

# Dinesh Kumar

## List of Publications by Year in descending order

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112  
papers

1,755  
citations

331259

21  
h-index

395343

33  
g-index

114  
all docs

114  
docs citations

114  
times ranked

2175  
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering of a T7 Bacteriophage Endolysin Variant with Enhanced Amidase Activity. <i>Biochemistry</i> , 2023, 62, 330-344.	1.2	2
2	Mechanistic exploration of the activities of poly(lactic-co-glycolic acid)-loaded nanoparticles of betulinic acid against hepatocellular carcinoma at cellular and molecular levels. <i>Archives of Physiology and Biochemistry</i> , 2022, 128, 836-848.	1.0	6
3	Demonstration of Gut-Barrier Dysfunction in Early Stages of Non-alcoholic Fatty Liver Disease: A Proof-Of-Concept Study. <i>Journal of Clinical and Experimental Hepatology</i> , 2022, 12, 1102-1113.	0.4	7
4	Serum Metabolic Disturbances in Lung Cancer Investigated through an Elaborative NMR-Based Serum Metabolomics Approach. <i>ACS Omega</i> , 2022, 7, 5510-5520.	1.6	15
5	Ameliorative effect of fluvoxamine against colon carcinogenesis via COX-2 blockade with oxidative and metabolic stress reduction at the cellular, molecular and metabolic levels. <i>BBA Advances</i> , 2022, 2, 100046.	0.7	2
6	Conserved Apical Proline Regulating the Structure and DNA Binding Properties of <i>Helicobacter pylori</i> Histone-like DNA Binding Protein (Hup). <i>ACS Omega</i> , 2022, 7, 15231-15246.	1.6	2
7	Elevated Circulatory Proline to Glutamine Ratio (PQR) in Endometriosis and Its Potential as a Diagnostic Biomarker. <i>ACS Omega</i> , 2022, 7, 14856-14866.	1.6	8
8	Nanoarchitectonics horizons: materials for life sciences. <i>Nanoscale</i> , 2022, 14, 10630-10647.	2.8	14
9	NMR-based clinical metabolomics revealed distinctive serum metabolic profiles in patients with spondyloarthritis. <i>Magnetic Resonance in Chemistry</i> , 2021, 59, 85-98.	1.1	14
10	Pesticide interactions induce alterations in secondary structure of malate dehydrogenase to cause destability and cytotoxicity. <i>Chemosphere</i> , 2021, 263, 128074.	4.2	7
11	Incorporation of 5-Nitroisatin for Tailored Hydroxyapatite Nanorods and its Effect on Cervical Cancer Cells: A Nanoarchitectonics Approach. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 1946-1953.	1.9	4
12	Epigallocatechin Gallate with Potent Anti- <i>Helicobacter pylori</i> Activity Binds Efficiently to Its Histone-like DNA Binding Protein. <i>ACS Omega</i> , 2021, 6, 3548-3570.	1.6	15
13	An elaborative NMR based plasma metabolomics study revealed metabolic derangements in patients with mild cognitive impairment: a study on north Indian population. <i>Metabolic Brain Disease</i> , 2021, 36, 957-968.	1.4	8
14	A brief overview about the use of different bioactive liposome-based drug delivery systems in Peritoneal Dialysis and some other diseases. <i>Nano Express</i> , 2021, 2, 022006.	1.2	2
15	Effect of Voacamine upon inhibition of hypoxia induced fatty acid synthesis in a rat model of methylN-nitrosourea induced mammary gland carcinoma. <i>BMC Molecular and Cell Biology</i> , 2021, 22, 33.	1.0	9
16	Targeted NMR-based serum metabolic profiling of serine, glycine and methionine in acute&chronic liver failure patients: Possible insights into mitochondrial dysfunction. <i>Analytical Science Advances</i> , 2021, 2, 536-545.	1.2	4
17	Molecular Insights into Conformational Heterogeneity and Enhanced Structural Integrity of <i>Helicobacter pylori</i> DNA Binding Protein Hup at Low pH. <i>Biochemistry</i> , 2021, 60, 3236-3252.	1.2	6
18	NMR-Based Metabolomics Revealed the Underlying Inflammatory Pathology in Reactive Arthritis Synovial Joints. <i>Journal of Proteome Research</i> , 2021, 20, 5088-5102.	1.8	3

