## Luca Di Tommaso

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6708651/publications.pdf

Version: 2024-02-01

93792 116156 5,232 134 39 66 citations g-index h-index papers 136 136 136 7823 docs citations times ranked citing authors all docs

#	Article	IF	Citations
1	The proteaseâ€inhibitor SerpinB3 as a critical modulator of the stemâ€like subset in human cholangiocarcinoma. Liver International, 2022, 42, 233-248.	1.9	15
2	Immune Profiling of Combined Hepatocellular- Cholangiocarcinoma Reveals Distinct Subtypes and Activation of Gene Signatures Predictive of Response to Immunotherapy. Clinical Cancer Research, 2022, 28, 540-551.	3.2	23
3	Genomic analysis of focal nodular hyperplasia with associated hepatocellular carcinoma unveils its malignant potential: a case report. Communications Medicine, 2022, 2, .	1.9	5
4	Meta-analysis on prognostic value of KRAS mutation in resected mass-forming cholangiocarcinoma. European Journal of Surgical Oncology, 2022, , .	0.5	O
5	A clinical and pathological update on hepatocellular carcinoma. Journal of Liver Cancer, 2022, 22, 14-22.	0.3	11
6	T-cell exhaustion and residency dynamics inform clinical outcomes in hepatocellular carcinoma. Journal of Hepatology, 2022, 77, 397-409.	1.8	59
7	The Systemic Inflammatory Response Identifies Patients with Adverse Clinical Outcome from Immunotherapy in Hepatocellular Carcinoma. Cancers, 2022, 14, 186.	1.7	44
8	Versatile Mass Spectrometry-Based Intraoperative Diagnosis of Liver Tumor in a Multiethnic Cohort. Applied Sciences (Switzerland), 2022, 12, 4244.	1.3	3
9	Review of Tuberous Breast Deformity: Developments over the Last 20 Years. Plastic and Reconstructive Surgery - Global Open, 2022, 10, e4355.	0.3	7
10	Prognostic value of vessels encapsulating tumor clusters (VETC) in sarcoma Journal of Clinical Oncology, 2022, 40, e23523-e23523.	0.8	0
11	Accuracy of f <scp>ineâ€needle</scp> aspiration cytology in detecting cervical node metastasis after radiotherapy: Systematic review and metaâ€analysis. Head and Neck, 2021, 43, 987-996.	0.9	2
12	Digital Pathology During the COVID-19 Outbreak in Italy: Survey Study. Journal of Medical Internet Research, 2021, 23, e24266.	2.1	4
13	Artificial Intelligence & Dissue Biomarkers: Advantages, Risks and Perspectives for Pathology. Cells, 2021, 10, 787.	1.8	29
14	Risk Stratification of Cholangiocarcinoma Patients Presenting with Jaundice: A Retrospective Analysis from a Tertiary Referral Center. Cancers, 2021, 13, 2070.	1.7	6
15	Hepatocellular carcinoma: a clinical and pathological overview. Pathologica, 2021, 113, 203-217.	1.3	30
16	Mitochondrial oxidative metabolism contributes to a cancer stem cell phenotype in cholangiocarcinoma. Journal of Hepatology, 2021, 74, 1373-1385.	1.8	60
17	Virtual Biopsy for Diagnosis of Chemotherapy-Associated Liver Injuries and Steatohepatitis: A Combined Radiomic and Clinical Model in Patients with Colorectal Liver Metastases. Cancers, 2021, 13, 3077.	1.7	16
18	Development of a Deep-Learning Pipeline to Recognize and Characterize Macrophages in Colo-Rectal Liver Metastasis. Cancers, 2021, 13, 3313.	1.7	8

