

Peter Vandenabeele

List of Publications by Year in Descending Order

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

538
papers

55,146
citations

109
h-index

224
g-index

571
ext. papers

64,147
ext. citations

8
avg, IF

7.74
L-index

#	Paper	IF	Citations
538	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	3.1	2
537	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	4.4	0
536	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	28	3
535	Developing Macro-Raman Mapping as a Tool for Studying the Pigment Distribution of Art Objects. <i>Analytical Chemistry</i> , 2021 , 93, 15390-15400	7.8	1
534	Feather Gene Expression Elucidates the Developmental Basis of Plumage Iridescence in African Starlings. <i>Journal of Heredity</i> , 2021 , 112, 417-429	2.4	3
533	Portable Spectroscopy for On-Site and In Situ Archaeology Studies 2021 , 523-544		1
532	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	23.4	24
531	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	3.1	2
530	Impact of myeloid RIPK1 gene deletion on atherogenesis in ApoE-deficient mice. <i>Atherosclerosis</i> , 2021 , 322, 51-60	3.1	5
529	Patients with COVID-19: in the dark-NETs of neutrophils. <i>Cell Death and Differentiation</i> , 2021 , 28, 3125-3139	12.9	61
528	MLKL in cancer: more than a necroptosis regulator. <i>Cell Death and Differentiation</i> , 2021 , 28, 1757-1772	12.7	12
527	Viral dosing of influenza A infection reveals involvement of RIPK3 and FADD, but not MLKL. <i>Cell Death and Disease</i> , 2021 , 12, 471	9.8	3
526	Distinct EH domains of the endocytic TPLATE complex confer lipid and protein binding. <i>Nature Communications</i> , 2021 , 12, 3050	17.4	7
525	Punching Holes in Cellular Membranes: Biology and Evolution of Gasdermins. <i>Trends in Cell Biology</i> , 2021 , 31, 500-513	18.3	25
524	Development and evaluation of a simple Raman spectral searching algorithm. <i>European Physical Journal Plus</i> , 2021 , 136, 1	3.1	1
523	Plasma membrane permeabilization following cell death: many ways to dye!. <i>Cell Death Discovery</i> , 2021 , 7, 183	6.9	2
522	Antioxidant and food additive BHA prevents TNF cytotoxicity by acting as a direct RIPK1 inhibitor. <i>Cell Death and Disease</i> , 2021 , 12, 699	9.8	2

521	A TLR3 Ligand Reestablishes Chemotherapeutic Responses in the Context of FPR1 Deficiency. <i>Cancer Discovery</i> , 2021 , 11, 408-423	24.4	12
520	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	7.5	16
519	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	12.7	20
518	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	6
517	First insights into the archaeometric analysis of the Los Amores Mosaic in Cástulo (Linares, Spain): the Judgement of Paris. <i>Heritage Science</i> , 2021 , 9,	2.5	2
516	Raman and infrared spectroscopy in conservation and restoration 2021 , 45-69		0
515	Springtail coloration at a finer scale: mechanisms behind vibrant collembolan metallic colours. <i>Journal of the Royal Society Interface</i> , 2021 , 18, 20210188	4.1	1
514	Microbes exploit death-induced nutrient release by gut epithelial cells. <i>Nature</i> , 2021 , 596, 262-267	50.4	7
513	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	10.6	9
512	An insight into the provenance of the Phoenician-Punic glass beads of the necropolis of Vinha das Caliãs (Beja, Portugal). <i>Archaeological and Anthropological Sciences</i> , 2021 , 13, 1	1.8	1
511	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	7.3	3
510	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	6	
509	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	10.2	15
508	Characteristic ERK1/2 signaling dynamics distinguishes necroptosis from apoptosis. <i>IScience</i> , 2021 , 24, 103074	6.1	1
507	Evaluation of miniaturized Raman spectrometers for planetary exploration: From aromatics to amino acids. <i>Icarus</i> , 2021 , 366, 114533	3.8	0
506	Synthesis of Colloidal WSe ₂ Nanocrystals: Polymorphism Control by Precursor-Ligand Chemistry. <i>Crystal Growth and Design</i> , 2021 , 21, 1451-1460	3.5	4
505	Viral manipulation of host cell necroptosis and pyroptosis.. <i>Trends in Microbiology</i> , 2021 ,	12.4	2
504	Plasma membrane perforation by GSDME during apoptosis-driven secondary necrosis.. <i>Cellular and Molecular Life Sciences</i> , 2021 , 79, 19	10.3	2