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19	Serum Metabolic Disturbances Associated with Acute-on-chronic Liver Failure in Patients with Underlying Alcoholic Liver Diseases: An Elaborative NMR-based Metabolomics Study. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2021, 13, 276-282.	0.2	2
20	Repurposing Combination Therapy of Voacamine With Vincristine for Downregulation of Hypoxia-Inducible Factor-1 $\alpha$ /Fatty Acid Synthase Co-axis and Prolyl Hydroxylase-2 Activation in ER+ Mammary Neoplasia. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 736910.	1.8	6
21	Preclinical Evaluation of Dimethyl Itaconate Against Hepatocellular Carcinoma via Activation of the e/iNOS-Mediated NF- $\kappa$ B-Dependent Apoptotic Pathway. <i>Frontiers in Pharmacology</i> , 2021, 12, 823285.	1.6	5
22	Exclusive T2 MRI contrast enhancement by mesoporous carbon framework encapsulated manganese oxide nanoparticles. <i>Current Applied Physics</i> , 2020, 20, 89-95.	1.1	8
23	Metabolomics analysis revealed significantly higher synovial Phe/Tyr ratio in reactive arthritis and undifferentiated spondyloarthritis. <i>Rheumatology</i> , 2020, 59, 1587-1590.	0.9	13
24	Circulatory Glutamine/Glucose ratio for evaluating disease activity in Takayasu arteritis: A NMR based serum metabolomics study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 180, 113080.	1.4	25
25	Elucidating the Molecular Interactions of Chemokine CCL2 Orthologs with Flavonoid Baicalin. <i>ACS Omega</i> , 2020, 5, 22637-22651.	1.6	14
26	Molecular insights into the differential structure-dynamics-stability features of interleukin-8 orthologs: Implications to functional specificity. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 3221-3234.	3.6	4
27	In vitro and ex vivo relaxometric properties of ethylene glycol coated gadolinium oxide nanoparticles for potential use as contrast agents in magnetic resonance imaging. <i>Journal of Applied Physics</i> , 2020, 128, 034903.	1.1	5
28	Characterization, biological evaluation and molecular docking of mulberry fruit pectin. <i>Scientific Reports</i> , 2020, 10, 21789.	1.6	21
29	Effect of urea concentration on instant refolding of Nuclear Export Protein (NEP) from Influenza-A virus H1N1: A solution NMR based investigation. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 2508-2519.	3.6	3
30	Exquisite binding interaction of 18 $\beta$ -Glycyrrhetic acid with histone like DNA binding protein of <i>Helicobacter pylori</i> : A computational and experimental study. <i>International Journal of Biological Macromolecules</i> , 2020, 161, 231-246.	3.6	12
31	Mitochondrial apoptosis and curtailment of hypoxia-inducible factor-1 $\alpha$ /fatty acid synthase: A dual edge perspective of gamma linolenic acid in ER+ mammary gland cancer. <i>Cell Biochemistry and Function</i> , 2020, 38, 591-603.	1.4	17
32	Characterization of Cu <sup>2+</sup> and Zn <sup>2+</sup> binding sites in SUMO1 and its impact on protein stability. <i>International Journal of Biological Macromolecules</i> , 2020, 151, 204-211.	3.6	5
33	Nuclear magnetic resonance-based targeted profiling of urinary acetate and citrate following cyclophosphamide therapy in patients with lupus nephritis. <i>Lupus</i> , 2020, 29, 782-786.	0.8	7
34	Dissecting the differential structural and dynamics features of CCL2 chemokine orthologs. <i>International Journal of Biological Macromolecules</i> , 2020, 156, 239-251.	3.6	10
35	NMR-Based Serum Metabolomics Revealed Distinctive Metabolic Patterns in Reactive Arthritis Compared with Rheumatoid Arthritis. <i>Journal of Proteome Research</i> , 2019, 18, 130-146.	1.8	16
36	Metabolite assignment of ultrafiltered synovial fluid extracted from knee joints of reactive arthritis patients using high resolution NMR spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 2019, 57, 30-43.	1.1	8