#	Article	IF	CITATIONS
19	Thymic carcinomas and thymic neuroendocrine tumors: a tribute to Dr. Juan Rosai. Pathologica, 2021, 113, 371-376.	1.3	1
20	Hepatotoxicity in Patients with Hepatocellular Carcinoma on Treatment with Immune Checkpoint Inhibitors. Cancers, 2021, 13, 5665.	1.7	5
21	Vessels Encapsulating Tumor Clusters (VETC) Is a Powerful Predictor of Aggressive Hepatocellular Carcinoma. Hepatology, 2020, 71, 183-195.	3.6	119
22	Surgical Treatment of Hepatocholangiocarcinoma: A Systematic Review. Liver Cancer, 2020, 9, 15-27.	4.2	56
23	Peri-tumoural CD3+ Inflammation and Neutrophil-to-Lymphocyte Ratio Predict Overall Survival in Patients Affected by Colorectal Liver Metastases Treated with Surgery. Journal of Gastrointestinal Surgery, 2020, 24, 1061-1070.	0.9	8
24	Rapid automated diagnosis of primary hepatic tumour by mass spectrometry and artificial intelligence. Liver International, 2020, 40, 3117-3124.	1.9	27
25	Impact of RAS mutations on the immune infiltrate of colorectal liver metastases: A preliminary study. Journal of Leukocyte Biology, 2020, 108, 715-721.	1.5	11
26	EUS in the intensive care unit in a patient with a history of mesothelioma. Gastrointestinal Endoscopy, 2020, 92, 214-215.	0.5	0
27	Intrahepatic cholangiocellular carcinoma with radiological enhancement patterns mimicking hepatocellular carcinoma. Updates in Surgery, 2020, 72, 413-421.	0.9	9
28	Early Hepatic Lesions Display Immature Tertiary Lymphoid Structures and Show Elevated Expression of Immune Inhibitory and Immunosuppressive Molecules. Clinical Cancer Research, 2020, 26, 4381-4389.	3.2	44
29	Is the outcome after hepatectomy for transitional hepatocholangiocarcinoma different from that of hepatocellular carcinoma and mass-forming cholangiocarcinoma? A case-matched analysis. Updates in Surgery, 2020, 72, 671-679.	0.9	5
30	Macrophage morphology correlates with single-cell diversity and prognosis in colorectal liver metastasis. Journal of Experimental Medicine, 2020, 217, .	4.2	99
31	Toker Cells of the Nipple. Encyclopedia of Pathology, 2020, , 374-379.	0.0	0
32	Prospective Evaluation of Intrahepatic Microscopic Occult Tumor Foci in Patients with Numerous Colorectal Liver Metastases. Digestive Surgery, 2019, 36, 340-347.	0.6	7
33	Antitumor Activity of a Novel Fibroblast Growth Factor Receptor Inhibitor for Intrahepatic Cholangiocarcinoma. American Journal of Pathology, 2019, 189, 2090-2101.	1.9	17
34	Liver resection for multifocal hepatocellular carcinoma: is it an option?. Hepatobiliary Surgery and Nutrition, 2019, 8, 530-533.	0.7	2
35	PSMA expression level predicts differentiated thyroid cancer aggressiveness and patient outcome. EJNMMI Research, 2019, 9, 93.	1.1	31
36	Is R1 vascular hepatectomy for hepatocellular carcinoma oncologically adequate? Analysis of 327 consecutive patients. Surgery, 2019, 165, 897-904.	1.0	40

3

#	Article	IF	Citations
37	Immunohistochemical and molecular features of cholangiolocellular carcinoma are similar to well-differentiated intrahepatic cholangiocarcinoma. Modern Pathology, 2019, 32, 1486-1494.	2.9	26
38	CXCR7 contributes to the aggressive phenotype of cholangiocarcinoma cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 2246-2256.	1.8	14
39	Pancreatic Neuroendocrine Tumours: The Role of Endoscopic Ultrasound Biopsy in Diagnosis and Grading Based on the WHO 2017 Classification. Digestive Diseases, 2019, 37, 325-333.	0.8	32
40	Tumor-Infiltrating Lymphocytes and Macrophages in Intrahepatic Cholangiocellular Carcinoma. Impact on Prognosis after Complete Surgery. Journal of Gastrointestinal Surgery, 2019, 23, 2216-2224.	0.9	32
41	Computer-aided assessment of the extra-cellular matrix during pancreatic carcinogenesis: a pilot study. Journal of Translational Medicine, 2019, 17, 61.	1.8	13
42	Phase II Study of Tivantinib and Cetuximab in Patients With KRAS Wild-type Metastatic Colorectal Cancer With Acquired Resistance to EGFR Inhibitors and Emergence of MET Overexpression: Lesson Learned for Future Trials With EGFR/MET Dual Inhibition. Clinical Colorectal Cancer, 2019, 18, 125-132.e2.	1.0	35
43	Clinical Application of a Real-Time Telepathology System for Frozen Section Diagnosis in Comparison With Optical Microscope. Frontiers in Medicine, 2019, 6, 215.	1.2	3
44	Role of liver biopsy in hepatocellular carcinoma. World Journal of Gastroenterology, 2019, 25, 6041-6052.	1.4	92
45	A Large Set of miRNAs Is Dysregulated from the Earliest Steps of Human Hepatocellular Carcinoma Development. American Journal of Pathology, 2018, 188, 785-794.	1.9	15
46	Filamin A expression predicts early recurrence of hepatocellular carcinoma after hepatectomy. Liver International, 2018, 38, 303-311.	1.9	9
47	High expression of HOXA13 correlates with poorly differentiated hepatocellular carcinomas and modulates sorafenib response in in vitro models. Laboratory Investigation, 2018, 98, 95-105.	1.7	41
48	B lymphocytes limit senescenceâ€driven fibrosis resolution and favor hepatocarcinogenesis in mouse liver injury. Hepatology, 2018, 67, 1970-1985.	3.6	57
49	Matricellular proteins and survival in patients with pancreatic cancer: A systematic review. Pancreatology, 2018, 18, 122-132.	0.5	8
50	Phase II Study of Everolimus in Patients With Thymoma and Thymic Carcinoma Previously Treated With Cisplatin-Based Chemotherapy. Journal of Clinical Oncology, 2018, 36, 342-349.	0.8	120
51	Alpha-fetoprotein screening in patients with hepatitis C-induced cirrhosis who achieved a sustained virologic response in the direct-acting antiviral agents era. Hepatobiliary and Pancreatic Diseases International, 2018, 17, 570-574.	0.6	2
52	Best practices for the management of thymic epithelial tumors: A position paper by the Italian collaborative group for ThYmic MalignanciEs (TYME). Cancer Treatment Reviews, 2018, 71, 76-87.	3.4	38
53	Phenotypic and molecular changes in noduleâ€inâ€nodule hepatocellular carcinoma with pathogenetic implications. Histopathology, 2018, 73, 601-611.	1.6	11
54	CXCR4/CXCL12 Signaling and Protumor Macrophages in Primary Tumors and Sentinel Lymph Nodes Are Involved in Luminal B Breast Cancer Progression. Disease Markers, 2018, 2018, 1-9.	0.6	10

