, 107959.	2.9	53
56	Evaluation of handheld and portable Raman spectrometers with different laser excitation wavelengths for the detection and characterization of organic minerals. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 243, 118818.	2.0	20
57	Mouse Strain-Dependent Difference Toward the <i>Staphylococcus aureus</i> Allergen Serine Protease-Like Protein D Reveals a Novel Regulator of IL-33. <i>Frontiers in Immunology</i> , 2020, 11, 582044.	2.2	11
58	Excessive phospholipid peroxidation distinguishes ferroptosis from other cell death modes including pyroptosis. <i>Cell Death and Disease</i> , 2020, 11, 922.	2.7	126
59	Sensing of endogenous nucleic acids by ZBP1 induces keratinocyte necroptosis and skin inflammation. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	71
60	Comparison of the performance of two handheld XRF instruments in the study of Roman tesserae from Cstulo (Linares, Spain). <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	8
61	Liquid-Phase Exfoliation of Rhenium Disulfide by Solubility Parameter Matching. <i>Langmuir</i> , 2020, 36, 15493-15500.	1.6	17
62	Beclin 1 functions as a negative modulator of MLKL oligomerisation by integrating into the necrosome complex. <i>Cell Death and Differentiation</i> , 2020, 27, 3065-3081.	5.0	19
63	SERS using two-photon polymerized nanostructures for mycotoxin detection. <i>RSC Advances</i> , 2020, 10, 14274-14282.	1.7	16
64	Gems and Gemmology. , 2020, , .		5
65	Application of a handheld Raman spectrometer for the screening of colored secondary sulfates in abandoned mining areasThe case of the So Domingos Mine (Iberian Pyrite Belt). <i>Journal of Raman Spectroscopy</i> , 2020, 51, 1186-1199.	1.2	9
66	TL1A regulates adipose-resident innate lymphoid immune responses and enables diet-induced obesity in mice. <i>International Journal of Obesity</i> , 2020, 44, 1062-1074.	1.6	7
67	Inhibitors Targeting RIPK1/RIPK3: Old and New Drugs. <i>Trends in Pharmacological Sciences</i> , 2020, 41, 209-224.	4.0	106
68	Consensus guidelines for the definition, detection and interpretation of immunogenic cell death. , 2020, 8, e000337.		610
69	Chemotherapy-induced ileal crypt apoptosis and the ileal microbiome shape immunosurveillance and prognosis of proximal colon cancer. <i>Nature Medicine</i> , 2020, 26, 919-931.	15.2	118
70	Gem Analysis. , 2020, , 39-66.		1
71	Role of the kinase-dependent functions of RIPK1 in COPD. , 2020, , .		0
72	The combined use of Raman and microX-ray diffraction analysis in the study of archaeological glass beads. <i>Journal of Raman Spectroscopy</i> , 2019, 50, 250-261.	1.2	17

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73	Comparative study of the differential cell death protecting effect of various ROS scavengers. <i>Biological Chemistry</i> , 2019, 400, 149-160.	1.2	9
74	The ubiquitin-editing enzyme A20 controls NK cell homeostasis through regulation of mTOR activity and TNF. <i>Journal of Experimental Medicine</i> , 2019, 216, 2010-2023.	4.2	15
75	In situ and laboratory analysis on the polychromy of the Ghent Pantheon cork model by Antonio Chichi. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	6
76	Delivery of Mixed-Lineage Kinase Domain-Like Protein by Vapor Nanobubble Photoporation Induces Necroptotic-Like Cell Death in Tumor Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4254.	1.8	23
77	A20 protects cells from TNF-induced apoptosis through linear ubiquitin-dependent and -independent mechanisms. <i>Cell Death and Disease</i> , 2019, 10, 692.	2.7	60
78	A Micro-Analytical Study of the Scarabs of the Necropolis of Vinha das Caliãs (Portugal). <i>Microscopy and Microanalysis</i> , 2019, 25, 214-220.	0.2	6
79	Multi-analytical approach to the study of the European glass beads found in the tombs of Kulumbimbi (Mbanza Kongo, Angola). <i>Microchemical Journal</i> , 2019, 149, 103990.	2.3	17
