

# Ibraheem Yousef

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1350066/publications.pdf>

Version: 2024-02-01

51  
papers

720  
citations

687363

13  
h-index

642732

23  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1179  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fibers spreading worldwide: Microplastics and other anthropogenic litter in an Arctic freshwater lake. <i>Science of the Total Environment</i> , 2020, 722, 137904.	8.0	119
2	Understanding the nature of the passivation layer enabling reversible calcium plating. <i>Energy and Environmental Science</i> , 2020, 13, 3423-3431.	30.8	60
3	Vibrational spectroscopy differentiates between multipotent and pluripotent stem cells. <i>Analyst, The</i> , 2010, 135, 3126.	3.5	52
4	MIRAS: The Infrared Synchrotron Radiation Beamline at ALBA. <i>Synchrotron Radiation News</i> , 2017, 30, 4-6.	0.8	33
5	Synchrotron based Fourier-transform infrared microspectroscopy as sensitive technique for the detection of early apoptosis in U-87 MG cells. <i>Laser Physics Letters</i> , 0, 7, 613-620.	1.4	31
6	First-Order Isostructural Phase Transition Induced by High Pressure in Fe(IO <sub>3</sub> ) <sub>3</sub> . <i>Journal of Physical Chemistry C</i> , 2020, 124, 8669-8679.	3.1	24
7	Quantitative Assessment of Liver Steatosis on Tissue Section Using Infrared Spectroscopy. <i>Gastroenterology</i> , 2015, 148, 295-297.	1.3	22
8	Elucidation of penetration enhancement mechanism of Emu oil using FTIR microspectroscopy at EMIRA laboratory of SESAME synchrotron. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 185, 1-10.	3.9	21
9	Laser-induced synthesis and photocatalytic properties of hybrid organic-inorganic composite layers. <i>Journal of Materials Science</i> , 2019, 54, 3927-3941.	3.7	18
10	Study of the biochemical effects induced by X-ray irradiations in combination with gadolinium nanoparticles in F98 glioma cells: first FTIR studies at the Emira laboratory of the SESAME synchrotron. <i>Analyst, The</i> , 2016, 141, 2238-2249.	3.5	17
11	Infrared spectral signatures of CDCP1-induced effects in colon carcinoma cells. <i>Analyst, The</i> , 2011, 136, 5162.	3.5	16
12	Discrimination of cirrhotic nodules, dysplastic lesions and hepatocellular carcinoma by their vibrational signature. <i>Journal of Translational Medicine</i> , 2016, 14, 9.	4.4	16
13	Fabrication of graphene-based electrochemical capacitors through reactive inverse matrix assisted pulsed laser evaporation. <i>Applied Surface Science</i> , 2019, 484, 245-256.	6.1	16
14	Optical Photothermal Infrared Microspectroscopy Discriminates for the First Time Different Types of Lung Cells on Histopathology Glass Slides. <i>Analytical Chemistry</i> , 2021, 93, 11081-11088.	6.5	16
15	Pressure-Driven Symmetry-Preserving Phase Transitions in Co(IO <sub>3</sub> ) <sub>2</sub> . <i>Journal of Physical Chemistry C</i> , 2021, 125, 17448-17461.	3.1	14
16	Infrared synchrotron radiation from bending magnet and edge radiation sources for the study of orientation and conformation in anisotropic materials. <i>Review of Scientific Instruments</i> , 2011, 82, 033710.	1.3	13
17	Selective modification of skin barrier lipids. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 172, 94-102.	2.8	13
18	Enhancement of the supercapacitive properties of laser deposited graphene-based electrodes through carbon nanotube loading and nitrogen doping. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 25175-25186.	2.8	12

