Surendra Dasari

List of Publications by Year
in descending order

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127 papers	3,478 citations	117625 34 h-index	175258 52 g-index
129 all docs	129 docs citations	129 times ranked	3779 citing authors

#	Article	IF	Citations
1	A mutation in the SAA1 promoter causes hereditary amyloid A amyloidosis. Kidney International, 2022, 101, 349-359.	5.2	10
2	Targeted Detection of SARS-CoV-2 Nucleocapsid Sequence Variants by Mass Spectrometric Analysis of Tryptic Peptides. Journal of Proteome Research, 2022, 21, 142-150.	3.7	9
3	The characteristics of patients with kidney light chain deposition disease concurrent with light chain amyloidosis. Kidney International, 2022, 101, 152-163.	5.2	6
4	Sustained, complete response to pexidartinib in a patient with <scp>CSF1R</scp>â€mutated Erdheimâ€“Chester disease. American Journal of Hematology, 2022, 97, 293-302.	4.1	9
5	Detection of Plasma Cell Disorders by Mass Spectrometry: A Comprehensive Review of 19,523 Cases. Mayo Clinic Proceedings, 2022, 97, 294-307.	3.0	16
6	Wholeâ€exome sequencing of transforming oral lichen planus reveals mutations in DNA damage repair and apoptosis pathway genes. Journal of Oral Pathology and Medicine, 2022, 51, 395-404.	2.7	5
7	Mass-Fix better predicts for PFS and OS than standard methods among multiple myeloma patients participating on the STAMINA trial (BMT CTN 0702 /07LT). Blood Cancer Journal, 2022, 12, 27.	6.2	19
8	Bone marrow amyloid: a comprehensive analysis of 1,469 samples, including amyloid type, clinical features, and morphologic distribution. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2022, 29, 156-164.	3.0	5
9	Proteomic profiling of sporadic lateâ€onset nemaline myopathy. Annals of Clinical and Translational Neurology, 2022, 9, 391-402.	3.7	4
10	Immune Checkpoint Inhibitor-Induced Hypophysitis: Lessons Learnt from a Large Cancer Cohort. Journal of Investigative Medicine, 2022, 70, 939-946.	1.6	19
11	Impact of obesity on the molecular response to a single bout ofÂexercise in a preliminary human cohort. Obesity, 2022, 30, 1091-1104.	3.0	5
12	Enhancement of anaerobic glycolysis â€“ a role of PGC-1Î±4 in resistance exercise. Nature Communications, 2022, 13, 2324.	12.8	23
13	A novel substitution of proline (P32L) destabilises Î²2-microglobulin inducing hereditary systemic amyloidosis. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2022, , 1-8.	3.0	2
14	<scp>RNAseq</scp> identification of <scp>FISH</scp> â€cryptic <scp>BCL6</scp> :: <scp>TP63</scp> rearrangement in <scp>ALK</scp> â€negative anaplastic large cell lymphoma. Histopathology, 2022, , .	2.9	4
15	Machine Learning-Based Fragment Selection Improves the Performance of Qualitative PRM Assays. Journal of Proteome Research, 2022, 21, 2045-2054.	3.7	2
16	Molecular profiling reveals a hypoxia signature in breast implant-associated anaplastic large cell lymphoma. Haematologica, 2021, 106, 1714-1724.	3.5	30
17	The novel form of amyloidosis derived from EGFâ€containing fibulinâ€like extracellular matrix protein 1 (EFEMP1) preferentially affects the lower gastrointestinal tract of elderly females^a. Histopathology, 2021, 78, 459-463.	2.9	7
18	Nonâ€cardiac biopsy sites with high frequency of transthyretin amyloidosis. ESC Heart Failure, 2021, 8, 750-755.	3.1	7

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19	Proteomic analysis of human iPSC-derived sensory neurons implicates cell stress and microtubule dynamics dysfunction in bortezomib-induced peripheral neurotoxicity. Experimental Neurology, 2021, 335, 113520.	4.1	6