#	Article	IF	CITATIONS
55	The Shifting Paradigm of Prognostic Factors of Colorectal Liver Metastases: From Tumor-Centered to Host Immune-Centered Factors. Frontiers in Oncology, 2018, 8, 181.	1.3	19
56	Premalignant and Early Malignant Hepatocellular Lesions in Chronic Hepatitis/Cirrhosis. , 2018, , 487-505.		1
57	Toker Cells of the Nipple. Encyclopedia of Pathology, 2018, , 1-5.	0.0	0
58	A phosphokinomeâ€based screen uncovers new drug synergies for cancer driven by liverâ€specific gain of nononcogenic receptor tyrosine kinases. Hepatology, 2017, 66, 1644-1661.	3.6	15
59	Increased Infiltration of Natural Killer and T Cells in Colorectal Liver Metastases Improves Patient Overall Survival. Journal of Gastrointestinal Surgery, 2017, 21, 1226-1236.	0.9	69
60	Current Status on Cholangiocarcinoma and Gallbladder Cancer. Liver Cancer, 2017, 6, 59-65.	4.2	73
61	CYP1A2 is a predictor of HCC recurrence in HCV-related chronic liver disease: A retrospective multicentric validation study. Digestive and Liver Disease, 2017, 49, 434-439.	0.4	9
62	Cholangiocarcinoma stem-like subset shapes tumor-initiating niche by educating associated macrophages. Journal of Hepatology, 2017, 66, 102-115.	1.8	130
63	Tissue Biomarkers in Hepatocellular Tumors: Which, When, and How. Frontiers in Medicine, 2017, 4, 10.	1.2	21
64	Benign hepatocellular nodules of healthy liver: focal nodular hyperplasia and hepatocellular adenoma. Clinical and Molecular Hepatology, 2016, 22, 199-211.	4.5	48
65	Pathological characterization of nivolumab-related liver injury in a patient with glioblastoma. Immunotherapy, 2016, 8, 1363-1369.	1.0	34
66	An immune stratification reveals a subset of PD-1/LAG-3 double-positive triple-negative breast cancers. Breast Cancer Research, 2016, 18, 121.	2.2	89
67	Elaboration of a nomogram to predict nonsentinel node status in breast cancer patients with positive sentinel node, intraoperatively assessed with one step nucleic amplification: Retrospective and validation phase. Journal of Experimental and Clinical Cancer Research, 2016, 35, 193.	3.5	7
68	AXL-associated tumor inflammation as a poor prognostic signature in chemotherapy-treated triple-negative breast cancer patients. Npj Breast Cancer, 2016, 2, 16033.	2.3	41
69	Combined use of heat-shock protein 70 and glutamine synthetase is useful in the distinction of typical hepatocellular neoplasms and well-differentiated hepatocellular neoplasms and well-differentiated hepatocellular carcinoma. Modern Pathology, 2016, 29, 283-292.	2.9	43
70	A prospective randomized study comparing 25-G and 22-G needles of a new platform for endoscopic ultrasound-guided fine needle aspiration of solid masses. Digestive and Liver Disease, 2016, 48, 49-54.	0.4	24
71	Morphophenotypic changes in human multistep hepatocarcinogenesis with translational implications. Journal of Hepatology, 2016, 64, 87-93.	1.8	40
72	Quantitation of the Rank-Rankl Axis in Primary Biliary Cholangitis. PLoS ONE, 2016, 11, e0159612.	1.1	23