503	A Unique Case of Counting Marks Revealed by Tomography on a Middle Bronze Age Sword from Champagneux (France, Savoie). <i>Acta Archaeologica</i> , 2021 , 92, 3-15	0.5	
502	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	12.7	7
501	SERS using two-photon polymerized nanostructures for mycotoxin detection.. <i>RSC Advances</i> , 2020 , 10, 14274-14282	3.7	10
500	Gems and Gemmology 2020 ,		2
499	Application of a handheld Raman spectrometer for the screening of colored secondary sulfates in abandoned mining areas—the case of the São Domingos Mine (Iberian Pyrite Belt). <i>Journal of Raman Spectroscopy</i> , 2020 , 51, 1186-1199	2.3	5
498	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	5.5	3
497	Inhibitors Targeting RIPK1/RIPK3: Old and New Drugs. <i>Trends in Pharmacological Sciences</i> , 2020 , 41, 209-224	3.4	43
496	Consensus guidelines for the definition, detection and interpretation of immunogenic cell death 2020 , 8,		233
495	Gem Analysis 2020 , 39-66		
494	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	50.5	55
493	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	2.4	2
492	Determining the provenance of the European glass beads of Lumbu (Mbanza Kongo, Angola). <i>Microchemical Journal</i> , 2020 , 154, 104531	4.8	4
491	Vitamin C controls neuronal necroptosis under oxidative stress. <i>Redox Biology</i> , 2020 , 29, 101408	11.3	10
490	Immunodominant AH1 Antigen-Deficient Necroptotic, but Not Apoptotic, Murine Cancer Cells Induce Antitumor Protection. <i>Journal of Immunology</i> , 2020 , 204, 775-787	5.3	19
489	Raman Spectroscopic Analysis of an Early 20th Century English Painted Organ Case by Temple Moore. <i>Heritage</i> , 2020 , 3, 1148-1161	1.6	2
488	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	9.8	27
487	Identification of MYC as an antinecrotic 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	11.5	4
486	Necroptosis in Immuno-Oncology and Cancer Immunotherapy. <i>Cells</i> , 2020 , 9,	7.9	25

485	An Apoptotic Caspase Network Safeguards Cell Death Induction in Pyroptotic Macrophages. <i>Cell Reports</i> , 2020 , 32, 107959	10.6	22
484	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	4.4	5
483	Mouse Strain-Dependent Difference Toward the Allergen Serine Protease-Like Protein D Reveals a Novel Regulator of IL-33. <i>Frontiers in Immunology</i> , 2020 , 11, 582044	8.4	3
482	Excessive phospholipid peroxidation distinguishes ferroptosis from other cell death modes including pyroptosis. <i>Cell Death and Disease</i> , 2020 , 11, 922	9.8	30
481	Sensing of endogenous nucleic acids by ZBP1 induces keratinocyte necroptosis and skin inflammation. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	34
480	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	3.1	5
479	Liquid-Phase Exfoliation of Rhenium Disulfide by Solubility Parameter Matching. <i>Langmuir</i> , 2020 , 36, 15493-15500	4	4
478	A comparative mobile Raman study for the on field analysis of the Mosaico de los Amores of the C�stulo Archaeological Site (Linares, Spain). <i>Journal of Raman Spectroscopy</i> , 2020 , 51, 1913-1923	2.3	14
477	Withaferin A: From ayurvedic folk medicine to preclinical anti-cancer drug. <i>Biochemical Pharmacology</i> , 2020 , 173, 113602	6	42
476	First spectroscopic analysis of lead glazes of Belgian tile panels. <i>Journal of Cultural Heritage</i> , 2020 , 41, 27-33	2.9	3
475	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	3.1	6
474	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,	6.3	15
473	A20 protects cells from TNF-induced apoptosis through linear ubiquitin-dependent and -independent mechanisms. <i>Cell Death and Disease</i> , 2019 , 10, 692	9.8	31
472	A Micro-Analytical Study of the Scarabs of the Necropolis of Vinha das Cali�s (Portugal). <i>Microscopy and Microanalysis</i> , 2019 , 25, 214-220	0.5	3
471	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	4.8	12
470	Targeting Ferroptosis to Iron Out Cancer. <i>Cancer Cell</i> , 2019 , 35, 830-849	24.3	569
469	Caspase-3 probes for PET imaging of apoptotic tumor response to anticancer therapy. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 4801-4824	3.9	13
468	Serine 25 phosphorylation inhibits RIPK1 kinase-dependent cell death in models of infection and inflammation. <i>Nature Communications</i> , 2019 , 10, 1729	17.4	69