20	Relapsed multiple myeloma demonstrates distinct patterns of immune microenvironment and malignant cell-mediated immunosuppression. Blood Cancer Journal, 2021, 11, 45.	6.2	24
21	MASS-FIX for the detection of monoclonal proteins and light chain N-glycosylation in routine clinical practice: a cross-sectional study of 6315 patients. Blood Cancer Journal, 2021, 11, 50.	6.2	25
22	The significance of gradient expression of chromosome region maintenance protein 1 (exportin1) in large cell lymphoma. Haematologica, 2021, 106, 2261-2264.	3.5	0
23	Clearing drug interferences in myeloma treatment using mass spectrometry. Clinical Biochemistry, 2021, 92, 61-66.	1.9	9
24	IGVL gene region usage correlates with distinct clinical presentation in IgM vs non-IgM light chain amyloidosis. Blood Advances, 2021, 5, 2101-2105.	5.2	7
25	Paraneoplastic REG1Î± Cast NephropathyÂAssociated With Mixed Acinar-Neuroendocrine Carcinoma. Kidney International Reports, 2021, 6, 1178-1182.	0.8	1
26	The Clinical Impact of Proteomics in Amyloid Typing. Mayo Clinic Proceedings, 2021, 96, 1122-1127.	3.0	9
27	Donor-Derived ALECT2 Amyloidosis and Recurrent Fibrillary Glomerulonephritis in a Transplant Allograft. Kidney Medicine, 2021, 3, 433-437.	2.0	2
28	Treatment of AL Amyloidosis: Mayo Stratification of Myeloma and Risk-Adapted Therapy (mSMART) Consensus Statement 2020 Update. Mayo Clinic Proceedings, 2021, 96, 1546-1577.	3.0	32
29	Clinical Mass Spectrometry Approaches to Myeloma and Amyloidosis. Clinics in Laboratory Medicine, 2021, 41, 203-219.	1.4	11
30	Belantamab mafodotin detection by MASS-FIX and immunofixation. Clinical Chemistry and Laboratory Medicine, 2021, 59, e430-e433.	2.3	1
31	A size-exclusion-based approach for purifying extracellular vesicles from human plasma. Cell Reports Methods, 2021, 1, 100055.	2.9	25
32	MCIR1: A patientâ€derived mantle cell lymphoma line for discovering new treatments for ibrutinib resistance. European Journal of Haematology, 2021, 107, 458-465.	2.2	1
33	A mass spectrometry-based targeted assay for detection of SARS-CoV-2 antigen from clinical specimens. EBioMedicine, 2021, 69, 103465.	6.1	44
34	Analytical Sensitivity and Specificity of Four Point of Care Rapid Antigen Diagnostic Tests for SARS-CoV-2 Using Real-Time Quantitative PCR, Quantitative Droplet Digital PCR, and a Mass Spectrometric Antigen Assay as Comparator Methods. Clinical Chemistry, 2021, 67, 1545-1553.	3.2	22
35	Somatostatin-derived amyloidosis: a novel type of amyloidosis associated with well-differentiated somatostatin-producing neuroendocrine tumours. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2021, , 1-6.	3.0	2
36	Intestinal chemosensitivity in irritable bowel syndrome associates with small intestinal TRPV channel expression. Alimentary Pharmacology and Therapeutics, 2021, 54, 1179-1192.	3.7	17

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37	Proteomic profile of vitreous in patients with tubercular uveitis. Tuberculosis, 2021, 126, 102036.	1.9	8
38	Striking Association of Lymphoid Enhancing Factor (LEF1) Overexpression and DUSP22 Rearrangements in Anaplastic Large Cell Lymphoma. American Journal of Surgical Pathology, 2021, 45, 550-557.	3.7	20
39	Automation and validation of a MALDI-TOF MS (Mass-Fix) replacement of immunofixation electrophoresis in the clinical lab. Clinical Chemistry and Laboratory Medicine, 2021, 59, 155-163.	2.3	28
40	Editorial: understanding IBS pathophysiology through â€œconverging channelsâ€•of researchâ€”authorsâ€™ reply. Alimentary Pharmacology and Therapeutics, 2021, 54, 1215-1216.	3.7	0
