

Fumio Nomura

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

2,061
citations

257450

24
h-index

276875

41
g-index

112
all docs

112
docs citations

112
times ranked

3102
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical features and prognosis of hepatocellular carcinoma with reference to serum alpha-fetoprotein levels. Analysis of 606 patients. <i>Cancer</i> , 1989, 64, 1700-1707.	4.1	284
2	Proteome-based bacterial identification using matrix-assisted laser desorption ionization–time of flight mass spectrometry (MALDI-TOF MS): A revolutionary shift in clinical diagnostic microbiology. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015, 1854, 528-537.	2.3	101
3	Identification of novel and downregulated biomarkers for alcoholism by surface enhanced laser desorption/ionization-mass spectrometry. <i>Proteomics</i> , 2004, 4, 1187-1194.	2.2	87
4	Direct application of MALDI-TOF mass spectrometry to cerebrospinal fluid for rapid pathogen identification in a patient with bacterial meningitis. <i>Clinica Chimica Acta</i> , 2014, 435, 59-61.	1.1	78
5	NY-ESO-1 autoantibody as a tumor-specific biomarker for esophageal cancer: screening in 1969 patients with various cancers. <i>Journal of Gastroenterology</i> , 2016, 51, 30-34.	5.1	70
6	Discovery of Colorectal Cancer Biomarker Candidates by Membrane Proteomic Analysis and Subsequent Verification using Selected Reaction Monitoring (SRM) and Tissue Microarray (TMA) Analysis. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 1471-1484.	3.8	65
7	Identification of a novel serum biomarker for pancreatic cancer, C4b-binding protein β -chain (C4BPA) by quantitative proteomic analysis using tandem mass tags. <i>British Journal of Cancer</i> , 2016, 115, 949-956.	6.4	65
8	Prevalence of vaccine-induced escape mutants of hepatitis B virus in the adult population in China: A prospective study in 176 restaurant employees. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2001, 16, 1373-1377.	2.8	60
9	Moesin is a possible target molecule for cytomegalovirus-related Guillain-Barré syndrome. <i>Neurology</i> , 2014, 83, 113-117.	1.1	56
10	<i>Gordonia otitidis</i> sp. nov., isolated from a patient with external otitis. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005, 55, 1871-1876.	1.7	51
11	Current Status of Proteomic Technologies for Discovering and Identifying Gingival Crevicular Fluid Biomarkers for Periodontal Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 86.	4.1	42
12	Similar frequency of paternal uniparental disomy involving chromosome 20q (patUPD20q) in Japanese and Caucasian patients affected by sporadic pseudohypoparathyroidism type 1b (sporPHP1B). <i>Bone</i> , 2015, 79, 15-20.	2.9	41
13	Serum cytokine and chemokine profiles in patients with chronic inflammatory demyelinating polyneuropathy. <i>Journal of Neuroimmunology</i> , 2015, 279, 7-10.	2.3	40
14	Mass spectrometry-based microbiological testing for blood stream infection. <i>Clinical Proteomics</i> , 2020, 17, 14.	2.1	39
15	Tandem Repeat Polymorphism of the CYP2E1 Gene: An Association Study With Esophageal Cancer and Lung Cancer. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 15s-19s.	2.4	38
16	Development and validation of the simultaneous measurement of four vitamin D metabolites in serum by LC–MS/MS for clinical laboratory applications. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 7617-7627.	3.7	37
17	Identification of stroke-associated-antigens via screening of recombinant proteins from the human expression cDNA library (SEREX). <i>Journal of Translational Medicine</i> , 2015, 13, 71.	4.4	35
18	Immune-complex level of cofilin-1 in sera is associated with cancer progression and poor prognosis in pancreatic cancer. <i>Cancer Science</i> , 2017, 108, 795-803.	3.9	34