467	The molecular machinery of regulated cell death. <i>Cell Research</i> , 2019 , 29, 347-364	24.7	583
466	Ceramic Production in the Kur River Basin (Fars, Iran) During the Middle to Late Second Millennium bce: A Geochemical and Technological Characterization. <i>Archaeometry</i> , 2019 , 61, 556-573	1.6	1
465	Survival of Single Positive Thymocytes Depends upon Developmental Control of RIPK1 Kinase Signaling by the IKK Complex Independent of NF- κ B. <i>Immunity</i> , 2019 , 50, 348-361.e4	32.3	13
464	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	2.3	8
463	Comparative study of the differential cell death protecting effect of various ROS scavengers. <i>Biological Chemistry</i> , 2019 , 400, 149-160	4.5	4
462	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	16.6	11
461	Blocking connexin43 hemichannels protects mice against tumour necrosis factor-induced inflammatory shock. <i>Scientific Reports</i> , 2019 , 9, 16623	4.9	14
460	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	0.7	2
459	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	12.7	185
458	Intersections between Regulated Cell Death and Autophagy. <i>Trends in Cell Biology</i> , 2019 , 29, 323-338	18.3	56
457	Keratinocyte Expression of A20/TNFAIP3 Controls Skin Inflammation Associated with Atopic Dermatitis and Psoriasis. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 135-145	4.3	25
456	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	1.8	4
455	Nuclear RIPK3 and MLKL contribute to cytosolic necrosome formation and necroptosis. <i>Communications Biology</i> , 2018 , 1, 6	6.7	63
454	Ubiquitin-Mediated Regulation of RIPK1 Kinase Activity Independent of IKK and MK2. <i>Molecular Cell</i> , 2018 , 69, 566-580.e5	17.6	61
453	Noninvasive Whole-Body Imaging of Phosphatidylethanolamine as a Cell Death Marker Using Tc-Duramycin During TNF-Induced SIRS. <i>Journal of Nuclear Medicine</i> , 2018 , 59, 1140-1145	8.9	14
452	Tozasertib Analogues as Inhibitors of Necroptotic Cell Death. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 1895-1920	8.3	19
451	RIPK1-dependent cell death: a novel target of the Aurora kinase inhibitor Tozasertib (VX-680). <i>Cell Death and Disease</i> , 2018 , 9, 211	9.8	16
450	RIPK4 activity in keratinocytes is controlled by the SCF ubiquitin ligase to maintain cortical actin organization. <i>Cellular and Molecular Life Sciences</i> , 2018 , 75, 2827-2841	10.3	8

449	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018 , 25, 486-541	12.7	2160
448	Keratinocyte-Specific Ablation of RIPK4 Allows Epidermal Cornification but Impairs Skin Barrier Formation. <i>Journal of Investigative Dermatology</i> , 2018 , 138, 1268-1278	4.3	11
447	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	4.6	7
446	The IL-33/ST2 axis is crucial in type 2 airway responses induced by Staphylococcus aureus-derived serine protease-like protein D. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 549-559.e7	11.5	73
445	New Insights on Picasso's Blue Period Painting La famille Soler. <i>Studies in Conservation</i> , 2018 , 63, 24-35	0.6	4
444	The Transcription Factor ZEB2 Is Required to Maintain the Tissue-Specific Identities of Macrophages. <i>Immunity</i> , 2018 , 49, 312-325.e5	32.3	110
443	Archaeological investigations (archaeometry). <i>Physical Sciences Reviews</i> , 2018 , 3,	1.4	5
442	N-glycosylation of mouse TRAIL-R restrains TRAIL-induced apoptosis. <i>Cell Death and Disease</i> , 2018 , 9, 494	9.8	9
441	Treatment with mRNA coding for the necroptosis mediator MLKL induces antitumor immunity directed against neo-epitopes. <i>Nature Communications</i> , 2018 , 9, 3417	17.4	53
440	Contrasting confocal XRF with micro-SORS: a deep view within micrometric painted stratigraphy. <i>Analytical Methods</i> , 2018 , 10, 3837-3844	3.2	6
439	Nanoscope X-ray fluorescence imaging and quantification of intracellular key-elements in cryofrozen Friedreich's ataxia fibroblasts. <i>PLoS ONE</i> , 2018 , 13, e0190495	3.7	14
438	Glucocorticoid receptor dimers control intestinal STAT1 and TNF-induced inflammation in mice. <i>Journal of Clinical Investigation</i> , 2018 , 128, 3265-3279	15.9	40
437	Therapeutic Targeting of Connexin Channels: New Views and Challenges. <i>Trends in Molecular Medicine</i> , 2018 , 24, 1036-1053	11.5	45
436	Apoptosis of intestinal epithelial cells restricts Clostridium difficile infection in a model of pseudomembranous colitis. <i>Nature Communications</i> , 2018 , 9, 4846	17.4	30
435	Macrophages regulate the clearance of living cells by calreticulin. <i>Nature Communications</i> , 2018 , 9, 4644	17.4	28
434	Discovery of Novel, Drug-Like Ferroptosis Inhibitors with in Vivo Efficacy. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 10126-10140	8.3	33
433	MLKL Reveals Its Friendly Face: A Role in Nerve Regeneration. <i>Molecular Cell</i> , 2018 , 72, 397-399	17.6	1
432	Nano-targeted induction of dual ferroptotic mechanisms eradicates high-risk neuroblastoma. <i>Journal of Clinical Investigation</i> , 2018 , 128, 3341-3355	15.9	215