80	Targeting Ferroptosis to Iron Out Cancer. <i>Cancer Cell</i> , 2019, 35, 830-849.	7.7	1,385
81	Caspase-3 probes for PET imaging of apoptotic tumor response to anticancer therapy. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 4801-4824.	1.5	17
82	Serine 25 phosphorylation inhibits RIPK1 kinase-dependent cell death in models of infection and inflammation. <i>Nature Communications</i> , 2019, 10, 1729.	5.8	121
83	The molecular machinery of regulated cell death. <i>Cell Research</i> , 2019, 29, 347-364.	5.7	1,373
84	Ceramic Production in the Kur River Basin (Fars, Iran) During the Middle to Late Second Millennium <small>&lt;sc&gt;bce&lt;/sc&gt;</small> : A Geochemical and Technological Characterization. <i>Archaeometry</i> , 2019, 61, 556-573.	0.6	9
85	Survival of Single Positive Thymocytes Depends upon Developmental Control of RIPK1 Kinase Signaling by the IKK Complex Independent of NF- $\kappa$ B. <i>Immunity</i> , 2019, 50, 348-361.e4.	6.6	27
86	Blocking connexin43 hemichannels protects mice against tumour necrosis factor-induced inflammatory shock. <i>Scientific Reports</i> , 2019, 9, 16623.	1.6	24
87	Walter Fiers (1931–2019). <i>Cell</i> , 2019, 179, 1241-1243.	13.5	0
88	Focus Point on Scientific Research in Conservation Science. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	0
89	Lipids, funerals, gifts and feasts. Organic residue analysis on Merovingian ceramics from the Elversele burial field (Belgium). <i>Journal of Archaeological Science: Reports</i> , 2019, 24, 30-38.	0.2	4
90	To NET or not to NET: current opinions and state of the science regarding the formation of neutrophil extracellular traps. <i>Cell Death and Differentiation</i> , 2019, 26, 395-408.	5.0	295

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91	Intersections between Regulated Cell Death and Autophagy. <i>Trends in Cell Biology</i> , 2019, 29, 323-338.	3.6	83
92	Keratinocyte Expression of A20/TNFAIP3 Controls Skin Inflammation Associated with Atopic Dermatitis and Psoriasis. <i>Journal of Investigative Dermatology</i> , 2019, 139, 135-145.	0.3	42
93	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. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 1241-1258.	0.7	7
94	LSC - 2019 - Role of necroptosis in the pathogenesis of COPD. , 2019, , .		0
95	Nuclear RIPK3 and MLKL contribute to cytosolic necrosome formation and necroptosis. <i>Communications Biology</i> , 2018, 1, 6.	2.0	111
96	Ubiquitin-Mediated Regulation of RIPK1 Kinase Activity Independent of IKK and MK2. <i>Molecular Cell</i> , 2018, 69, 566-580.e5.	4.5	102
97	Noninvasive Whole-Body Imaging of Phosphatidylethanolamine as a Cell Death Marker Using <sup>99m</sup> Tc-Duramycin During TNF-Induced SIRS. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1140-1145.	2.8	18
98	Tozasertib Analogues as Inhibitors of Necroptotic Cell Death. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 1895-1920.	2.9	32
99	RIPK1-dependent cell death: a novel target of the Aurora kinase inhibitor Tozasertib (VX-680). <i>Cell Death and Disease</i> , 2018, 9, 211.	2.7	36
100	RIPK4 activity in keratinocytes is controlled by the SCF <sup>β2</sup> -TrCP ubiquitin ligase to maintain cortical actin organization. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 2827-2841.	2.4	12
101	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018, 25, 486-541.	5.0	4,036
102	Keratinocyte-Specific Ablation of RIPK4 Allows Epidermal Cornification but Impairs Skin Barrier Formation. <i>Journal of Investigative Dermatology</i> , 2018, 138, 1268-1278.	0.3	14
103	Multi-analytical study of ceramic pigments application in the study of Iron Age decorated pottery from SW Iberia. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018, 118, 262-274.	2.5	17
104	The IL-33/ST2 axis is crucial in type 2 airway responses induced by <i>Staphylococcus aureus</i> -derived serine protease-like protein D. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 549-559.e7.	1.5	109