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37	Effect of Polyol Chain Length on Proton Relaxivity of Gadolinium Oxide Nanoparticles for Enhanced Magnetic Resonance Imaging Contrast. <i>Journal of Physical Chemistry C</i> , 2019, 123, 18061-18070.	1.5	18
38	Antineoplastic properties of zafirlukast against hepatocellular carcinoma via activation of mitochondrial mediated apoptosis. <i>Regulatory Toxicology and Pharmacology</i> , 2019, 109, 104489.	1.3	11
39	Bulk Yttria as a Host for Lanthanides in Biomedical Applications: Influence of Concentration Gradients on Structural, Mechanical, Optical, and <i>in Vitro</i> Imaging Behavior. <i>ACS Applied Bio Materials</i> , 2019, 2, 4634-4647.	2.3	6
40	Janus nanoparticles for contrast enhancement of $T_1$ and $T_2$ dual mode magnetic resonance imaging. <i>Dalton Transactions</i> , 2019, 48, 1075-1083.	1.6	16
41	Enhanced dynamics of conformationally heterogeneous T7 bacteriophage lysozyme native state attenuates its stability and activity. <i>Biochemical Journal</i> , 2019, 476, 613-628.	1.7	12
42	Zolmitriptan attenuates hepatocellular carcinoma via activation of caspase mediated apoptosis. <i>Chemico-Biological Interactions</i> , 2019, 308, 120-129.	1.7	12
43	Quercetin loaded PLGA microspheres induce apoptosis in breast cancer cells. <i>Applied Surface Science</i> , 2019, 487, 211-217.	3.1	35
44	Nuclear magnetic resonance based metabolomics reveals similar metabolomics profiles in undifferentiated peripheral spondyloarthritis and reactive arthritis. <i>International Journal of Rheumatic Diseases</i> , 2019, 22, 725-733.	0.9	7
45	Delineating the molecular responses of a halotolerant microalga using integrated omics approach to identify genetic engineering targets for enhanced TAG production. <i>Biotechnology for Biofuels</i> , 2019, 12, 2.	6.2	42
46	NMR characterization of conformational fluctuations and noncovalent interactions of SUMO protein from <i>Drosophila melanogaster</i> (dSmt3). <i>Proteins: Structure, Function and Bioinformatics</i> , 2019, 87, 658-667.	1.5	4
47	Unveiling the Effects of Rare-Earth Substitutions on the Structure, Mechanical, Optical, and Imaging Features of $ZrO_2$ for Biomedical Applications. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 1725-1743.	2.6	29
48	AB1313...NMR SPECTROSCOPY REVEALS ALTERATIONS OF URINARY ACETATE AND CITRATE LEVELS FOLLOWING CYCLOPHOSPHAMIDE THERAPY IN PATIENTS WITH LUPUS NEPHRITIS. , 2019, , .		0
49	Physicochemical and Antibacterial Properties of PEGylated Zinc Oxide Nanoparticles Dispersed in Peritoneal Dialysis Fluid. <i>ACS Omega</i> , 2019, 4, 19255-19264.	1.6	39
50	Molecular interaction between human SUMO-I and histone like DNA binding protein of <i>Helicobacter pylori</i> (Hup) investigated by NMR and other biophysical tools. <i>International Journal of Biological Macromolecules</i> , 2019, 123, 446-456.	3.6	16
51	An inter-switch between hydrophobic and charged amino acids generated druggable small molecule binding pocket in chemokine paralog CXCL3. <i>Archives of Biochemistry and Biophysics</i> , 2019, 662, 121-128.	1.4	16
52	Novel 1,3,4-thiadiazoles inhibit colorectal cancer via blockade of IL-6/COX-2 mediated JAK2/STAT3 signals as evidenced through data-based mathematical modeling. <i>Cytokine</i> , 2019, 118, 144-159.	1.4	32
53	Novel fused oxazepino-indoles (FOIs) attenuate liver carcinogenesis via IL-6/JAK2/STAT3 signaling blockade as evidenced through data-based mathematical modeling. <i>Life Sciences</i> , 2018, 201, 161-172.	2.0	7
54	Novel Indole-fused benzo-oxazepines (IFBOs) inhibit invasion of hepatocellular carcinoma by targeting IL-6 mediated JAK2/STAT3 oncogenic signals. <i>Scientific Reports</i> , 2018, 8, 5932.	1.6	16