41	SeekFusion - A Clinically Validated Fusion Transcript Detection Pipeline for PCR-Based Next-Generation Sequencing of RNA. Frontiers in Genetics, 2021, 12, 739054.	2.3	9
42	Mismatch-Repair Deficiency in Follicular Lymphoma Tumors Is Common and Associated with a Favorable Overall Survival. Blood, 2021, 138, 3523-3523.	1.4	0
43	Single-Cell RNA-Seq Analysis of CD138-Depleted Bone Marrow Samples Reveals Genetic Alterations and Disease Progression Correlate with Tumor and Bone Marrow Immune Microenvironment in the Mmrf Commpass Study. Blood, 2021, 138, 2691-2691.	1.4	0
44	Tumor Mutational Burden in Histiocytic Neoplasms. Blood, 2021, 138, 3634-3634.	1.4	0
45	Automation of hybridization and capture based next generation sequencing library preparation requires reduction of on-deck bead binding and heated wash temperatures. SLAS Technology, 2021, , .	1.9	0
46	First Report of Bilateral External Auditory Canal Cochlin Aggregates (â€œCochlinomasâ€) with Multifocal Amyloid-Like Deposits, Associated with Sensorineural Hearing Loss and a Novel Genetic Variant in COCH Encoding Cochlin. Head and Neck Pathology, 2020, 14, 808-816.	2.6	2
47	Amyloidosis in surgically resected atrial appendages: a study of 345 consecutive cases with clinical implications. Modern Pathology, 2020, 33, 764-774.	5.5	7
48	Light chain only variant of proliferative glomerulonephritis with monoclonal immunoglobulin deposits is associated with a high detection rate of the pathogenic plasma cell clone. Kidney International, 2020, 97, 589-601.	5.2	32
49	Targetability of STAT3-JAK2 fusions: implications for T-cell lymphoproliferative disorders of the gastrointestinal tract. Leukemia, 2020, 34, 1467-1471.	7.2	7
50	IgM AL amyloidosis: delineating disease biology and outcomes with clinical, genomic and bone marrow morphological features. Leukemia, 2020, 34, 1373-1382.	7.2	40
51	PD-L1 expression in anaplastic large cell lymphoma. Modern Pathology, 2020, 33, 1232-1233.	5.5	2
52	Dissemination and analysis of the quality assurance (QA) and quality control (QC) practices of LCâ€“MS based untargeted metabolomics practitioners. Metabolomics, 2020, 16, 113.	3.0	56
53	Carboxypeptidase A1 and regenerating islet-derived 1Î± as new markers for pancreatic acinar cell carcinoma. Human Pathology, 2020, 103, 120-126.	2.0	10
54	Obese-Inflammatory Phenotypes in Heart Failure With Preserved Ejection Fraction. Circulation: Heart Failure, 2020, 13, e006414.	3.9	52

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55	Amyloid Typing by Mass Spectrometry in Clinical Practice: a Comprehensive Review of 16,175 Samples. Mayo Clinic Proceedings, 2020, 95, 1852-1864.	3.0	105
56	N-glycosylation of monoclonal light chains on routine MASS-FIX testing is a risk factor for MGUS progression. Leukemia, 2020, 34, 2749-2753.	7.2	43
57	A rare case of selective Igî° chain deficiency: Biologic and clinical implications. Journal of Allergy and Clinical Immunology, 2020, 146, 1208-1210.e6.	2.9	2
58	Blood mass spectrometry detects residual disease better than standard techniques in light-chain amyloidosis. Blood Cancer Journal, 2020, 10, 20.	6.2	26
59	Mass cytometry identifies expansion of double positive and exhausted T cell subsets in the tumour microenvironment of patients with POEMS syndrome. British Journal of Haematology, 2020, 190, 79-83.	2.5	3
60	Glycosylation of immunoglobulin light chains is highly prevalent in cold agglutinin disease. American Journal of Hematology, 2020, 95, E222-E225.	4.1	15
61	MASS-FIX for the Diagnosis of Plasma Cell Disorders: A Single Institution Experience of 4118 Patients. Blood, 2020, 136, 48-49.	1.4	2