#	Article	IF	CITATIONS
73	Specific patterns of PIWI-interacting small noncoding RNA expression in dysplastic liver nodules and hepatocellular carcinoma. Oncotarget, 2016, 7, 54650-54661.	0.8	63
74	MicroRNAs as possible biomarkers for diagnosis and prognosis of hepatitis B- and C-related-hepatocellular-carcinoma. World Journal of Gastroenterology, 2016, 22, 3907.	1.4	55
75	Effect of intratumoral CD3+ and NKp46+ cells on tumor progression in resected colorectal liver metastases treated with neoadjuvant chemotherapy Journal of Clinical Oncology, 2016, 34, 281-281.	0.8	0
76	One-Step Nucleic Acid Amplification in Breast Cancer Sentinel Lymph Node: A Single Institutional Experience and a Short Review. Frontiers in Medicine, 2015, 2, 37.	1.2	5
77	Liver resection for hepatocellular carcinoma in patients with metabolic syndrome: A multicenter matched analysis with HCV-related HCC. Journal of Hepatology, 2015, 63, 93-101.	1.8	89
78	TRIP: a pathological score for transarterial chemoembolization resistance individualized prediction in hepatocellular carcinoma. Liver International, 2015, 35, 2466-2473.	1.9	24
79	Clinicopathological and Immunohistochemical Characteristics in Male Breast Cancer: A Retrospective Case Series. Oncologist, 2015, 20, 586-592.	1.9	58
80	MicroRNAâ€425â€3p predicts response to sorafenib therapy in patients with hepatocellular carcinoma. Liver International, 2015, 35, 1077-1086.	1.9	68
81	MicroRNA-21 links epithelial-to-mesenchymal transition and inflammatory signals to confer resistance to neoadjuvant trastuzumab and chemotherapy in HER2-positive breast cancer patients. Oncotarget, 2015, 6, 37269-37280.	0.8	135
82	Possible association between hepatitis C virus and malignancies different from hepatocellular carcinoma: A systematic review. World Journal of Gastroenterology, 2015, 21, 12896.	1.4	82
83	Increased SOX2 Gene Copy Number Is Associated with FGFR1 and PIK3CA Gene Gain in Non-Small Cell Lung Cancer and Predicts Improved Survival in Early Stage Disease. PLoS ONE, 2014, 9, e95303.	1.1	52
84	Possible role of tocopherols in the modulation of host microRNA with potential antiviral activity in patients with hepatitis B virus-related persistent infection: a systematic review. British Journal of Nutrition, 2014, 112, 1751-1768.	1.2	15
85	Inflammatory hepatocellular adenomatosis, metabolic syndrome, polycystic ovary syndrome and non-alcoholic steatohepatitis: Chance tetrad or association by necessity?. Digestive and Liver Disease, 2014, 46, 288-289.	0.4	19
86	Ki-67 cytological index can distinguish well-differentiated from poorly differentiated pancreatic neuroendocrine tumors: a comparative cytohistological study of 53 cases. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2014, 465, 49-55.	1.4	31
87	Telomerase reverse transcriptase promoter mutation is an early somatic genetic alteration in the transformation of premalignant nodules in hepatocellular carcinoma on cirrhosis. Hepatology, 2014, 60, 1983-1992.	3.6	268
88	YAP activation is an early event and a potential therapeutic target in liver cancer development. Journal of Hepatology, 2014, 61, 1088-1096.	1.8	191
89	Nested stromal-epithelial tumour of the liver: An unusual liver entity. World Journal of Hepatology, 2014, 6, 155.	0.8	15
90	Molecular determinants of outcome in sorafenib-treated patients with hepatocellular carcinoma. Journal of Cancer Research and Clinical Oncology, 2013, 139, 1179-1187.	1.2	34

