## Surendra Dasari

List of Publications by Year in descending order

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127 3,478
papers citations h

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h-index g-index

129 129 all docs citations

129 times ranked 3779 citing authors

#	Article	IF	CITATIONS
1	Clinical diagnosis and typing of systemic amyloidosis in subcutaneous fat aspirates by mass spectrometry-based proteomics. Haematologica, 2014, 99, 1239-1247.	3.5	140
2	Comprehensive Assessment of M-Proteins Using Nanobody Enrichment Coupled to MALDI-TOF Mass Spectrometry. Clinical Chemistry, 2016, 62, 1334-1344.	3.2	122
3	Using Mass Spectrometry to Monitor Monoclonal Immunoglobulins in Patients with a Monoclonal Gammopathy. Journal of Proteome Research, 2014, 13, 1419-1427.	3.7	116
4	Comparative proteomic analysis of extracellular vesicles isolated from porcine adipose tissue-derived mesenchymal stem/stromal cells. Scientific Reports, 2016, 6, 36120.	3.3	112
5	DNAJB9 Is a Specific Immunohistochemical Marker for Fibrillary Glomerulonephritis. Kidney International Reports, 2018, 3, 56-64.	0.8	109
6	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
7	TagRecon: High-Throughput Mutation Identification through Sequence Tagging. Journal of Proteome Research, 2010, 9, 1716-1726.	3.7	104
8	Towards quality assurance and quality control in untargeted metabolomics studies. Metabolomics, 2019, 15, 4.	3.0	101
9	Clarifying immunoglobulin gene usage in systemic and localized immunoglobulin light-chain amyloidosis by mass spectrometry. Blood, 2017, 129, 299-306.	1.4	99
10	Molecular profiling reveals immunogenic cues in anaplastic large cell lymphomas with DUSP22 rearrangements. Blood, 2018, 132, 1386-1398.	1.4	97
11	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
12	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
13	Leukocyte cell-derived chemotaxin 2 (LECT2)–associated amyloidosis is a frequent cause of hepatic amyloidosis in the United States. Blood, 2014, 123, 1479-1482.	1.4	70
14	Shotgunâ€proteomicsâ€based clinical testing for diagnosis and classification of amyloidosis. Journal of Mass Spectrometry, 2013, 48, 1067-1077.	1.6	62
15	Pepitome: Evaluating Improved Spectral Library Search for Identification Complementarity and Quality Assessment. Journal of Proteome Research, 2012, 11, 1686-1695.	3.7	58
16	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
17	Novel Type of Renal Amyloidosis Derived from Apolipoprotein-CII. Journal of the American Society of Nephrology: JASN, 2017, 28, 439-445.	6.1	57
18	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

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19	Dissemination and analysis of the quality assurance (QA) and quality control (QC) practices of LC–MS based untargeted metabolomics practitioners. Metabolomics, 2020, 16, 113.	3.0	56
20	Congophilic Fibrillary Glomerulonephritis: A Case Series. American Journal of Kidney Diseases, 2018, 72, 325-336.	1.9	55
21	Recurrent MSCE116K mutations in ALK-negative anaplastic large cell lymphoma. Blood, 2019, 133, 2776-2789.	1.4	55
22	TFAM Enhances Fat Oxidation and Attenuates High-Fat Diet–Induced Insulin Resistance in Skeletal Muscle. Diabetes, 2019, 68, 1552-1564.	0.6	54
23	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
24	Obese-Inflammatory Phenotypes in Heart Failure With Preserved Ejection Fraction. Circulation: Heart Failure, 2020, 13, e006414.	3.9	52
25	Proteomic Detection of Immunoglobulin Light Chain Variable Region Peptides from Amyloidosis Patient Biopsies. Journal of Proteome Research, 2015, 14, 1957-1967.	3.7	50
26	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
27	Two types of amyloidosis presenting in a single patient: a case series. Blood Cancer Journal, 2019, 9, 30.	6.2	48
28	A mass spectrometry-based targeted assay for detection of SARS-CoV-2 antigen from clinical specimens. EBioMedicine, 2021, 69, 103465.	6.1	44
29	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
30	Clinical, biopsy, and mass spectrometry characteristics of renal apolipoprotein A-IVÂamyloidosis. Kidney International, 2016, 90, 658-664.	5.2	42
31	Leukocyte chemotactic factor 2 amyloidosis (ALECT2) is a common form of renal amyloidosis among Egyptians. Modern Pathology, 2016, 29, 416-420.	5.5	41
32	Expression of p63 protein in anaplastic large cell lymphoma: implications for genetic subtyping. Human Pathology, 2017, 64, 19-27.	2.0	41
33	Clinical Proteome Informatics Workbench Detects Pathogenic Mutations in Hereditary Amyloidoses. Journal of Proteome Research, 2014, 13, 2352-2358.	3.7	40
34	IgM AL amyloidosis: delineating disease biology and outcomes with clinical, genomic and bone marrow morphological features. Leukemia, 2020, 34, 1373-1382.	7.2	40
35	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
36	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