431	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	14.6	21
430	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	13.4	30
429	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	2.3	22
428	Micro-Raman spectroscopy and complementary techniques (hXRF, VP-SEM-EDS, 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	2.3	30
427	Initiation and execution mechanisms of necroptosis: an overview. <i>Cell Death and Differentiation</i> , 2017 , 24, 1184-1195	12.7	235
426	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	12.7	102
425	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	2	6
424	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,	2.5	74
423	Heme Oxygenase Activity and Heme Binding in a Neonatal Mouse Model. <i>Neonatology</i> , 2017 , 112, 376-383	3	5
422	Necroptotic cell death in anti-cancer therapy. <i>Immunological Reviews</i> , 2017 , 280, 207-219	11.3	87
421	Development of defocusing micro-SORS mapping: a study of a 19th century porcelain card. <i>Analytical Methods</i> , 2017 , 9, 6435-6442	3.2	14
420	MK2 phosphorylation of RIPK1 regulates TNF-mediated cell death. <i>Nature Cell Biology</i> , 2017 , 19, 1237-1244	13.4	108
419	RIPK1 protects hepatocytes from death in Fas-induced hepatitis. <i>Scientific Reports</i> , 2017 , 7, 9205	4.9	8
418	Necroptosis: (Last) Message in a Bubble. <i>Immunity</i> , 2017 , 47, 1-3	32.3	10
417	Sibiriline, a new small chemical inhibitor of receptor-interacting protein kinase 1, prevents immune-dependent hepatitis. <i>FEBS Journal</i> , 2017 , 284, 3050-3068	5.7	13
416	Comparison of seven portable Raman spectrometers: beryl as a case study. <i>Journal of Raman Spectroscopy</i> , 2017 , 48, 1289-1299	2.3	44
415	Development of a Fiber-Optics Microspatially Offset Raman Spectroscopy Sensor for Probing Layered Materials. <i>Analytical Chemistry</i> , 2017 , 89, 9218-9223	7.8	17
414	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	9.8	47

