

Omkar B Ijare

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,030
citations

567144

15
h-index

414303

32
g-index

44
all docs

44
docs citations

44
times ranked

1458
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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, 393-399. | 1.4 | 484 |
| 2 | ¹ H and ¹³ C NMR characterization and stereochemical assignments of bile acids in aqueous media. <i>Lipids</i> , 2005, 40, 1031-1041. | 0.7 | 58 |
| 3 | Single-Step analysis of individual conjugated bile acids in human bile using ¹ H NMR spectroscopy. <i>Lipids</i> , 2006, 41, 591-603. | 0.7 | 45 |
| 4 | Quantification of glycine and taurine conjugated bile acids in human bile using ¹ H NMR spectroscopy. <i>Magnetic Resonance in Medicine</i> , 2005, 53, 1441-1446. | 1.9 | 42 |
| 5 | One-step analysis of major bile components in human bile using ¹ H NMR spectroscopy. <i>Lipids</i> , 2006, 41, 577-589. | 0.7 | 34 |
| 6 | Detection and quantification of d-glucuronic acid in human bile using ¹ H NMR spectroscopy: relevance to the diagnosis of pancreatic cancer. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2009, 22, 267-275. | 1.1 | 31 |
| 7 | Absence of glycochenodeoxycholic acid (GCDCA) in human bile is an indication of cholestasis: A ¹ H MRS study. <i>NMR in Biomedicine</i> , 2009, 22, 471-479. | 1.6 | 29 |
| 8 | 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, 254-260. | 2.0 | 27 |
| 9 | Synthesis, characterization and biological activity of symmetric dinuclear complexes derived from a novel macrocyclic compartmental ligand. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 783-789. | 0.6 | 26 |
| 10 | Simultaneous quantification of glycine- and taurine-conjugated bile acids, total bile acids, and choline-containing phospholipids in human bile using ¹ H NMR spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 667-673. | 1.4 | 25 |
| 11 | Mrs-based Metabolomics in Cancer Research. <i>Magnetic Resonance Insights</i> , 2014, 7, MRI.S13755. | 2.5 | 19 |
| 12 | Metabolic Signatures of Lung Cancer in Sputum and Exhaled Breath Condensate Detected by ¹ H Magnetic Resonance Spectroscopy: A Feasibility Study. <i>Magnetic Resonance Insights</i> , 2016, 9, MRI.S40864. | 2.5 | 19 |
| 13 | Synthesis, characterization and antimicrobial activity of macrocyclic phenoxo-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, 234-242. | 0.7 | 18 |
| 14 | Diagnostic Applications of Nuclear Magnetic Resonance-Based Urinary Metabolomics. <i>Magnetic Resonance Insights</i> , 2017, 10, 1178623X1769434. | 2.5 | 18 |
| 15 | Synthesis, characterization and antimicrobial activity of homodinuclear complexes derived from 2,6-bis[3-(2-carboxamidyliminomethyl(6,7-benzindole)-4-methylphenol, an endocyclic compartmental ligand. <i>Journal of Coordination Chemistry</i> , 2008, 61, 508-527. | 0.8 | 15 |
| 16 | The Leloir Cycle in Glioblastoma: Galactose Scavenging and Metabolic Remodeling. <i>Cancers</i> , 2021, 13, 1815. | 1.7 | 15 |
| 17 | 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. | 1.3 | 15 |
| 18 | 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, 843-854. | 0.7 | 10 |