62	Phenotypic and Functional Characterization of Multiple Myeloma By Single Cell Mass Cytometry (CyTOF). Blood, 2020, 136, 40-41.	1.4	0
63	A Cross Sectional Evaluation of Light Chain N-Glycosylation By MASS-FIX in Plasma Cell Disorders. Blood, 2020, 136, 44-45.	1.4	0
64	Salicylates Potentiate and Broaden CRM1 Inhibitor Anti-Tumor Activity Via S-Phase Arrest and Impaired DNA-Damage Repair. Blood, 2020, 136, 17-18.	1.4	0
65	Striking Association of Lymphoid Enhancing Factor (LEF1) Overexpression and DUSP22 rearrangements in Anaplastic Large Cell Lymphoma. Blood, 2020, 136, 22-23.	1.4	0
66	Describing the Cellular and Humoral Immune Tumor Microenvironment and Malignant Transcriptome across the Multiple Myeloma Disease Spectrum. Blood, 2020, 136, 39-40.	1.4	2
67	Assay to rapidly screen for immunoglobulin light chain glycosylation: a potential path to earlier AL diagnosis for a subset of patients. Leukemia, 2019, 33, 254-257.	7.2	53
68	Mass cytometry dissects T cell heterogeneity in the immune tumor microenvironment of common dysproteinemias at diagnosis and after first line therapies. Blood Cancer Journal, 2019, 9, 72.	6.2	34
69	Metabolic Syndrome Interferes with Packaging of Proteins within Porcine Mesenchymal Stem Cellâ€Derived Extracellular Vesicles. Stem Cells Translational Medicine, 2019, 8, 430-440.	3.3	24
70	Recurrent MSCE116K mutations in ALK-negative anaplastic large cell lymphoma. Blood, 2019, 133, 2776-2789.	1.4	55
71	TFAM Enhances Fat Oxidation and Attenuates High-Fat Dietâ€“Induced Insulin Resistance in Skeletal Muscle. Diabetes, 2019, 68, 1552-1564.	0.6	54
72	AMPK and PPARÎ² positive feedback loop regulates endurance exercise training-mediated GLUT4 expression in skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E931-E939.	3.5	27

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73	Two types of amyloidosis presenting in a single patient: a case series. Blood Cancer Journal, 2019, 9, 30.	6.2	48
74	Paraneoplastic Cast Nephropathy Associated With Pancreatic Mixed Acinar-Neuroendocrine Carcinoma: A Case Report. American Journal of Kidney Diseases, 2019, 74, 558-562.	1.9	5
75	Heavy Chain Fibrillary Glomerulonephritis: A Case Report. American Journal of Kidney Diseases, 2019, 74, 276-280.	1.9	16
76	Serum levels of DNAJB9 are elevated in fibrillaryÂglomerulonephritis patients. Kidney International, 2019, 95, 1269-1272.	5.2	26
77	Monoclonal gammopathy plus positive amyloid biopsy does not always equal AL amyloidosis. American Journal of Hematology, 2019, 94, E141-E143.	4.1	17
78	Detection and prevalence of monoclonal gammopathy of undetermined significance: a study utilizing mass spectrometry-based monoclonal immunoglobulin rapid accurate mass measurement. Blood Cancer Journal, 2019, 9, 102.	6.2	57
79	Towards quality assurance and quality control in untargeted metabolomics studies. Metabolomics, 2019, 15, 4.	3.0	101
80	DNAJB9 Is a Specific Immunohistochemical Marker for Fibrillary Glomerulonephritis. Kidney International Reports, 2018, 3, 56-64.	0.8	109
81	Proteogenomic Reâ€Annotation of Coccidioides posadasii Strain Silveira. Proteomics, 2018, 18, 1700173.	2.2	21
82	Molecular profiling reveals immunogenic cues in anaplastic large cell lymphomas with DUSP22 rearrangements. Blood, 2018, 132, 1386-1398.	1.4	97
83	Apolipoprotein CII Amyloidosis Associated With p.Lys41Thr Mutation. Kidney International Reports, 2018, 3, 1193-1201.	0.8	21
84	Unusual duplication mutation in a surface loop of human transthyretin leads to an aggressive drug-resistant amyloid disease. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E6428-E6436.	7.1	26