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37	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
38	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
39	Molecular profiling reveals a hypoxia signature in breast implant-associated anaplastic large cell lymphoma. Haematologica, 2021, 106, 1714-1724.	3.5	30
40	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
41	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
42	AMPK and PPAR $\hat{l}^2$ positive feedback loop regulates endurance exercise training-mediated GLUT4 expression in skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E931-E939.	<b>3.</b> 5	27
43	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 <b>.</b> 5	26
44	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
45	Serum levels of DNAJB9 are elevated in fibrillaryÂglomerulonephritis patients. Kidney International, 2019, 95, 1269-1272.	5.2	26
46	Blood mass spectrometry detects residual disease better than standard techniques in light-chain amyloidosis. Blood Cancer Journal, 2020, 10, 20.	6.2	26
47	Sequence Tagging Reveals Unexpected Modifications in Toxicoproteomics. Chemical Research in Toxicology, 2011, 24, 204-216.	3.3	25
48	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
49	A size-exclusion-based approach for purifying extracellular vesicles from human plasma. Cell Reports Methods, 2021, 1, 100055.	2.9	25
50	Using Mass Spectrometry to Quantify Rituximab and Perform Individualized Immunoglobulin Phenotyping in ANCA-Associated Vasculitis. Analytical Chemistry, 2016, 88, 6317-6325.	6.5	24
51	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
52	Relapsed multiple myeloma demonstrates distinct patterns of immune microenvironment and malignant cell-mediated immunosuppression. Blood Cancer Journal, 2021, 11, 45.	6.2	24
53	C4 Glomerulopathy: A Disease Entity Associated WithÂC4dÂDeposition. American Journal of Kidney Diseases, 2016, 67, 949-953.	1.9	23
54	Enhancement of anaerobic glycolysis – a role of PGC-1α4 in resistance exercise. Nature Communications, 2022, 13, 2324.	12.8	23