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55	6,7-dimethoxy-1,2,3,4-tetrahydro-isoquinoline-3-carboxylic acid attenuates colon carcinogenesis via blockade of IL-6 mediated signals. <i>Biomedicine and Pharmacotherapy</i> , 2018, 100, 282-295.	2.5	12
56	GLA supplementation regulates PHD2 mediated hypoxia and mitochondrial apoptosis in DMBA induced mammary gland carcinoma. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 96, 51-62.	1.2	38
57	Unraveling the differential structural stability and dynamics features of T7 endolysin partially folded conformations. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 924-935.	1.1	13
58	Molecular cloning and biophysical characterization of CXCL3 chemokine. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 575-584.	3.6	22
59	Novel 1,4-benzothazines obliterate COX-2 mediated JAK-2/STAT-3 signals with potential regulation of oxidative and metabolic stress during colorectal cancer. <i>Pharmacological Research</i> , 2018, 132, 188-203.	3.1	13
60	Mesoporous 3D carbon framework encapsulated manganese oxide nanoparticles as biocompatible T1 MR imaging probe. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 539, 229-236.	2.3	11
61	NMR elucidation of monomer-dimer transition and conformational heterogeneity in histone-like DNA binding protein of <i>Helicobacter pylori</i> . <i>Magnetic Resonance in Chemistry</i> , 2018, 56, 285-299.	1.1	14
62	Isolated mangiferin and naringenin exert antidiabetic effect via PPAR $\gamma$ /GLUT4 dual agonistic action with strong metabolic regulation. <i>Chemico-Biological Interactions</i> , 2018, 280, 33-44.	1.7	70
63	NMR-Based Metabolomic Approach To Elucidate the Differential Cellular Responses during Mitigation of Arsenic(III, V) in a Green Microalga. <i>ACS Omega</i> , 2018, 3, 11847-11856.	1.6	50
64	Biomedical Applications of Magnetic Nanomaterials. , 2018, , 345-389.		9
65	DuCLOX-2/5 Inhibition Attenuates Inflammatory Response and Induces Mitochondrial Apoptosis for Mammary Gland Chemoprevention. <i>Frontiers in Pharmacology</i> , 2018, 9, 314.	1.6	15
66	Poly(lactic-&em&gt;co&lt;/em&gt;-glycolic acid)-loaded nanoparticles of betulinic acid for improved treatment of hepatic cancer: characterization, in vitro and in vivo evaluations. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 975-990.	3.3	37
67	Solution structure and dynamics of glia maturation factor from <i>Caenorhabditis elegans</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2018, 1866, 1008-1020.	1.1	3
68	Structure, dynamics, and biochemical characterization of ADF/cofilin Twinstar from <i>Drosophila melanogaster</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2018, 1866, 885-898.	1.1	5
69	NMR-Based Serum Metabolomics of Patients with Takayasu Arteritis: Relationship with Disease Activity. <i>Journal of Proteome Research</i> , 2018, 17, 3317-3324.	1.8	15
70	NMR-Based Serum Metabolomics Reveals Reprogramming of Lipid Dysregulation Following Cyclophosphamide-Based Induction Therapy in Lupus Nephritis. <i>Journal of Proteome Research</i> , 2018, 17, 2440-2448.	1.8	27
71	NMR Based Metabolomics: An Exquisite and Facile Method for Evaluating Therapeutic Efficacy and Screening Drug Toxicity. <i>Current Topics in Medicinal Chemistry</i> , 2018, 18, 1827-1849.	1.0	27
72	6,7-dimethoxy-1,2,3,4-tetrahydro-isoquinoline-3-carboxylic acid attenuates hepatocellular carcinoma in rats with NMR-based metabolic perturbations. <i>Future Science OA</i> , 2017, 3, FSO202.	0.9	14