85	Remodeling of skeletal muscle mitochondrial proteome with high-fat diet involves greater changes to Î²-oxidation than electron transfer proteins in mice. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E425-E434.	3.5	14
86	A Patient With Hereditary ATTR and a Novel AGel p.Ala578Pro Amyloidosis. Mayo Clinic Proceedings, 2018, 93, 1678-1682.	3.0	18
87	MASSâ€FIX may allow identification of patients at risk for light chain amyloidosis before the onset of symptoms. American Journal of Hematology, 2018, 93, E368-E370.	4.1	34
88	Congophilic Fibrillary Glomerulonephritis: A Case Series. American Journal of Kidney Diseases, 2018, 72, 325-336.	1.9	55
89	Mass Cytometry Identifies Immunomic Shifts in the Bone Marrow Microenvironment of Multiple Myeloma and Light Chain Amyloidosis after Standard of Care First Line Therapies. Blood, 2018, 132, 1879-1879.	1.4	1
90	Mass Spectrometry to Measure Response in Immunoglobulin Light Chain Amyloidosis (AL). Blood, 2018, 132, 4502-4502.	1.4	0

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91	Plasma Cell Disorders in Patients with Age-Related Transthyretin (ATTRwt) Amyloidosis. Blood, 2018, 132, 5610-5610.	1.4	0
92	Novel Type of Renal Amyloidosis Derived from Apolipoprotein-CII. Journal of the American Society of Nephrology: JASN, 2017, 28, 439-445.	6.1	57
93	Hereditary Lysozyme Amyloidosis Variant p.Leu102Ser Associates with Unique Phenotype. Journal of the American Society of Nephrology: JASN, 2017, 28, 431-438.	6.1	27
94	Expression of p63 protein in anaplastic large cell lymphoma: implications for genetic subtyping. Human Pathology, 2017, 64, 19-27.	2.0	41
95	Clinical, biopsy, and mass spectrometry findings of renal gelsolin amyloidosis. Kidney International, 2017, 91, 964-971.	5.2	21
96	Apolipoprotein A-IVâ€“Associated Cardiac Amyloidosis. Journal of the American College of Cardiology, 2017, 69, 2248-2249.	2.8	21
97	The utility of MASSâ€FIX to detect and monitor monoclonal proteins in the clinic. American Journal of Hematology, 2017, 92, 772-779.	4.1	93
98	Assessment of renal response with urinary exosomes in patients with AL amyloidosis: A proof of concept. American Journal of Hematology, 2017, 92, 536-541.	4.1	16
99	Clarifying immunoglobulin gene usage in systemic and localized immunoglobulin light-chain amyloidosis by mass spectrometry. Blood, 2017, 129, 299-306.	1.4	99
100	Acquired transthyretin amyloidosis after domino liver transplant: Phenotypic correlation, implication of liver retransplantation. Journal of the Neurological Sciences, 2017, 379, 192-197.	0.6	9
101	CircularLogo: A lightweight web application to visualize intra-motif dependencies. BMC Bioinformatics, 2017, 18, 269.	2.6	5
102	Integrated transcriptomic and proteomic analysis of the molecular cargo of extracellular vesicles derived from porcine adipose tissue-derived mesenchymal stem cells. PLoS ONE, 2017, 12, e0174303.	2.5	76
103	Retinoic acid receptor alpha drives cell cycle progression and is associated with increased sensitivity to retinoids in T-cell lymphoma. Oncotarget, 2017, 8, 26245-26255.	1.8	14
104	Characterizing the amyloidogenic protein in patients with light chain amyloidosis using mass spectrometry.. Journal of Clinical Oncology, 2017, 35, e19534-e19534.	1.6	0
105	Comprehensive Assessment of M-Proteins Using Nanobody Enrichment Coupled to MALDI-TOF Mass Spectrometry. Clinical Chemistry, 2016, 62, 1334-1344.	3.2	122
106	Release of skeletal muscle peptide fragments identifies individual proteins degraded during insulin deprivation in type 1 diabetic humans and mice. American Journal of Physiology - Endocrinology and Metabolism, 2016, 311, E628-E637.	3.5	26