413	Elevated p63 Levels Facilitate Epidermal and Biliary Oncogenic Transformation. <i>Journal of Investigative Dermatology</i> , 2017 , 137, 494-505	4.3	15
412	Sorafenib inhibits therapeutic induction of necroptosis in acute leukemia cells. <i>Oncotarget</i> , 2017 , 8, 68208-68220	3.5	29
411	How do we fit ferroptosis in the family of regulated cell death?. <i>Cell Death and Differentiation</i> , 2017 , 24, 1991-1998	12.7	62
410	Characterization of Roman glass tesserae from the Coriglia excavation site (Italy) via energy-dispersive X-ray fluorescence spectrometry and Raman spectroscopy 2017 , 35-45		
409	Nondestructive Raman investigation on wall paintings at Sala Vaccarini in Catania (Sicily) 2017 , 259-268		
408	Pigment particles analysis with a total reflection X-ray fluorescence spectrometer: study of influence of instrumental parameters 2017 , 25-34		
407	Heterogeneity of the gut microbiome in mice: guidelines for optimizing experimental design. <i>FEMS Microbiology Reviews</i> , 2016 , 40, 117-32	15.1	217
406	Nondestructive Raman investigation on wall paintings at Sala Vaccarini in Catania (Sicily). <i>Applied Physics A: Materials Science and Processing</i> , 2016 , 122, 1	2.6	13
405	Analysis of pre-Islamic ceramics from the Kur River Basin (Fars, Iran) using handheld X-ray fluorescence spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2016 , 123, 150-156	3.1	10
404	Immunogenic Apoptotic Cell Death and Anticancer Immunity. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 930, 133-49	3.6	60
403	A real-time fluorometric method for the simultaneous detection of cell death type and rate. <i>Nature Protocols</i> , 2016 , 11, 1444-54	18.8	31
402	RIPK1 protects from TNF-mediated liver damage during hepatitis. <i>Cell Death and Disease</i> , 2016 , 7, e24628	2.8	49
401	In situ Raman mapping of art objects. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016 , 374,	3	17
400	Raman spectroscopic analysis of a 'noli me tangere' painting. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016 , 374,	3	6
399	Raman Investigation of Precious Jewelry Collections Preserved in Paolo Orsi Regional Museum (Siracusa, Sicily) Using Portable Equipment. <i>Applied Spectroscopy</i> , 2016 , 70, 1420-31	3.1	14
398	Methodological evolutions of Raman spectroscopy in art and archaeology. <i>Analytical Methods</i> , 2016 , 8, 8395-8409	3.2	54
397	Raman Spectroscopy and the Study of Ceramic Manufacture 2016 , 530-543		
396	Pigment particles analysis with a total reflection X-ray fluorescence spectrometer: study of influence of instrumental parameters. <i>Applied Physics A: Materials Science and Processing</i> , 2016 , 122, 1	2.6	3

395	Necroptosis: A Novel Cell Death Modality and Its Potential Relevance for Critical Care Medicine. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 415-28	10.2	56
394	Micro-Raman spectroscopy on Iberian archaeological materials. <i>Journal of Raman Spectroscopy</i> , 2016 , 47, 1514-1521	2.3	10
393	Combined Spectroscopic Analysis of Beads from the Tombs of Kindoki, Lower Congo Province (Democratic Republic of the Congo). <i>Applied Spectroscopy</i> , 2016 , 70, 76-93	3.1	28
392	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
391	Regulated necrosis: disease relevance and therapeutic opportunities. <i>Nature Reviews Drug Discovery</i> , 2016 , 15, 348-66	64.1	341
390	Mobile Spectroscopic Instrumentation in Archaeometry Research. <i>Applied Spectroscopy</i> , 2016 , 70, 27-41	3.1	65
389	CHIP controls necroptosis through ubiquitylation- and lysosome-dependent degradation of RIPK3. <i>Nature Cell Biology</i> , 2016 , 18, 291-302	23.4	93
388	Cigarette smoke-induced necroptosis and DAMP release trigger neutrophilic airway inflammation in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016 , 310, L377-86	5.8	92
387	Tortoiseshell or Polymer? Spectroscopic Analysis to Redefine a Purported Tortoiseshell Box with Gold Decorations as a Plastic Box with Brass. <i>Applied Spectroscopy</i> , 2016 , 70, 68-75	3.1	2
386	Evaluation of portable Raman spectroscopy and handheld X-ray fluorescence analysis (hXRF) for the direct analysis of glyptics. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016 , 157, 146-152	4.4	19
385	Novel Ferroptosis Inhibitors with Improved Potency and ADME Properties. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 2041-53	8.3	54
384	Tumor necrosis factor receptor 2-signaling in CD133-expressing cells in renal clear cell carcinoma. <i>Oncotarget</i> , 2016 , 7, 24111-24	3.3	15
383	The pseudokinase MLKL mediates programmed hepatocellular necrosis independently of RIPK3 during hepatitis. <i>Journal of Clinical Investigation</i> , 2016 , 126, 4346-4360	15.9	98
382	Generation of a new Gateway-compatible inducible lentiviral vector platform allowing easy derivation of co-transduced cells. <i>BioTechniques</i> , 2016 , 60, 252-9	2.5	8
381	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	2.3	34
380	An evolutionary perspective on the necroptotic pathway. <i>Trends in Cell Biology</i> , 2016 , 26, 721-732	18.3	86
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