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55	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
56	Clinical, biopsy, and mass spectrometry findings of renal gelsolin amyloidosis. Kidney International, 2017, 91, 964-971.	5.2	21
57	Apolipoprotein A-IV–Associated Cardiac Amyloidosis. Journal of the American College of Cardiology, 2017, 69, 2248-2249.	2.8	21
58	Proteogenomic Reâ€Annotation of <i>Coccidioides posadasii</i> Strain Silveira. Proteomics, 2018, 18, 1700173.	2.2	21
59	Apolipoprotein CII Amyloidosis Associated With p.Lys41Thr Mutation. Kidney International Reports, 2018, 3, 1193-1201.	0.8	21
60	Hepatic adenomas with synchronous or metachronous fibrolamellar carcinomas: both are characterized by LFABP loss. Modern Pathology, 2016, 29, 607-615.	5.5	20
61	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
62	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
63	Immune Checkpoint Inhibitor-Induced Hypophysitis: Lessons Learnt from a Large Cancer Cohort. Journal of Investigative Medicine, 2022, 70, 939-946.	1.6	19
64	A Patient With Hereditary ATTR and a Novel AGel p.Ala578Pro Amyloidosis. Mayo Clinic Proceedings, 2018, 93, 1678-1682.	3.0	18
65	Monoclonal gammopathy plus positive amyloid biopsy does not always equal AL amyloidosis. American Journal of Hematology, 2019, 94, E141-E143.	4.1	17
66	Intestinal chemosensitivity in irritable bowel syndrome associates with small intestinal TRPV channel expression. Alimentary Pharmacology and Therapeutics, 2021, 54, 1179-1192.	3.7	17
67	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
68	Heavy Chain Fibrillary Glomerulonephritis: A Case Report. American Journal of Kidney Diseases, 2019, 74, 276-280.	1.9	16
69	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
70	Glycosylation of immunoglobulin light chains is highly prevalent in cold agglutinin disease. American Journal of Hematology, 2020, 95, E222-E225.	4.1	15
71	Remodeling of skeletal muscle mitochondrial proteome with high-fat diet involves greater changes to $\hat{l}^2$ -oxidation than electron transfer proteins in mice. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E425-E434.	3.5	14
72	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

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73	Proteome Of Amyloidosis: Mayo Clinic Experience In 4139 Cases. Blood, 2013, 122, 1900-1900.	1.4	13
74	Clinical Mass Spectrometry Approaches to Myeloma and Amyloidosis. Clinics in Laboratory Medicine, 2021, 41, 203-219.	1.4	11
75	Carboxypeptidase A1 and regenerating islet-derived $1\hat{l}_{\pm}$ as new markers for pancreatic acinar cell carcinoma. Human Pathology, 2020, 103, 120-126.	2.0	10
76	A mutation in the SAA1 promoter causes hereditary amyloid A amyloidosis. Kidney International, 2022, 101, 349-359.	5.2	10
77	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
78	Clearing drug interferences in myeloma treatment using mass spectrometry. Clinical Biochemistry, 2021, 92, 61-66.	1.9	9
79	The Clinical Impact of Proteomics in Amyloid Typing. Mayo Clinic Proceedings, 2021, 96, 1122-1127.	3.0	9
80	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
81	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
82	Sustained, complete response to pexidartinib in a patient with ⟨scp⟩⟨i⟩CSF1R⟨ i⟩⟨ scp⟩â€mutated Erdheim–Chester disease. American Journal of Hematology, 2022, 97, 293-302.	4.1	9
83	Proteomic profile of vitreous in patients with tubercular uveitis. Tuberculosis, 2021, 126, 102036.	1.9	8
84	Amyloidosis in surgically resected atrial appendages: a study of 345 consecutive cases with clinical implications. Modern Pathology, 2020, 33, 764-774.	5.5	7
85	Targetability of STAT3-JAK2 fusions: implications for T-cell lymphoproliferative disorders of the gastrointestinal tract. Leukemia, 2020, 34, 1467-1471.	7.2	7
86	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 <sup>a</sup> . Histopathology, 2021, 78, 459-463.	2.9	7
87	Nonâ€cardiac biopsy sites with high frequency of transthyretin amyloidosis. ESC Heart Failure, 2021, 8, 750-755.	3.1	7
88	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
89	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
90	The characteristics of patients with kidney light chain deposition disease concurrent with light chain amyloidosis. Kidney International, 2022, 101, 152-163.	5.2	6