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19	Rapid Discrimination between Methicillin-Sensitive and Methicillin-Resistant <i>Staphylococcus aureus</i> Using MALDI-TOF Mass Spectrometry. <i>Biocontrol Science</i> , 2017, 22, 163-169.	0.8	34
20	<i>Nocardia exalbida</i> sp. nov., isolated from Japanese patients with nocardiosis. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 1193-1196.	1.7	33
21	Identification of a novel SEREX antigen family, ECSA, in esophageal squamous cell carcinoma. <i>Proteome Science</i> , 2011, 9, 31.	1.7	32
22	Serum anti-Ku86 is a potential biomarker for early detection of hepatitis C virus-related hepatocellular carcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2012, 421, 837-843.	2.1	30
23	Identification of <i>Nocardia</i> species using matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Clinical Proteomics</i> , 2015, 12, 6.	2.1	26
24	Ubiquitination in Periodontal Disease: A Review. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1476.	4.1	26
25	Complement factor B regulates cellular senescence and is associated with poor prognosis in pancreatic cancer. <i>Cellular Oncology (Dordrecht)</i> , 2021, 44, 937-950.	4.4	26
26	Identification of specific and common diagnostic antibody markers for gastrointestinal cancers by SEREX screening using testis cDNA phage library. <i>Oncotarget</i> , 2018, 9, 18559-18569.	1.8	26
27	Combined Secretomics and Transcriptomics Revealed Cancer-Derived GDF15 is Involved in Diffuse-Type Gastric Cancer Progression and Fibroblast Activation. <i>Scientific Reports</i> , 2016, 6, 21681.	3.3	25
28	Applications of copolymer for rapid identification of bacteria in blood culture broths using matrix-assisted laser desorption ionization time-of-flight mass spectrometry. <i>Journal of Microbiological Methods</i> , 2017, 139, 54-60.	1.6	25
29	Anti-FIRs (PUF60) auto-antibodies are detected in the sera of early-stage colon cancer patients. <i>Oncotarget</i> , 2016, 7, 82493-82503.	1.8	25
30	Transcriptional Activity of the Tandem Repeat Polymorphism in the 5'-Flanking Region of the Human CYP2E1 Gene. <i>Alcoholism: Clinical and Experimental Research</i> , 2003, 27, 42S-46S.	2.4	22
31	Second-generation antipsychotics and bone turnover in schizophrenia. <i>Schizophrenia Research</i> , 2014, 157, 137-141.	2.0	20
32	A simple method for sequencing the whole human mitochondrial genome directly from samples and its application to genetic testing. <i>Scientific Reports</i> , 2019, 9, 17411.	3.3	20
33	Application of proteomic technologies to discover and identify biomarkers for excessive alcohol consumption: A review. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 855, 35-41.	2.3	18
34	Rapid and cost-effective high-throughput sequencing for identification of germline mutations of BRCA1 and BRCA2. <i>Journal of Human Genetics</i> , 2017, 62, 561-567.	2.3	17
35	Proteome analysis of hemofilter adsorbates to identify novel substances of sepsis: a pilot study. <i>Journal of Artificial Organs</i> , 2017, 20, 132-137.	0.9	17
36	Impact of serum biomarkers on esophageal squamous cell carcinoma. <i>Esophagus</i> , 2012, 9, 131-140.	1.9	16