#	ARTICLE	IF	CITATIONS
19	Realistic dielectric response of high temperature sintered ZnO ceramic: a microscopic and spectroscopic approach. RSC Advances, 2020, 10, 30451-30462.	3.6	12
20	Shikimic acid protects skin cells from UV-induced senescence through activation of the NAD <sup>+</sup> -dependent deacetylase SIRT1. Aging, 2021, 13, 12308-12333.	3.1	11
21	Far-infrared studies on Nafion and perfluoroimide acid (PFIA) and their alkali salts. Vibrational Spectroscopy, 2014, 75, 213-217.	2.2	10
22	Amyloid-like Fibrils from a Diphenylalanine Capped with an Aromatic Fluorenyl. Langmuir, 2018, 34, 15551-15559.	3.5	10
23	Antiproliferative activity of the combination of doxorubicin/quercetin on MCF7 breast cancer cell line: A combined study using colorimetric assay and synchrotron infrared microspectroscopy. Infrared Physics and Technology, 2018, 95, 141-147.	2.9	10
24	Isothermal Crystallization Kinetics of Poly(4-hydroxybutyrate) Biopolymer. Materials, 2019, 12, 2488.	2.9	10
25	Laser synthesis of TiO <sub>2</sub> carbon nanomaterial layers with enhanced photodegradation efficiency towards antibiotics and dyes. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 399, 112616.	3.9	10
26	High-Pressure Spectroscopy Study of Zn(IO <sub>3</sub> ) <sub>2</sub> Using Far-Infrared Synchrotron Radiation. Crystals, 2021, 11, 34.	2.2	10
27	Tooth whitening, oxidation or reduction? Study of physicochemical alterations in bovine enamel using Synchrotron based Micro-FTIR. Dental Materials, 2022, 38, 670-679.	3.5	10
28	Live-Cell Synchrotron-Based FTIR Evaluation of Metabolic Compounds in Brain Glioblastoma Cell Lines after Riluzole Treatment. Analytical Chemistry, 2022, 94, 1932-1940.	6.5	10
29	Simulation and design of an infrared beamline for SESAME (Synchrotron-Light for Experimental) Tj ETQq1 1 0.784314 rgBT /Overlock Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 673, 73-81.	1.6	9
30	Fourier transform infrared spectra of cells on glass coverslips. A further step in spectral pathology. Analyst, The, 2018, 143, 5711-5717.	3.5	9
31	Study of the intracellular nanoparticle-based radiosensitization mechanisms in F98 glioma cells treated with charged particle therapy through synchrotron-based infrared microspectroscopy. Analyst, The, 2020, 145, 2345-2356.	3.5	9
32	Synchrotron-Based Fourier-Transform Infrared Micro-Spectroscopy (SR-FTIRM) Fingerprint of the Small Anionic Molecule Cobaltabis(dicarbollide) Uptake in Glioma Stem Cells. International Journal of Molecular Sciences, 2021, 22, 9937.	4.1	9
33	Pressure-induced phase transition and increase of oxygen-iodine coordination in magnesium iodate. Physical Review B, 2022, 105, .	3.2	9
34	Synchrotron-based infrared microspectroscopy study on the radiosensitization effects of Gd nanoparticles at megavoltage radiation energies. Analyst, The, 2019, 144, 5511-5520.	3.5	7
35	Investigating Egyptian archeological bone diagenesis using ATR-FTIR microspectroscopy. Journal of Radiation Research and Applied Sciences, 2020, 13, 515-527.	1.2	7
36	Medicated Scaffolds Prepared with Hydroxyapatite/Streptomycin Nanoparticles Encapsulated into Polylactide Microfibers. International Journal of Molecular Sciences, 2022, 23, 1282.	4.1	7

#	ARTICLE	IF	CITATIONS
37	A synchrotron-based infrared microspectroscopy study on the cellular response induced by gold nanoparticles combined with X-ray irradiations on F98 and U87-MG glioma cell lines. <i>Analyst, The</i> , 2019, 144, 6352-6364.	3.5	6
38	Laser fabrication of hybrid electrodes composed of nanocarbons mixed with cerium and manganese oxides for supercapacitive energy storage. <i>Journal of Materials Chemistry A</i> , 2021, 9, 1192-1206.	10.3	6
39	Biobased Terpene Derivatives: Stiff and Biocompatible Compounds to Tune Biodegradability and Properties of Poly(butylene succinate). <i>Polymers</i> , 2022, 14, 161.	4.5	6
40	Optimization of Sample Preparation Using Glass Slides for Spectral Pathology. <i>Applied Spectroscopy</i> , 2021, 75, 343-350.	2.2	5
41	Exploiting FTIR microspectroscopy and chemometric analysis in the discrimination between Egyptian ancient bones: a case study. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2020, 37, A110.	2.1	5
42	Infrared microspectroscopy studies on the protective effect of curcumin coated gold nanoparticles against H <sub>2</sub> O <sub>2</sub> -induced oxidative stress in human neuroblastoma SK-N-SH cells. <i>Analyst, The</i> , 2021, 146, 6902-6916.	3.5	4
43	Aspects of the Cytology and Chemical Composition of Specialized Cells in Roots of the Ni Hyperaccumulator <i>Senecio coronatus</i> . <i>Microscopy and Microanalysis</i> , 2012, 18, 96-97.	0.4	2
44	Calcium oxalate kidney stones, where is the organic matter?: A synchrotron based infrared microspectroscopy study. <i>Journal of Biophotonics</i> , 2020, 13, e202000303.	2.3	2
45	Aspects of Chemical Composition of Exodermal Cell Walls in Roots of Ni-Hyperaccumulating and Non-Hyperaccumulating Genotypes of <i>Senecio coronatus</i> . <i>Microscopy and Microanalysis</i> , 2014, 20, 1276-1277.	0.4	1
46	Application of FT-IR Microspectroscopy in the Investigation of the Stratum Corneum Barrier Function. <i>Biophysical Journal</i> , 2016, 110, 373a.	0.5	1
47	Further Differences in Biochemical Composition of Roots of Ni-Hyperaccumulating and Non-Hyperaccumulating Genotypes of <i>Senecio coronatus</i> . <i>Microscopy and Microanalysis</i> , 2015, 21, 1485-1486.	0.4	0
48	FTIR Study of the Biochemical Effects Induced by X-Ray Irradiations Combined with GD Nanoparticles in F98 Glioma Cells. <i>Biophysical Journal</i> , 2016, 110, 475a.	0.5	0
49	Imaging at Alba. <i>Synchrotron Radiation News</i> , 2020, 33, 3-10.	0.8	0
50	Synchrotron-Based Infrared Microscopy Studies of the Radiosensitization Effects of Nanoparticles used in Radiotherapy. <i>Biophysical Journal</i> , 2020, 118, 471a.	0.5	0
51	Study of SEI Components Enabling Calcium Metal Plating and Stripping. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0