105	New Insights on Picasso's Blue Period Painting <i>La famille Soler</i> . <i>Studies in Conservation</i> , 2018, 63, 24-35.	0.6	6
106	Therapeutic Targeting of Connexin Channels: New Views and Challenges. <i>Trends in Molecular Medicine</i> , 2018, 24, 1036-1053.	3.5	71
107	Apoptosis of intestinal epithelial cells restricts <i>Clostridium difficile</i> infection in a model of pseudomembranous colitis. <i>Nature Communications</i> , 2018, 9, 4846.	5.8	53
108	Macrophages regulate the clearance of living cells by calreticulin. <i>Nature Communications</i> , 2018, 9, 4644.	5.8	50

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109	Discovery of Novel, Drug-Like Ferroptosis Inhibitors with in Vivo Efficacy. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 10126-10140.	2.9	80
110	MLKL Reveals Its Friendly Face: A Role in Nerve Regeneration. <i>Molecular Cell</i> , 2018, 72, 397-399.	4.5	1
111	Nano-targeted induction of dual ferroptotic mechanisms eradicates high-risk neuroblastoma. <i>Journal of Clinical Investigation</i> , 2018, 128, 3341-3355.	3.9	406
112	On-field Raman spectroscopy of Patagonian prehistoric rock art: Pigments, alteration products and substrata. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 105, 338-351.	5.8	33
113	The Transcription Factor ZEB2 Is Required to Maintain the Tissue-Specific Identities of Macrophages. <i>Immunity</i> , 2018, 49, 312-325.e5.	6.6	172
114	Archaeological investigations (archaeometry). <i>Physical Sciences Reviews</i> , 2018, 3, .	0.8	5
115	N-glycosylation of mouse TRAIL-R restrains TRAIL-induced apoptosis. <i>Cell Death and Disease</i> , 2018, 9, 494.	2.7	13
116	Treatment with mRNA coding for the necroptosis mediator MLKL induces antitumor immunity directed against neo-epitopes. <i>Nature Communications</i> , 2018, 9, 3417.	5.8	87
117	Contrasting confocal XRF with micro-SORS: a deep view within micrometric painted stratigraphy. <i>Analytical Methods</i> , 2018, 10, 3837-3844.	1.3	8
118	Nanoscope X-ray fluorescence imaging and quantification of intracellular key-elements in cryofrozen Friedreich's ataxia fibroblasts. <i>PLoS ONE</i> , 2018, 13, e0190495.	1.1	17
119	Glucocorticoid receptor dimers control intestinal STAT1 and TNF-induced inflammation in mice. <i>Journal of Clinical Investigation</i> , 2018, 128, 3265-3279.	3.9	52
120	RIPK1 protects hepatocytes from Kupffer cells-mediated TNF-induced apoptosis in mouse models of PAMP-induced hepatitis. <i>Journal of Hepatology</i> , 2017, 66, 1205-1213.	1.8	48
121	The first use of portable Raman instrumentation for the in situ study of prehistoric rock paintings in Patagonian sites. <i>Journal of Raman Spectroscopy</i> , 2017, 48, 1459-1467.	1.2	26
122	Micro-Raman spectroscopy and complementary techniques (hXRF, VP-SEM-EDS, $^{13}\text{C}$ -FTIR and Py-GC/MS) applied to the study of beads from the Kongo Kingdom (Democratic Republic of the Congo). <i>Journal of Raman Spectroscopy</i> , 2017, 48, 1468-1478.	1.2	36
123	Initiation and execution mechanisms of necroptosis: an overview. <i>Cell Death and Differentiation</i> , 2017, 24, 1184-1195.	5.0	404
124	When PERK inhibitors turn out to be new potent RIPK1 inhibitors: critical issues on the specificity and use of GSK2606414 and GSK2656157. <i>Cell Death and Differentiation</i> , 2017, 24, 1100-1110.	5.0	149
125	Transfer Printing of Micron-Size Graphene for Photonic Integrated Circuits and Devices. <i>ECS Journal of Solid State Science and Technology</i> , 2017, 6, P435-P439.	0.9	7
126	On the stability of mediaeval inorganic pigments: a literature review of the effect of climate, material selection, biological activity, analysis and conservation treatments. <i>Heritage Science</i> , 2017, 5, .	1.0	112



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127	Heme Oxygenase Activity and Heme Binding in a Neonatal Mouse Model. <i>Neonatology</i> , 2017, 112, 376-383.	0.9	6