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37	Monoamine oxidase B rs1799836 G allele polymorphism is a risk factor for early development of levodopa-induced dyskinesia in Parkinson's disease. <i>ENeurologicalSci</i> , 2020, 19, 100239.	1.3	16
38	Alternative splicing of DNA damage response genes and gastrointestinal cancers. <i>World Journal of Gastroenterology</i> , 2014, 20, 17305.	3.3	16
39	A Method for Simultaneous Determination of 25-Hydroxyvitamin D ₃ and Its 3-Sulfate in Newborn Plasma by LC/ESI-MS/MS after Derivatization with a Proton-Affinitive Cookson-Type Reagent. <i>Mass Spectrometry</i> , 2016, 5, S0051-S0051.	0.6	14
40	Anti-FIR ¹ exon2, a splicing variant form of PUF ⁶⁰ , autoantibody is detected in the sera of esophageal squamous cell carcinoma. <i>Cancer Science</i> , 2019, 110, 2004-2013.	3.9	14
41	Haploinsufficiency of the <i>c-myc</i> transcriptional repressor FIR, as a dominant negative-alternative splicing model, promoted p53-dependent T-cell acute lymphoblastic leukemia progression by activating Notch1. <i>Oncotarget</i> , 2015, 6, 5102-5117.	1.8	14
42	Post-transcriptional regulation of BRG1 by FIR ¹ exon2 in gastric cancer. <i>Oncogenesis</i> , 2020, 9, 26.	4.9	13
43	Enhancing analysis throughput, sensitivity and specificity in LC/ESI-MS/MS assay of plasma 25-hydroxyvitamin D ₃ by derivatization with triplex 4-(4-dimethylaminophenyl)-1,2,4-triazoline-3,5-dione (DAPTAD) isotopologues. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 136, 126-133.	2.8	12
44	Disturbed alternative splicing of FIR (PUF60) directed cyclin E overexpression in esophageal cancers. <i>Oncotarget</i> , 2018, 9, 22929-22944.	1.8	12
45	Locked nucleic acid probe enhances Sanger sequencing sensitivity and improves diagnostic accuracy of high-resolution melting-based KRAS mutational analysis. <i>Clinica Chimica Acta</i> , 2016, 457, 75-80.	1.1	11
46	Improved sensitivity of serum/plasma 1 α ,25-dihydroxyvitamin D quantification by DAPTAD derivatization. <i>Clinica Chimica Acta</i> , 2017, 473, 173-179.	1.1	11
47	Assessment by Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry of the Effects of Preanalytical Variables on Serum Peptidome Profiles Following Long-Term Sample Storage. <i>Proteomics - Clinical Applications</i> , 2018, 12, e1700047.	1.6	11
48	Non-transmissible Sendai virus vector encoding c-myc suppressor FBP-interacting repressor for cancer therapy. <i>World Journal of Gastroenterology</i> , 2014, 20, 4316.	3.3	11
49	Establishment and application of a high-quality comparative analysis strategy for the discovery and small-scale validation of low-abundance biomarker peptides in serum based on an optimized novel peptide extraction method. <i>Journal of Electrophoresis</i> , 2013, 57, 1-9.	0.4	10
50	Paradoxical effects of thyroid function on glomerular filtration rate estimated from serum creatinine or standardized cystatin C in patients with Japanese Graves' disease. <i>Clinica Chimica Acta</i> , 2015, 451, 316-322.	1.1	10
51	A novel KCNQ1 nonsense variant in the isoform-specific first exon causes both Jervell and Lange-Nielsen syndrome 1 and long QT syndrome 1: a case report. <i>BMC Medical Genetics</i> , 2017, 18, 66.	2.1	10
52	An improved in-house lysis-filtration protocol for bacterial identification from positive blood culture bottles with high identification rates by MALDI-TOF MS. <i>Journal of Microbiological Methods</i> , 2018, 148, 40-45.	1.6	10
53	High-throughput screening of extended RAS mutations based on high-resolution melting analysis for prediction of anti-EGFR treatment efficacy in colorectal carcinoma. <i>Clinical Biochemistry</i> , 2014, 47, 340-343.	1.9	9
54	Application of the biocopolymer preparation system, rapid BACpro [®] II kit, for mass-spectrometry-based bacterial identification from positive blood culture bottles by the MALDI Biotyper system. <i>Journal of Microbiological Methods</i> , 2018, 152, 86-91.	1.6	9