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73	Ameliorative effects of pyrazinoic acid against oxidative and metabolic stress manifested in rats with dimethylhydrazine induced colonic carcinoma. <i>Cancer Biology and Therapy</i> , 2017, 18, 304-313.	1.5	18
74	Physicochemical Transformations of ZnO Nanoparticles Dispersed in Peritoneal Dialysis Fluid: Insights into Nano-Bio Interface Interactions. <i>Journal of Physical Chemistry C</i> , 2017, 121, 18598-18607.	1.5	7
75	Design and synthesis of 1,4-benzothiazine derivatives with promising effects against colorectal cancer cells. <i>Cogent Chemistry</i> , 2017, 3, 1303909.	2.5	9
76	NMR-based urinary profiling of lactulose/mannitol ratio used to assess the altered intestinal permeability in acute on chronic liver failure (ACLF) patients. <i>Magnetic Resonance in Chemistry</i> , 2017, 55, 289-296.	1.1	11
77	TSA-promoted syntheses of 5H-benzo[h]thiazolo[2,3-b]quinazoline and indeno[1,2-d]thiazolo[3,2-a]pyrimidine analogs: molecular modeling and in vitro antitumor activity against hepatocellular carcinoma. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 1623-1642.	2.0	23
78	Mapping of Brain Activations to Rectal Balloon Distension Stimuli in Male Patients with Irritable Bowel Syndrome Using Functional Magnetic Resonance Imaging. <i>Journal of Neurogastroenterology and Motility</i> , 2017, 23, 415-427.	0.8	44
79	5H-benzo[h]thiazolo[2,3-b]quinazolines ameliorate NDEA-induced hepatocellular carcinogenesis in rats through IL-6 downregulation along with oxidative and metabolic stress reduction. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 2981-2995.	2.0	18
80	Alpha-linolenic acid stabilizes HIF-1 $\alpha$ and downregulates FASN to promote mitochondrial apoptosis for mammary gland chemoprevention. <i>Oncotarget</i> , 2017, 8, 70049-70071.	0.8	73
81	Serum Metabolic Disturbances Hailing in Initial Hours of Acute Myocardial Infarction Elucidated by NMR based Metabolomics. <i>Current Metabolomics</i> , 2017, 5, 55-67.	0.5	13
82	Elucidating the pH-Dependent Structural Transition of T7 Bacteriophage Endolysin. <i>Biochemistry</i> , 2016, 55, 4614-4625.	1.2	31
83	NMR based serum metabolomics reveals a distinctive signature in patients with Lupus Nephritis. <i>Scientific Reports</i> , 2016, 6, 35309.	1.6	74
84	Isolated flavonoids from <i>Ficus racemosa</i> stem bark possess antidiabetic, hypolipidemic and protective effects in albino Wistar rats. <i>Journal of Ethnopharmacology</i> , 2016, 181, 252-262.	2.0	62
85	<sup>1</sup> H NMR-based serum metabolomics reveals erythromycin-induced liver toxicity in albino Wistar rats. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2016, 8, 327.	0.2	19
86	Use of biologically synthesized antimicrobial nanoparticles for improving peritoneal dialysis technique: a translational research perspective. <i>Journal of Biomedical Research</i> , 2016, 30, 349.	0.7	5
87	Solution structures and dynamics of ADF/cofilins UNC-60A and UNC-60B from <i>Caenorhabditis elegans</i> . <i>Biochemical Journal</i> , 2015, 465, 63-78.	1.7	10
88	NMR-Based Serum Metabolomics Discriminates Takayasu Arteritis from Healthy Individuals: A Proof-of-Principle Study. <i>Journal of Proteome Research</i> , 2015, 14, 3372-3381.	1.8	47
89	Reduced dimensionality (3,2)D NMR experiments and their automated analysis: implications to high-throughput structural studies on proteins. <i>Magnetic Resonance in Chemistry</i> , 2015, 53, 79-87.	1.1	0
90	Indolicidin Targets Duplex DNA: Structural and Mechanistic Insight through a Combination of Spectroscopy and Microscopy. <i>ChemMedChem</i> , 2014, 9, 2052-2058.	1.6	75

