

Omkar B Ijare

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.

37
papers

1,025
citations

15
h-index

32
g-index

44
ext. papers

1,141
ext. citations

2.9
avg, IF

4.65
L-index

#	Paper	IF	Citations
37	Rotating Magnetic Fields Inhibit Mitochondrial Respiration, Promote Oxidative Stress and Produce Loss of Mitochondrial Integrity in Cancer Cells. <i>Frontiers in Oncology</i> , 2021 , 11, 768758	5.3	2
36	FSMP-02. CHANGES IN GLUTAMINE METABOLISM INDUCED BY OXALOACETATE IN GLIOBLASTOMA. <i>Neuro-Oncology Advances</i> , 2021 , 3, i16-i16	0.9	78
35	The Leloir Cycle in Glioblastoma: Galactose Scavenging and Metabolic Remodeling. <i>Cancers</i> , 2021 , 13,	6.6	1
34	Selective induction of rapid cytotoxic effect in glioblastoma cells by oscillating magnetic fields. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021 , 147, 3577-3589	4.9	2
33	Elevated levels of circulating betahydroxybutyrate in pituitary tumor patients may differentiate prolactinomas from other immunohistochemical subtypes. <i>Scientific Reports</i> , 2020 , 10, 1334	4.9	2
32	NIMG-48. USE OF MOBILE LIPIDS AS METABOLIC MARKERS FOR THE ASSESSMENT OF TREATMENT-INDUCED NECROSIS IN A RECURRENT GLIOBLASTOMA PATIENT TREATED WITH A NEW OSCILLATING MAGNETIC FIELD GENERATING DEVICE. <i>Neuro-Oncology</i> , 2020 , 22, ii158-ii158	1	
31	CTNI-48. NOVEL TREATMENT OF END STAGE RECURRENT GLIOBLASTOMA TREATED WITH A NONINVASIVE ONCOMAGNETIC DEVICE USING OSCILLATING MAGNETIC FIELDS [A NEW AND POWERFUL NONINVASIVE THERAPY. <i>Neuro-Oncology</i> , 2020 , 22, ii53-ii53	1	1
30	Ex Vivo H NMR study of pituitary adenomas to differentiate various immunohistochemical subtypes. <i>Scientific Reports</i> , 2019 , 9, 3007	4.9	5
29	NMR-Based Urinary Metabolomics Applications. <i>Methods in Molecular Biology</i> , 2019 , 2037, 215-229	1.4	1
28	In vivo H MRS of human gallbladder bile in understanding the pathophysiology of primary sclerosing cholangitis (PSC): Immune-mediated disease versus bile acid-induced injury. <i>NMR in Biomedicine</i> , 2019 , 32, e4065	4.4	4
27	CBMT-49. OXALOACETATE ALTERS GLUCOSE METABOLISM IN GLIOBLASTOMA: 13C ISOTOPOMER STUDY. <i>Neuro-Oncology</i> , 2019 , 21, vi43-vi44	1	2
26	CBMT-01. ALANINE FUELS ENERGY METABOLISM OF GLIOBLASTOMA CELLS. <i>Neuro-Oncology</i> , 2019 , 21, vi32-vi33	1	0
25	Metabolism of fructose in B-cells: A C NMR spectroscopy based stable isotope tracer study. <i>Analytical Biochemistry</i> , 2018 , 552, 110-117	3.1	3
24	MNGI-34. THE ROLE OF ALANINE AS A POTENTIAL METABOLIC MARKER IN DETECTING ATYPICAL MENINGIOMAS. <i>Neuro-Oncology</i> , 2018 , 20, vi156-vi156	1	78
23	CBMT-33. ALTERNATING ELECTRIC FIELDS INDUCED BY FAST SPINNING STRONG MAGNETS MODULATE MITOCHONDRIAL ENERGY METABOLISM IN GBM CELLS. <i>Neuro-Oncology</i> , 2018 , 20, vi39-vi40	1	1
22	Measurement of C turnover into glutamate and glutamine pools in brain tumor patients. <i>FEBS Letters</i> , 2017 , 591, 3548-3554	3.8	6
21	Diagnostic Applications of Nuclear Magnetic Resonance-Based Urinary Metabolomics. <i>Magnetic Resonance Insights</i> , 2017 , 10, 1178623X17694346	5	15