128	Necroptotic cell death in anti-cancer therapy. <i>Immunological Reviews</i> , 2017, 280, 207-219.	2.8	126
129	Development of defocusing micro-SORS mapping: a study of a 19 <sup>th</sup> century porcelain card. <i>Analytical Methods</i> , 2017, 9, 6435-6442.	1.3	14
130	MK2 phosphorylation of RIPK1 regulates TNF-mediated cell death. <i>Nature Cell Biology</i> , 2017, 19, 1237-1247.	4.6	159
131	RIPK1 protects hepatocytes from death in Fas-induced hepatitis. <i>Scientific Reports</i> , 2017, 7, 9205.	1.6	12
132	Necroptosis: (Last) Message in a Bubble. <i>Immunity</i> , 2017, 47, 1-3.	6.6	14
133	Sibiriline, a new small chemical inhibitor of receptor-interacting protein kinase 1, prevents immune-dependent hepatitis. <i>FEBS Journal</i> , 2017, 284, 3050-3068.	2.2	23
134	Comparison of seven portable Raman spectrometers: beryl as a case study. <i>Journal of Raman Spectroscopy</i> , 2017, 48, 1289-1299.	1.2	58
135	Development of a Fiber-Optics Microspatially Offset Raman Spectroscopy Sensor for Probing Layered Materials. <i>Analytical Chemistry</i> , 2017, 89, 9218-9223.	3.2	17
136	Sorafenib tosylate inhibits directly necrosome complex formation and protects in mouse models of inflammation and tissue injury. <i>Cell Death and Disease</i> , 2017, 8, e2904-e2904.	2.7	69
137	Elevated $^{63}\text{Ni}$ Levels Facilitate Epidermal and Biliary Oncogenic Transformation. <i>Journal of Investigative Dermatology</i> , 2017, 137, 494-505.	0.3	25
138	How do we fit ferroptosis in the family of regulated cell death?. <i>Cell Death and Differentiation</i> , 2017, 24, 1991-1998.	5.0	107
139	Sorafenib inhibits therapeutic induction of necroptosis in acute leukemia cells. <i>Oncotarget</i> , 2017, 8, 68208-68220.	0.8	25
140	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
141	Nondestructive Raman investigation on wall paintings at Sala Vaccarini in Catania (Sicily). , 2017, , 259-268.		0
142	Pigment particles analysis with a total reflection X-ray fluorescence spectrometer: study of influence of instrumental parameters. , 2017, , 25-34.		0
143	The pseudokinase MLKL mediates programmed hepatocellular necrosis independently of RIPK3 during hepatitis. <i>Journal of Clinical Investigation</i> , 2016, 126, 4346-4360.	3.9	130
144	Generation of a new Gateway-compatible inducible lentiviral vector platform allowing easy derivation of co-transduced cells. <i>BioTechniques</i> , 2016, 60, 252-259.	0.8	11

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145	Raman spectroscopy of green minerals and reaction products with an application in Cultural Heritage research. <i>Journal of Raman Spectroscopy</i> , 2016, 47, 1429-1443.	1.2	50
146	An evolutionary perspective on the necroptotic pathway. <i>Trends in Cell Biology</i> , 2016, 26, 721-732.	3.6	137
147	Characterization of Roman glass tesserae from the Coriglia excavation site (Italy) via energy-dispersive X-ray fluorescence spectrometry and Raman spectroscopy. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	1.1	8
148	Raman spectroscopy in art and archaeology. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20160052.	1.6	16
149	Boosting Apoptotic Cell Clearance by Colonic Epithelial Cells Attenuates Inflammation In Vivo. <i>Immunity</i> , 2016, 44, 807-820.	6.6	96
150	Vaccination with Necroptotic Cancer Cells Induces Efficient Anti-tumor Immunity. <i>Cell Reports</i> , 2016, 15, 274-287.	2.9	317
151	New insight on the underdrawing of 16th Flemish-Portuguese easel paintings by combined surface analysis and microanalytical techniques. <i>Micron</i> , 2016, 85, 15-25.	1.1	15
152	Non-invasive methodology for the identification of plastic pieces in museum environment – a novel approach. <i>Microchemical Journal</i> , 2016, 124, 846-855.	2.3	13
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