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91	CircularLogo: A lightweight web application to visualize intra-motif dependencies. BMC Bioinformatics, 2017, 18, 269.	2.6	5
92	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
93	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
94	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
95	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
96	Proteomic profiling of sporadic lateâ€onset nemaline myopathy. Annals of Clinical and Translational Neurology, 2022, 9, 391-402.	3.7	4
97	<scp>RNAseq</scp> identification of <scp>FISH</scp> â€cryptic <i> <scp>BCL6</scp> :: <scp>TP63</scp> </i> rearrangement in <scp>ALK</scp> â€negative anaplastic large cell lymphoma. Histopathology, 2022, ,	2.9	4
98	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
99	First Report of Bilateral External Auditory Canal Cochlin Aggregates ("Cochlinomasâ€) 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
100	PD-L1 expression in anaplastic large cell lymphoma. Modern Pathology, 2020, 33, 1232-1233.	5 <b>.</b> 5	2
101	A rare case of selective $\lg^{\hat{p}}$ chain deficiency: Biologic and clinical implications. Journal of Allergy and Clinical Immunology, 2020, 146, 1208-1210.e6.	2.9	2
102	Donor-Derived ALECT2 Amyloidosis and Recurrent Fibrillary Glomerulonephritis in a Transplant Allograft. Kidney Medicine, 2021, 3, 433-437.	2.0	2
103	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
104	MASS-FIX for the Diagnosis of Plasma Cell Disorders: A Single Institution Experience of 4118 Patients. Blood, 2020, 136, 48-49.	1.4	2
105	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
106	A novel substitution of proline (P32L) destabilises $\hat{l}^2$ 2-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
107	Machine Learning-Based Fragment Selection Improves the Performance of Qualitative PRM Assays. Journal of Proteome Research, 2022, 21, 2045-2054.	3.7	2
108	Paraneoplastic REG1α Cast NephropathyÂAssociated With Mixed Acinar-Neuroendocrine Carcinoma. Kidney International Reports, 2021, 6, 1178-1182.	0.8	1

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109	Belantamab mafodotin detection by MASS-FIX and immunofixation. Clinical Chemistry and Laboratory Medicine, 2021, 59, e430-e433.	2.3	1
110	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
111	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
112	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
113	The significance of gradient expression of chromosome region maintenance protein 1 (exportin1) in large cell lymphoma. Haematologica, 2021, 106, 2261-2264.	3.5	0
114	Editorial: understanding IBS pathophysiology through "converging channels―of research—authors' reply. Alimentary Pharmacology and Therapeutics, 2021, 54, 1215-1216.	3.7	0
115	Deep Proteomic Profiling Predicts Differential Chemosensitivity In Anaplastic Large Cell Lymphoma Cell Lines. Blood, 2013, 122, 1670-1670.	1.4	0
116	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
117	Characterizing the amyloidogenic protein in patients with light chain amyloidosis using mass spectrometry Journal of Clinical Oncology, 2017, 35, e19534-e19534.	1.6	0
118	Mass Spectrometry to Measure Response in Immunoglobulin Light Chain Amyloidosis (AL). Blood, 2018, 132, 4502-4502.	1.4	0
119	Plasma Cell Disorders in Patients with Age-Related Transthyretin (ATTRwt) Amyloidosis. Blood, 2018, 132, 5610-5610.	1.4	0
120	Mismatch-Repair Deficiency in Follicular Lymphoma Tumors Is Common and Associated with a Favorable Overall Survival. Blood, 2021, 138, 3523-3523.	1.4	0
121	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
122	Tumor Mutational Burden in Histiocytic Neoplasms. Blood, 2021, 138, 3634-3634.	1.4	0
123	Phenotypic and Functional Characterization of Multiple Myeloma By Single Cell Mass Cytometry (CyTOF). Blood, 2020, 136, 40-41.	1.4	0
124	A Cross Sectional Evaluation of Light Chain N-Glycosylation By MASS-FIX in Plasma Cell Disorders. Blood, 2020, 136, 44-45.	1.4	0
125	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
126	Striking Association of Lymphoid Enhancing Factor (LEF1) Overexpression and <i>DUSP22</i> rearrangements in Anaplastic Large Cell Lymphoma. Blood, 2020, 136, 22-23.	1.4	0

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127	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	O