20	Metabolic Signatures of Lung Cancer in Sputum and Exhaled Breath Condensate Detected by H Magnetic Resonance Spectroscopy: A Feasibility Study. <i>Magnetic Resonance Insights</i> , 2016 , 9, 29-35	5	16
19	MRS-based Metabolomics in Cancer Research. <i>Magnetic Resonance Insights</i> , 2014 , 7, 1-14	5	15
18	In vivo 1H MRS of human gallbladder bile at 3 T in one and two dimensions: detection and quantification of major biliary lipids. <i>NMR in Biomedicine</i> , 2014 , 27, 1192-202	4.4	4
17	Magnetic resonance spectroscopy of bile in the detection of cholangiocarcinoma. <i>Journal of Hepatology</i> , 2011 , 54, 398-9; author reply 399-400	13.4	
16	Potential of magnetic resonance spectroscopy in assessing the effect of fatty acids on inflammatory bowel disease in an animal model. <i>Lipids</i> , 2010 , 45, 843-54	1.6	9
15	Simultaneous quantification of glycine- and taurine-conjugated bile acids, total bile acids, and choline-containing phospholipids in human bile using 1H NMR spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 53, 667-73	3.5	23
14	Combining nuclear magnetic resonance spectroscopy and mass spectrometry in biomarker discovery. <i>Biomarkers in Medicine</i> , 2009 , 3, 307-22	2.3	8
13	Phenoxy-bridged symmetrical homobinuclear complexes derived from an end-off compartmental ligand, 2,6- bis [5?-chloro-3?-phenyl- 1H -indole-2?-carboxamidyliminomethyl]-4-methylphenol. <i>Journal of Coordination Chemistry</i> , 2009 , 62, 1457-1467	1.6	7
12	Absence of glycochenodeoxycholic acid (GCDCA) in human bile is an indication of cholestasis: a 1H MRS study. <i>NMR in Biomedicine</i> , 2009 , 22, 471-9	4.4	27
11	Detection and quantification of D-glucuronic acid in human bile using 1H NMR spectroscopy: relevance to the diagnosis of pancreatic cancer. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2009 , 22, 267-75	2.8	28
10	Synthesis, characterization and antimicrobial activity of homodinuclear complexes derived from 2,6- bis [3?-methyl- 2?-carboxamidyliminomethyl(6?,7?)benzindole]-4-methylphenol, an end-off compartmental ligand. <i>Journal of Coordination Chemistry</i> , 2008 , 61, 508-527	1.6	14
9	One-step analysis of major bile components in human bile using 1H NMR spectroscopy. <i>Lipids</i> , 2006 , 41, 577-89	1.6	31
8	Single-step analysis of individual conjugated bile acids in human bile using 1H NMR spectroscopy. <i>Lipids</i> , 2006 , 41, 591-603	1.6	40
7	Study of the interaction of an anticancer drug with human and bovine serum albumin: spectroscopic approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006 , 41, 393-9	3.5	44 ¹
6	Simple pulse-acquire NMR methods for the quantitative analysis of calcium, magnesium and sodium in human serum. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006 , 65, 254-60	4.4	20
5	Quantification of glycine and taurine conjugated bile acids in human bile using 1H NMR spectroscopy. <i>Magnetic Resonance in Medicine</i> , 2005 , 53, 1441-6	4.4	39
4	1H and 13C NMR characterization and stereochemical assignments of bile acids in aqueous media. <i>Lipids</i> , 2005 , 40, 1031-41	1.6	53
3	Synthesis, characterization and antimicrobial activity of macrocyclic phenoxy-bridged di- and tetra-nuclear complexes from N,N-bis[2,6-diiminomethyl-4-methyl-1-hydroxyphenyl]succinoyl/sebacoyldicarboxamides. <i>Transition Metal Chemistry</i> , 2005 , 30, 231-242	2.1	17

- 2 Synthesis, characterization and biological activity of symmetric dinuclear complexes derived from a novel macrocyclic compartmental ligand. *Journal of the Brazilian Chemical Society*, **2005**, 16, 783-789 1.5 24
- 1 4-Chlorobenzohydrazide. *Acta Crystallographica Section E: Structure Reports Online*, **2002**, 58, o1341-o1342 5