107	Using Mass Spectrometry to Quantify Rituximab and Perform Individualized Immunoglobulin Phenotyping in ANCA-Associated Vasculitis. Analytical Chemistry, 2016, 88, 6317-6325.	6.5	24
108	Comparative proteomic analysis of extracellular vesicles isolated from porcine adipose tissue-derived mesenchymal stem/stromal cells. Scientific Reports, 2016, 6, 36120.	3.3	112

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109	Clinical, biopsy, and mass spectrometry characteristics of renal apolipoprotein A-IVÂamyloidosis. Kidney International, 2016, 90, 658-664.	5.2	42
110	Correlation of histomorphological pattern of cardiac amyloid deposition with amyloid type: a histological and proteomic analysis of 108 cases. Histopathology, 2016, 68, 648-656.	2.9	48
111	Hepatic adenomas with synchronous or metachronous fibrolamellar carcinomas: both are characterized by LFABP loss. Modern Pathology, 2016, 29, 607-615.	5.5	20
112	C4 Glomerulopathy: A Disease Entity Associated WithÂC4dÂDeposition. American Journal of Kidney Diseases, 2016, 67, 949-953.	1.9	23
113	Leukocyte chemotactic factor 2 amyloidosis (ALECT2) is a common form of renal amyloidosis among Egyptians. Modern Pathology, 2016, 29, 416-420.	5.5	41
114	Clonotypic Light Chain Peptides Identified for Monitoring Minimal Residual Disease in Multiple Myeloma without Bone Marrow Aspiration. Clinical Chemistry, 2016, 62, 243-251.	3.2	57
115	Proteomic Detection of Immunoglobulin Light Chain Variable Region Peptides from Amyloidosis Patient Biopsies. Journal of Proteome Research, 2015, 14, 1957-1967.	3.7	50
116	Clinical diagnosis and typing of systemic amyloidosis in subcutaneous fat aspirates by mass spectrometry-based proteomics. Haematologica, 2014, 99, 1239-1247.	3.5	140
117	Using Mass Spectrometry to Monitor Monoclonal Immunoglobulins in Patients with a Monoclonal Gammopathy. Journal of Proteome Research, 2014, 13, 1419-1427.	3.7	116
118	Clinical Proteome Informatics Workbench Detects Pathogenic Mutations in Hereditary Amyloidoses. Journal of Proteome Research, 2014, 13, 2352-2358.	3.7	40
119	Leukocyte cell-derived chemotaxin 2 (LECT2)â€“associated amyloidosis is a frequent cause of hepatic amyloidosis in the United States. Blood, 2014, 123, 1479-1482.	1.4	70
120	Clarifying immunoglobulin gene usage in immunoglobulin light chain amyloidosis by mass spectrometry of amyloid in clinical tissue specimens.. Journal of Clinical Oncology, 2014, 32, 8605-8605.	1.6	1
121	Shotgunâ€proteomicsâ€based clinical testing for diagnosis and classification of amyloidosis. Journal of Mass Spectrometry, 2013, 48, 1067-1077.	1.6	62
122	Proteome Of Amyloidosis: Mayo Clinic Experience In 4139 Cases. Blood, 2013, 122, 1900-1900.	1.4	13
123	Deep Proteomic Profiling Predicts Differential Chemosensitivity In Anaplastic Large Cell Lymphoma Cell Lines. Blood, 2013, 122, 1670-1670.	1.4	0
124	Mass Spectrometry-Based Proteomics Reveals Distinct Immunoglobulin Light Chain Variable Region Usage In Systemic Versus Localized AL Amyloidosis. Blood, 2013, 122, 3142-3142.	1.4	0
125	Pepitome: Evaluating Improved Spectral Library Search for Identification Complementarity and Quality Assessment. Journal of Proteome Research, 2012, 11, 1686-1695.	3.7	58
126	Sequence Tagging Reveals Unexpected Modifications in Toxicoproteomics. Chemical Research in Toxicology, 2011, 24, 204-216.	3.3	25

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127	TagRecon: High-Throughput Mutation Identification through Sequence Tagging. Journal of Proteome Research, 2010, 9, 1716-1726.	3.7	104