Omkar B Ijare

List of Publications by Citations

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	Study of the interaction of an anticancer drug with human and bovine serum albumin: spectroscopic approach. *Journal of Pharmaceutical and Biomedical Analysis*, **2006**, 41, 393-9	3.5	441
36	FSMP-02. CHANGES IN GLUTAMINE METABOLISM INDUCED BY OXALOACETATE IN GLIOBLASTOMA. *Neuro-Oncology Advances*, **2021**, 3, i16-i16	0.9	78
35	MNGI-34. THE ROLE OF ALANINE AS A POTENTIAL METABOLIC MARKER IN DETECTING ATYPICAL MENINGIOMAS. *Neuro-Oncology*, **2018**, 20, vi156-vi156	1	78
34	1H and 13C NMR characterization and stereochemical assignments of bile acids in aqueous media. *Lipids*, **2005**, 40, 1031-41	1.6	53
33	Single-step analysis of individual conjugated bile acids in human bile using 1H NMR spectroscopy. *Lipids*, **2006**, 41, 591-603	1.6	40
32	Quantification of glycine and taurine conjugated bile acids in human bile using 1H NMR spectroscopy. *Magnetic Resonance in Medicine*, **2005**, 53, 1441-6	4.4	39
31	One-step analysis of major bile components in human bile using 1H NMR spectroscopy. *Lipids*, **2006**, 41, 577-89	1.6	31
30	Detection and quantification of D-glucuronic acid in human bile using 1H NMR spectroscopy: relevance to the diagnosis of pancreatic cancer. *Magnetic Resonance Materials in Physics, Biology, and Medicine*, **2009**, 22, 267-75	2.8	28
29	Absence of glycochenodeoxycholic acid (GCDCA) in human bile is an indication of cholestasis: a 1H MRS study. *NMR in Biomedicine*, **2009**, 22, 471-9	4.4	27
28	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
27	Simultaneous quantification of glycine- and taurine-conjugated bile acids, total bile acids, and choline-containing phospholipids in human bile using 1H NMR spectroscopy. *Journal of Pharmaceutical and Biomedical Analysis*, **2010**, 53, 667-73	3.5	23
26	Simple pulse-acquire NMR methods for the quantitative analysis of calcium, magnesium and sodium in human serum. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2006**, 65, 254-60	4.4	20
25	Synthesis, characterization and antimicrobial activity of macrocylic phenoxo-bridged di- and tetra-nuclear complexes from N,N-bis[2,6-diiminomethyl-4-methyl-1-hydroxyphenyl]succinoyl/sebacoyldicarboxamides. *Transition Metal Chemistry*, **2005**, 30, 234-242	2.1	17
24	Metabolic Signatures of Lung Cancer in Sputum and Exhaled Breath Condensate Detected by H Magnetic Resonance Spectroscopy: A Feasibility Study. *Magnetic Resonance Insights*, **2016**, 9, 29-35	5	16
23	MRS-based Metabolomics in Cancer Research. *Magnetic Resonance Insights*, **2014**, 7, 1-14	5	15
22	Diagnostic Applications of Nuclear Magnetic Resonance-Based Urinary Metabolomics. *Magnetic Resonance Insights*, **2017**, 10, 1178623X17694346	5	15
21	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. *Journal of Coordination Chemistry*, **2008**, 61, 508-527	1.6	14

20	Potential of magnetic resonance spectroscopy in assessing the effect of fatty acids on inflammatory bowel disease in an animal model. *Lipids*, **2010**, 45, 843-54	1.6	9
19	Combining nuclear magnetic resonance spectroscopy and mass spectrometry in biomarker discovery. *Biomarkers in Medicine*, **2009**, 3, 307-22	2.3	8
18	Phenoxo-bridged symmetrical homobinuclear complexes derived from an end-off compartmental ligand, 2,6- bis [5?-chloro-3?-phenyl- 1H -indole-2?-carboxamidyliminomethyl]-4-methylphenol. *Journal of Coordination Chemistry*, **2009**, 62, 1457-1467	1.6	7
17	Measurement of C turnover into glutamate and glutamine pools in brain tumor patients. *FEBS Letters*, **2017**, 591, 3548-3554	3.8	6
16	Ex Vivo H NMR study of pituitary adenomas to differentiate various immunohistochemical subtypes. *Scientific Reports*, **2019**, 9, 3007	4.9	5
15	4-Chlorobenzohydrazide. *Acta Crystallographica Section E: Structure Reports Online*, **2002**, 58, o1341-o1342		5
14	In vivo 1H MRS of human gallbladder bile at 3 T in one and two dimensions: detection and quantification of major biliary lipids. *NMR in Biomedicine*, **2014**, 27, 1192-202	4.4	4
13	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. *NMR in Biomedicine*, **2019**, 32, e4065	4.4	4
12	Metabolism of fructose in B-cells: A C NMR spectroscopy based stable isotope tracer study. *Analytical Biochemistry*, **2018**, 552, 110-117	3.1	3
11	Elevated levels of circulating betahydroxybutyrate in pituitary tumor patients may differentiate prolactinomas from other immunohistochemical subtypes. *Scientific Reports*, **2020**, 10, 1334	4.9	2
10	Rotating Magnetic Fields Inhibit Mitochondrial Respiration, Promote Oxidative Stress and Produce Loss of Mitochondrial Integrity in Cancer Cells. *Frontiers in Oncology*, **2021**, 11, 768758	5.3	2
9	CBMT-49. OXALOACETATE ALTERS GLUCOSE METABOLISM IN GLIOBLASTOMA: 13C ISOTOPOMER STUDY. *Neuro-Oncology*, **2019**, 21, vi43-vi44	1	2
8	Selective induction of rapid cytotoxic effect in glioblastoma cells by oscillating magnetic fields. *Journal of Cancer Research and Clinical Oncology*, **2021**, 147, 3577-3589	4.9	2
7	NMR-Based Urinary Metabolomics Applications. *Methods in Molecular Biology*, **2019**, 2037, 215-229	1.4	1
6	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. *Neuro-Oncology*, **2020**, 22, ii53-ii53	1	1
5	The Leloir Cycle in Glioblastoma: Galactose Scavenging and Metabolic Remodeling. *Cancers*, **2021**, 13,	6.6	1
4	CBMT-33. ALTERNATING ELECTRIC FIELDS INDUCED BY FAST SPINNING STRONG MAGNETS MODULATE MITOCHONDRIAL ENERGY METABOLISM IN GBM CELLS. *Neuro-Oncology*, **2018**, 20, vi39-vi40	1	1
3	CBMT-01. ALANINE FUELS ENERGY METABOLISM OF GLIOBLASTOMA CELLS. *Neuro-Oncology*, **2019**, 21, vi32-vi33	1	0

2	Magnetic resonance spectroscopy of bile in the detection of cholangiocarcinoma. *Journal of Hepatology*, **2011**, 54, 398-9; author reply 399-400	13.4
1	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. *Neuro-Oncology*, **2020**, 22, ii158-ii158	1