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91	Pseudo 5D HN(C)N experiment to facilitate the assignment of backbone resonances in proteins exhibiting high backbone shift degeneracy. <i>Chemical Physics</i> , 2014, 441, 144-151.	0.9	0
92	Metabolite characterisation in peritoneal dialysis effluent using high-resolution <sup>1</sup> H and <sup>13</sup> C NMR spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 2014, 52, 475-479.	1.1	41
93	Reduced dimensionality tailored HN(C)N experiments for facile backbone resonance assignment of proteins through unambiguous identification of sequential HSQC peaks. <i>Journal of Magnetic Resonance</i> , 2013, 237, 85-91.	1.2	2
94	NMR investigations of structural and dynamics features of natively unstructured drug peptide " salmon calcitonin: implication to rational design of potent sCT analogs. <i>Journal of Peptide Science</i> , 2013, 19, 33-45.	0.8	9
95	Reduced dimensionality (4,3)D-hnCOCANH experiment: an efficient backbone assignment tool for NMR studies of proteins. <i>Journal of Structural and Functional Genomics</i> , 2013, 14, 109-118.	1.2	4
96	A unified NMR strategy for high-throughput determination of backbone fold of small proteins. <i>Journal of Structural and Functional Genomics</i> , 2012, 13, 201-212.	1.2	3
97	Direct Sequential Hit Strategy for Unambiguous and Accurate Backbone Assignment of <sup>13</sup> C/ <sup>15</sup> N Labeled Proteins. <i>The National Academy of Sciences, India</i> , 2012, 35, 389-399.	0.8	5
98	Metal Ions as Cofactors for Aggregation of Therapeutic Peptide Salmon Calcitonin. <i>Inorganic Chemistry</i> , 2012, 51, 5642-5650.	1.9	14
99	Facile backbone ( <sup>1</sup> H, <sup>15</sup> N, <sup>13</sup> Ca, and <sup>13</sup> Câ <sup>2</sup> ) assignment of <sup>13</sup> C/ <sup>15</sup> Nâ <sup>2</sup> labeled proteins using orthogonal projection planes of HNN and HN(C)N experiments and its automation. <i>Magnetic Resonance in Chemistry</i> , 2012, 50, 357-363.	1.1	4
100	AUTOBA: Automation of backbone assignment from HN(C)N suite of experiments. <i>Journal of Biomolecular NMR</i> , 2011, 50, 285-297.	1.6	8
101	hNCOcaNH pulse sequence and a robust protocol for rapid and unambiguous assignment of backbone ( <sup>1</sup> H <sup>15</sup> N, <sup>15</sup> N and <sup>13</sup> Câ <sup>2</sup> ) resonances in <sup>15</sup> N/ <sup>13</sup> Câ <sup>2</sup> labeled proteins. <i>Magnetic Resonance in Chemistry</i> , 2011, 49, 575-583.	1.1	7
102	( <sup>15</sup> Nâ <sup>2</sup> edited (4, 3)Dâ <sup>2</sup> H(CC)CONH TOCSY and (4, 3)Dâ <sup>2</sup> NOESY HNCOCANH experiments for unambiguous side chain and NOE assignments of proteins with high shift degeneracy. <i>Magnetic Resonance in Chemistry</i> , 2011, 49, 693-699.	1.1	7
103	BEST-HNN and 2D-(HN)NH experiments for rapid backbone assignment in proteins. <i>Journal of Magnetic Resonance</i> , 2010, 204, 111-117.	1.2	17
104	hNCOcaNH and hncOCANH pulse sequences for rapid and unambiguous backbone assignment in ( <sup>13</sup> C, <sup>15</sup> N) labeled proteins. <i>Journal of Magnetic Resonance</i> , 2010, 206, 134-138.	1.2	9
105	Generation of serine/threonine check points in HN(C)N spectra. <i>Journal of Chemical Sciences</i> , 2009, 121, 955-964.	0.7	10
106	<sup>1</sup> H, <sup>15</sup> N, <sup>13</sup> C resonance assignment of 9.7Å urea-denatured state of the GTPase effector domain (GED) of dynamin. <i>Biomolecular NMR Assignments</i> , 2009, 3, 13-16.	0.4	3
107	Conserved structural and dynamics features in the denatured states of drosophila SUMO, human SUMO and ubiquitin proteins: Implications to sequenceâ <sup>2</sup> folding paradigm. <i>Proteins: Structure, Function and Bioinformatics</i> , 2009, 76, 387-402.	1.5	8
108	NMRâ <sup>2</sup> derived solution structure of SUMO from <i>Drosophila melanogaster</i> (dSmt3). <i>Proteins: Structure, Function and Bioinformatics</i> , 2009, 75, 1046-1050.	1.5	4

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109	Tuning the HNN experiment: generation of serine–threonine check points. Journal of Biomolecular NMR, 2008, 40, 145-152.	1.6	17
110	<sup>1</sup> H, <sup>15</sup> N, <sup>13</sup> C resonance assignment of folded and 8M urea-denatured state of SUMO from Drosophila melanogaster. Biomolecular NMR Assignments, 2008, 2, 13-15.	0.4	9
111	Circulatory histidine levels as predictive indicators of disease activity in takayasu arteritis. Analytical Science Advances, 0, , .	1.2	7
112	NMR-based serum and muscle metabolomics for diagnosis and activity assessment in idiopathic inflammatory myopathies. Analytical Science Advances, 0, , .	1.2	5