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|----|---|-----|-----------|
| 19 | Ex Vivo ¹ H NMR study of pituitary adenomas to differentiate various immunohistochemical subtypes. <i>Scientific Reports</i> , 2019, 9, 3007. | 1.6 | 10 |
| 20 | Glutamine anaplerosis is required for amino acid biosynthesis in human meningiomas. <i>Neuro-Oncology</i> , 2022, 24, 556-568. | 0.6 | 10 |
| 21 | Combining nuclear magnetic resonance spectroscopy and mass spectrometry in biomarker discovery. <i>Biomarkers in Medicine</i> , 2009, 3, 307-322. | 0.6 | 8 |
| 22 | Phenoxy-bridged symmetrical homobinuclear complexes derived from an end-off-compartmental ligand, 2,6-bis[5-chloro-3-phenyl- ¹ H-indole-2-carboxamidyliminomethyl]-4-methylphenol. <i>Journal of Coordination Chemistry</i> , 2009, 62, 1457-1467. | 0.8 | 8 |
| 23 | Measurement of ¹³ C turnover into glutamate and glutamine pools in brain tumor patients. <i>FEBS Letters</i> , 2017, 591, 3548-3554. | 1.3 | 8 |
| 24 | In vivo ¹ 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. | 1.6 | 8 |
| 25 | 4-Chlorobenzohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002, 58, o1341-o1342. | 0.2 | 7 |
| 26 | 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. | 1.2 | 7 |
| 27 | Metabolism of fructose in B-cells: A ¹³ C NMR spectroscopy based stable isotope tracer study. <i>Analytical Biochemistry</i> , 2018, 552, 110-117. | 1.1 | 6 |
| 28 | CBMT-49. OXALOACETATE ALTERS GLUCOSE METABOLISM IN GLIOBLASTOMA: ¹³ C ISOTOPOMER STUDY. <i>Neuro-Oncology</i> , 2019, 21, vi43-vi44. | 0.6 | 5 |
| 29 | In vivo ¹ H MRS of human gallbladder bile at 3T in one and two dimensions: detection and quantification of major biliary lipids. <i>NMR in Biomedicine</i> , 2014, 27, 1192-1202. | 1.6 | 4 |
| 30 | CBMT-01. ALANINE FUELS ENERGY METABOLISM OF GLIOBLASTOMA CELLS. <i>Neuro-Oncology</i> , 2019, 21, vi32-vi33. | 0.6 | 4 |
| 31 | Elevated levels of circulating betahydroxybutyrate in pituitary tumor patients may differentiate prolactinomas from other immunohistochemical subtypes. <i>Scientific Reports</i> , 2020, 10, 1334. | 1.6 | 4 |
| 32 | NMR-Based Urinary Metabolomics Applications. <i>Methods in Molecular Biology</i> , 2019, 2037, 215-229. | 0.4 | 3 |
| 33 | Proton Magnetic Resonance Spectroscopy of Sputum for the Non-Invasive Diagnosis of Lung Cancer: Preliminary Findings. <i>Journal of Analytical Oncology</i> , 0, , . | 0.1 | 3 |
| 34 | Magnetic resonance spectroscopy of bile in the detection of cholangiocarcinoma. <i>Journal of Hepatology</i> , 2011, 54, 398-399. | 1.8 | 1 |
| 35 | METB-06. OXIDATION OF KETONE BODY IN HUMAN GLIOBLASTOMA CELL LINES USING ¹³ C NMR SPECTROSCOPY. <i>Neuro-Oncology</i> , 2017, 19, vi129-vi129. | 0.6 | 1 |
| 36 | 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. | 0.6 | 1 |

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|----|---|-----|-----------|
| 37 | Proton Magnetic Resonance Spectroscopy Characterization of Rathke's Cleft Cysts (RCCs): Relevance to the Differential Diagnosis of Pituitary Adenomas and RCCs. <i>Cancers</i> , 2020, 12, 360. | 1.7 | 1 |
| 38 | 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. | 0.6 | 1 |
| 39 | EthylN-(5-bromo-3-phenylindol-2-yl)carbamate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002, 58, o738-o739. | 0.2 | 0 |
| 40 | 2-Amino-5-propyl-1,3,4-thiadiazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002, 58, o1237-o1238. | 0.2 | 0 |
| 41 | 2-[(4-Bromophenyl)amino]-1-phenylethanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, o443-o444. | 0.2 | 0 |
| 42 | MNGI-34. THE ROLE OF ALANINE AS A POTENTIAL METABOLIC MARKER IN DETECTING ATYPICAL MENINGIOMAS. <i>Neuro-Oncology</i> , 2018, 20, vi156-vi156. | 0.6 | 0 |
| 43 | FSMP-02. CHANGES IN GLUTAMINE METABOLISM INDUCED BY OXALOACETATE IN GLIOBLASTOMA. <i>Neuro-Oncology Advances</i> , 2021, 3, i16-i16. | 0.4 | 0 |
| 44 | 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. | 0.6 | 0 |