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55	Application of proteomic technologies to discover and identify biomarkers for periodontal diseases in gingival crevicular fluid: A review. <i>Proteomics - Clinical Applications</i> , 2014, 8, 232-240.	1.6	8
56	Evaluation of serum carbohydrate-deficient transferrin by HPLC and MALDI-TOF MS. <i>Clinica Chimica Acta</i> , 2015, 448, 8-12.	1.1	8
57	Clinical significance of serum autoantibodies against Ras-like GTPases, RalA, in patients with esophageal squamous cell carcinoma. <i>Esophagus</i> , 2016, 13, 167-172.	1.9	8
58	Capsular serotyping of <i>Haemophilus influenzae</i> by using matrix-associated laser desorption ionization-time of flight mass spectrometry. <i>Journal of Infection and Chemotherapy</i> , 2018, 24, 510-514.	1.7	8
59	Fractionation of gamma-glutamyltransferase in patients with nonalcoholic fatty liver disease and alcoholic liver disease. <i>World Journal of Hepatology</i> , 2016, 8, 1610.	2.0	8
60	Efficacy of Levofloxacin Based Triple and High-Dose PPI-Amoxicillin Dual Eradication Therapy for <i>Helicobacter pylori</i> after Failures of First- and Second-Line Therapies. <i>International Scholarly Research Notices</i> , 2014, 2014, 1-6.	0.9	7
61	One novel and two uncommon MEFV mutations in Japanese patients with familial Mediterranean fever: a clinicogenetic study. <i>Rheumatology International</i> , 2018, 38, 105-110.	3.0	7
62	Identification of conjugation positions of urinary glucuronidated vitamin D 3 metabolites by LC/ESI-MS/MS after conversion to MS/MS-fragmentable derivatives. <i>Biomedical Chromatography</i> , 2019, 33, e4538.	1.7	7
63	A novel caged Cookson-type reagent toward a practical vitamin D derivatization method for mass spectrometric analyses. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8648.	1.5	7
64	Derivatization-based quadruplex LC/ESI-MS/MS method for high throughput quantification of serum dehydroepiandrosterone sulfate. <i>Biomedical Chromatography</i> , 2021, 35, e5027.	1.7	7
65	Human Apolipoprotein E Resequencing by Proteomic Analysis and Its Application to Serotyping. <i>PLoS ONE</i> , 2014, 9, e85356.	2.5	6
66	Voiding Dysfunction in Spinocerebellar Ataxia Type 31. <i>LUTS: Lower Urinary Tract Symptoms</i> , 2014, 6, 64-67.	1.3	6
67	The abnormal reaction data-detecting function of the automated biochemical analyzer was useful to prevent erroneous total-bilirubin measurement and to identify monoclonal proteins. <i>Clinica Chimica Acta</i> , 2015, 441, 44-46.	1.1	6
68	Search for a Novel Allergen in Hen's Egg Allergy Using an IgE Immunoblotting Assay. <i>International Archives of Allergy and Immunology</i> , 2018, 176, 189-197.	2.1	6
69	Determination of serum carbohydrate-deficient transferrin by a nephelometric immunoassay for differential diagnosis of alcoholic and non-alcoholic liver diseases. <i>Clinica Chimica Acta</i> , 2018, 485, 181-186.	1.1	6
70	FIR haplo deficiency promotes splicing to pyruvate kinase M2 in mice thymic lymphoma tissues revealed by six-plex tandem mass tag quantitative proteomic analysis. <i>Oncotarget</i> , 2017, 8, 67955-67965.	1.8	6
71	Comparative Analyses of Four Different Methods of Genotyping ALDH2. <i>Alcoholism: Clinical and Experimental Research</i> , 2004, 28, 117S-122S.	2.4	5
72	Determination of the Glucose in Serum by the FT-IR-ATR Method. <i>Bunseki Kagaku</i> , 2005, 54, 149-154.	0.2	5

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73	Autoantibodies against vinculin in patients with chronic inflammatory demyelinating polyneuropathy. <i>Journal of Neuroimmunology</i> , 2015, 287, 9-15.	2.3	5
74	Anti- β -tubulin exon2 autoantibody as a novel indicator for better overall survival in gastric cancer. <i>Cancer Science</i> , 2021, 112, 847-858.	3.9	5
75	Effect of humidity during sample preparation on bacterial identification using matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1176, 122780.	2.3	5
76	Variant in C-terminal region of intestinal alkaline phosphatase associated with benign familial hyperphosphatasemia. <i>Journal of Medical Genetics</i> , 2018, 55, 701-704.	3.2	4
77	Accelerated oligosaccharide absorption and altered serum metabolites during oral glucose tolerance test in young Japanese with impaired glucose tolerance. <i>Journal of Diabetes Investigation</i> , 2018, 9, 512-521.	2.4	4
78	Surveillance evaluation of the standardization of assay values for serum total 25-hydroxyvitamin D concentration in Japan. <i>Annals of Clinical Biochemistry</i> , 2018, 55, 647-656.	1.6	4
79	An in-house centrifugation and membrane filtration technique for identifying microorganisms from positive blood culture bottles with high identification rates using matrix-assisted laser desorption ionization-Time-of-flight mass spectrometry: A preliminary report. <i>Journal of Infection and Chemotherapy</i> , 2020, 26, 266-271.	1.7	4
80	Medical mass spectrometrist (MMS) training and certification: A key step to expanding routine clinical mass spectrometry usage in Japan. <i>Clinical Mass Spectrometry</i> , 2020, 15, 13-15.	1.9	4
81	Tandem Repeat Polymorphism of the CYP2E1 Gene: An Association Study With Esophageal Cancer and Lung Cancer. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 15S-19S.	2.4	4
82	Fucosylated C4b-binding protein β -chain, a novel serum biomarker that predicts lymph node metastasis in pancreatic ductal adenocarcinoma. <i>Oncology Letters</i> , 2020, 21, 127.	1.8	4
83	Fibrinogen alpha C chain 5.9 kDa fragment (FIC5.9), a biomarker for various pathological conditions, is produced in post-blood collection by fibrinolysis and coagulation factors. <i>Clinical Proteomics</i> , 2016, 13, 27.	2.1	3
84	Serum cytokine and chemokine profiles in patients with juvenile muscular atrophy of distal upper extremity (Hirayama disease). <i>Journal of Neuroimmunology</i> , 2017, 302, 20-22.	2.3	3
85	Urinary carboxylesterase 5A fragment as an early diagnostic marker of cat chronic kidney disease. <i>Journal of Electrophoresis</i> , 2019, 63, 39-45.	0.4	3
86	Serous Tubal Intraepithelial Carcinoma in a Japanese Woman with a Deleterious BRCA1 Mutation. <i>Japanese Journal of Clinical Oncology</i> , 2014, 44, 597-601.	1.3	2
87	Detection of Ubiquitinated Dermcidin in Gingival Crevicular Fluid in Periodontal Disease. <i>International Journal of Peptide Research and Therapeutics</i> , 2016, 22, 249-253.	1.9	2
88	High-throughput genotyping of GC (vitamin D-binding protein) by melting analysis with locked nucleic acid-incorporating dual hybridization probe for improving mismatch discrimination. <i>Clinica Chimica Acta</i> , 2018, 487, 126-132.	1.1	2
89	Clathrin heavy chain is a useful immunohistochemical marker for esophageal squamous intraepithelial neoplasia. <i>Esophagus</i> , 2013, 10, 193-198.	1.9	1
90	Development of a sandwich ELISA for the thrombin light chain identified by serum proteome analysis. <i>Practical Laboratory Medicine</i> , 2017, 8, 34-40.	1.3	1

