

Fumio Nomura

List of Publications by Year in descending order

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103
papers

2,061
citations

257450

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276875

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docs citations

112
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Anti-FIR ¹ exon2 autoantibody as a novel indicator for better overall survival in gastric cancer. <i>Cancer Science</i> , 2021, 112, 847-858.	3.9	5
4	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
5	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
6	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
7	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
8	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
9	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
10	Post-transcriptional regulation of BRG1 by FIR ¹ exon2 in gastric cancer. <i>Oncogenesis</i> , 2020, 9, 26.	4.9	13
11	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
12	Mass spectrometry-based microbiological testing for blood stream infection. <i>Clinical Proteomics</i> , 2020, 17, 14.	2.1	39
13	Fucosylated C4b-binding protein Î± chain, a novel serum biomarker that predicts lymph node metastasis in pancreatic ductal adenocarcinoma. <i>Oncology Letters</i> , 2020, 21, 127.	1.8	4
14	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
15	Multiplex PCR and multicolor probes melting for the simultaneous detection of five UGT1A1 variants. <i>Analytical Biochemistry</i> , 2019, 587, 113448.	2.4	1
16	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
17	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
18	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

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19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	Disturbed alternative splicing of FIR (PUF60) directed cyclin E overexpression in esophageal cancers. <i>Oncotarget</i> , 2018, 9, 22929-22944.	1.8	12
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	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

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37	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
38	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
39	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
40	Improved sensitivity of serum/plasma 1,25-dihydroxyvitamin D quantification by DAPTAD derivatization. <i>Clinica Chimica Acta</i> , 2017, 473, 173-179.	1.1	11
41	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
42	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
43	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
44	Ubiquitination in Periodontal Disease: A Review. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1476.	4.1	26
45	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
46	Hypoallergenic cow's milk by bromelain. <i>Denki Eido</i> , 2017, 61, 35-38.	0.0	1
47	Clinical application of MALDI biotyping. <i>Denki Eido</i> , 2017, 61, 141-144.	0.0	0
48	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
49	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
50	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
51	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
52	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
53	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
54	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

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55	Detection of Ubiquitinated Dermcidin in Gingival Crevicular Fluid in Periodontal Disease. International Journal of Peptide Research and Therapeutics, 2016, 22, 249-253.	1.9	2
56	Clinical significance of serum autoantibodies against Ras-like GTPases, RalA, in patients with esophageal squamous cell carcinoma. Esophagus, 2016, 13, 167-172.	1.9	8
57	NY-ESO-1 autoantibody as a tumor-specific biomarker for esophageal cancer: screening in 1969 patients with various cancers. Journal of Gastroenterology, 2016, 51, 30-34.	5.1	70
58	Anti-FIRs (PUF60) auto-antibodies are detected in the sera of early-stage colon cancer patients. Oncotarget, 2016, 7, 82493-82503.	1.8	25
59	Fractionation of gamma-glutamyltransferase in patients with nonalcoholic fatty liver disease and alcoholic liver disease. World Journal of Hepatology, 2016, 8, 1610.	2.0	8
60	The cause of the abnormal reaction of clinical chemistry was confirmed by electrophoresis. Denki Eido, 2016, 60, 27-30.	0.0	1
61	Estimated glomerular filtration rate by serum creatinine or standardized cystatin C in Japanese patients with Graves ^{x3} disease. Data in Brief, 2015, 5, 1092-1095.	1.0	0
62	Identification of Nocardia species using matrix-assisted laser desorption/ionization ^{â€} time-of-flight mass spectrometry. Clinical Proteomics, 2015, 12, 6.	2.1	26
63	Serum cytokine and chemokine profiles in patients with chronic inflammatory demyelinating polyneuropathy. Journal of Neuroimmunology, 2015, 279, 7-10.	2.3	40
64	The abnormal reaction data-detecting function of the automated biochemical analyzer was useful to prevent erroneous total-bilirubin measurement and to identify monoclonal proteins. Clinica Chimica Acta, 2015, 441, 44-46.	1.1	6
65	Identification of stroke-associated-antigens via screening of recombinant proteins from the human expression cDNA library (SEREX). Journal of Translational Medicine, 2015, 13, 71.	4.4	35
66	Autoantibodies against vinculin in patients with chronic inflammatory demyelinating polyneuropathy. Journal of Neuroimmunology, 2015, 287, 9-15.	2.3	5
67	Similar frequency of paternal uniparental disomy involving chromosome 20q (patUPD20q) in Japanese and Caucasian patients affected by sporadic pseudohypoparathyroidism type 1b (sporPHP1B). Bone, 2015, 79, 15-20.	2.9	41
68	Evaluation of serum carbohydrate-deficient transferrin by HPLC and MALDI-TOF MS. Clinica Chimica Acta, 2015, 448, 8-12.	1.1	8
69	Paradoxical effects of thyroid function on glomerular filtration rate estimated from serum creatinine or standardized cystatin C in patients with Japanese Graves' disease. Clinica Chimica Acta, 2015, 451, 316-322.	1.1	10
70	Proteome-based bacterial identification using matrix-assisted laser desorption ionization ^{â€} time of flight mass spectrometry (MALDI-TOF MS): A revolutionary shift in clinical diagnostic microbiology. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 528-537.	2.3	101
71	Haploinsufficiency of the <i>c-myc</i> transcriptional repressor <i>FIR</i> , as a dominant negative-alternative splicing model, promoted p53-dependent T-cell acute lymphoblastic leukemia progression by activating Notch1. Oncotarget, 2015, 6, 5102-5117.	1.8	14
72	Human Apolipoprotein E Resequencing by Proteomic Analysis and Its Application to Serotyping. PLoS ONE, 2014, 9, e85356.	2.5	6

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73	Efficacy of Levofloxacin Based Triple and High-Dose PPI-Amoxicillin Dual Eradication Therapy for Helicobacter pylori after Failures of First- and Second-Line Therapies. International Scholarly Research Notices, 2014, 2014, 1-6.	0.9	7
74	Application of proteomic technologies to discover and identify biomarkers for periodontal diseases in gingival crevicular fluid: A review. Proteomics - Clinical Applications, 2014, 8, 232-240.	1.6	8
75	High-throughput screening of extended RAS mutations based on high-resolution melting analysis for prediction of anti-EGFR treatment efficacy in colorectal carcinoma. Clinical Biochemistry, 2014, 47, 340-343.	1.9	9
76	Voiding Dysfunction in Spinocerebellar Ataxia Type 31. LUTS: Lower Urinary Tract Symptoms, 2014, 6, 64-67.	1.3	6
77	Discovery of Colorectal Cancer Biomarker Candidates by Membrane Proteomic Analysis and Subsequent Verification using Selected Reaction Monitoring (SRM) and Tissue Microarray (TMA) Analysis. Molecular and Cellular Proteomics, 2014, 13, 1471-1484.	3.8	65
78	Serous Tubal Intraepithelial Carcinoma in a Japanese Woman with a Deleterious BRCA1 Mutation. Japanese Journal of Clinical Oncology, 2014, 44, 597-601.	1.3	2
79	Direct application of MALDI-TOF mass spectrometry to cerebrospinal fluid for rapid pathogen identification in a patient with bacterial meningitis. Clinica Chimica Acta, 2014, 435, 59-61.	1.1	78
80	Multiple comet tail artifacts in the liver: a case of congenital hepatic fibrosis showing unusual biliary appearance. Journal of Medical Ultrasonics (2001), 2014, 41, 377-380.	1.3	0
81	Moesin is a possible target molecule for cytomegalovirus-related Guillain-Barré syndrome. Neurology, 2014, 83, 113-117.	1.1	56
82	Second-generation antipsychotics and bone turnover in schizophrenia. Schizophrenia Research, 2014, 157, 137-141.	2.0	20
83	Non-transmissible Sendai virus vector encoding c-myc suppressor FBP-interacting repressor for cancer therapy. World Journal of Gastroenterology, 2014, 20, 4316.	3.3	11
84	Alternative splicing of DNA damage response genes and gastrointestinal cancers. World Journal of Gastroenterology, 2014, 20, 17305.	3.3	16
85	Clathrin heavy chain is a useful immunohistochemical marker for esophageal squamous intraepithelial neoplasia. Esophagus, 2013, 10, 193-198.	1.9	1
86	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. Journal of Electrophoresis, 2013, 57, 1-9.	0.4	10
87	Impact of serum biomarkers on esophageal squamous cell carcinoma. Esophagus, 2012, 9, 131-140.	1.9	16
88	Serum anti-Ku86 is a potential biomarker for early detection of hepatitis C virus-related hepatocellular carcinoma. Biochemical and Biophysical Research Communications, 2012, 421, 837-843.	2.1	30
89	Molecular profiling of patients with non-small cell lung cancer (NSCLC) using bronchoscopic ultra-micro sampling. Journal of Clinical Oncology, 2012, 30, 7046-7046.	1.6	0
90	Identification of a novel SEREX antigen family, ECSA, in esophageal squamous cell carcinoma. Proteome Science, 2011, 9, 31.	1.7	32

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91	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
92	<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
93	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
94	Determination of the Glucose in Serum by the FT-IR-ATR Method. <i>Bunseki Kagaku</i> , 2005, 54, 149-154.	0.2	5
95	<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
96	Comparative Analyses of Four Different Methods of Genotyping ALDH2. <i>Alcoholism: Clinical and Experimental Research</i> , 2004, 28, 1175-1225.	2.4	5
97	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
98	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
99	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
100	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
101	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
102	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
103	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