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91	Multiplex PCR and multicolor probes melting for the simultaneous detection of five UGT1A1 variants. <i>Analytical Biochemistry</i> , 2019, 587, 113448.	2.4	1
92	Evaluation of analytical factors associated with targeted MEFV gene sequencing using long-range PCR/massively parallel sequencing of whole blood DNA for molecular diagnosis of Familial Mediterranean fever. <i>Clinica Chimica Acta</i> , 2019, 495, 562-569.	1.1	1
93	The cause of the abnormal reaction of clinical chemistry was confirmed by electrophoresis. <i>Denki Eido</i> , 2016, 60, 27-30.	0.0	1
94	Hypoallergenic cow's milk by bromelain. <i>Denki Eido</i> , 2017, 61, 35-38.	0.0	1
95	A Case of Hypocalcaemia Due to Vitamin D Deficiency in "Hikikomori" Syndrome. <i>European Journal of Case Reports in Internal Medicine</i> , 2017, 2, 000634.	0.4	1
96	Determination of plasma prothrombin levels by a novel Ca ²⁺ -dependent prothrombin activator (CA-1) in patients with chronic liver diseases. <i>Clinica Chimica Acta</i> , 2004, 341, 123-126.	1.1	0
97	Multiple comet tail artifacts in the liver: a case of congenital hepatic fibrosis showing unusual biliary appearance. <i>Journal of Medical Ultrasonics</i> (2001), 2014, 41, 377-380.	1.3	0
98	Estimated glomerular filtration rate by serum creatinine or standardized cystatin C in Japanese patients with Graves' disease. <i>Data in Brief</i> , 2015, 5, 1092-1095.	1.0	0
99	Usefulness of the MALDI-TOF MS technology with membrane filter protocol for the rapid identification of microorganisms in perioperative drainage fluids of hepatobiliary pancreatic surgery. <i>PLoS ONE</i> , 2021, 16, e0246002.	2.5	0
100	Investigation for new biomarker of primary esophageal squamous cell carcinoma using two-dimensional differential gel electrophoresis. <i>Seibutsu Butsuri Kagaku</i> , 2006, 50, 187-191.	0.1	0
101	Molecular profiling of patients with non-small cell lung cancer (NSCLC) using bronchoscopic ultra-micro sampling. <i>Journal of Clinical Oncology</i> , 2012, 30, 7046-7046.	1.6	0
102	Clinical application of MALDI biotyping. <i>Denki Eido</i> , 2017, 61, 141-144.	0.0	0
103	Vitamin D Metabolite Ratio in Pregnant Women with Low Blood Vitamin D Concentrations Is Associated with Neonatal Anthropometric Data. <i>Nutrients</i> , 2022, 14, 2201.	4.1	0