#	Article	IF	Citations
91	Advanced precancerous lesions in the liver. Bailliere's Best Practice and Research in Clinical Gastroenterology, 2013, 27, 269-284.	1.0	46
92	Reproducibility of the WHO classification of thymomas: Practical implications. Lung Cancer, 2013, 79, 236-241.	0.9	37
93	Phase I pharmacokinetic and pharmacodynamic study of lapatinib in combination with sorafenib in patients with advanced refractory solid tumors. European Journal of Cancer, 2013, 49, 989-998.	1.3	12
94	Potential impact of the 70-gene signature in the choice of adjuvant systemic treatment for ER positive, HER2 negative tumors: A single institution experience. Breast, 2013, 22, 419-424.	0.9	11
95	Contrast-enhanced computed tomography and ultrasound-guided liver biopsy to diagnose dysplastic liver nodules in cirrhosis. Digestive and Liver Disease, 2013, 45, 43-49.	0.4	23
96	Multiple focal nodular hyperplasias induced by oxaliplatin-based chemotherapy. World Journal of Hepatology, 2013, 5, 340.	0.8	30
97	ecancermedicalscience. Ecancermedicalscience, 2012, 6, 275.	0.6	7
98	The "farmer―pathologist: a midsummer night's dream. Human Pathology, 2012, 43, 615-616.	1.1	0
99	Cardiac hibernoma: a case report. Histopathology, 2012, 61, 985-987.	1.6	7
100	Liver precancerous lesions and hepatocellular carcinoma: The histology report. Digestive and Liver Disease, 2011, 43, S361-S372.	0.4	52
101	Tuberous Breast: Morphological Study and Overview of a Borderline Entity. Canadian Journal of Plastic Surgery, 2011, 19, 42-44.	0.4	25
102	Diagnostic accuracy of clathrin heavy chain staining in a marker panel for the diagnosis of small hepatocellular carcinoma. Hepatology, 2011, 53, 1549-1557.	3.6	77
103	Detection of somatostatin receptor subtypes 2 and 5 by somatostatin receptor scintigraphy and immunohistochemistry: clinical implications in the diagnostic and therapeutic management of gastroenteropancreatic neuroendocrine tumors. Tumori, 2011, 97, 620-8.	0.6	12
104	Premalignant Hepatocellular Lesions. , 2011, , 457-472.		0
105	Cracking Spaces in Hashimoto Thyroiditis Are Lymphatic and Prelymphatic Vessels. American Journal of Surgical Pathology, 2010, 34, 1857-1861.	2.1	6
106	Hepatic metastases from breast cancer. Updates in Surgery, 2010, 62, 143-148.	0.9	22
107	Insulinâ€like growth factorâ€1 receptor and phosphorylated AKTâ€serine 473 expression in 132 resected thymomas and thymic carcinomas. Cancer, 2010, 116, 4686-4695.	2.0	59
108	Hepatic Rosai-Dorfman Disease With Coincidental Lymphoma: Report of a Case. International Journal of Surgical Pathology, 2010, 18, 540-543.	0.4	10

#	Article	IF	Citations
109	Sinusal localization of nodal micrometastases is a prognostic factor in breast cancer. Annals of Oncology, 2010, 21, 1228-1232.	0.6	4
110	Histopathological classification of hepatocellular carcinoma. Digestive and Liver Disease, 2010, 42, S228-S234.	0.4	70
111	Outcome of T1N0M0 breast cancer in relation to St. Gallen risk assignment criteria for adjuvant therapy. Breast, 2009, 18, 263-266.	0.9	14
112	The application of markers (HSP70 GPC3 and GS) in liver biopsies is useful for detection of hepatocellular carcinoma. Journal of Hepatology, 2009, 50, 746-754.	1.8	280
113	Primary resistance to cetuximab therapy in EGFR FISH-positive colorectal cancer patients. British Journal of Cancer, 2008, 99, 83-89.	2.9	167
114	Primary pulmonary meningioma. Lung Cancer, 2008, 62, 401-407.	0.9	73
115	Toker cells of the breast. Morphological and immunohistochemical characterization of 40 cases. Human Pathology, 2008, 39, 1295-1300.	1.1	58
116	Thymic Tumor With Adenoid Cystic Carcinomalike Features. American Journal of Surgical Pathology, 2007, 31, 1161-1167.	2.1	31
117	Diagnostic value of HSP70, glypican 3, and glutamine synthetase in hepatocellular nodules in cirrhosis. Hepatology, 2007, 45, 725-734.	3.6	379
118	Ductular reaction is helpful in defining early stromal invasion, small hepatocellular carcinomas, and dysplastic nodules. Cancer, 2007, 109, 915-923.	2.0	124
119	Hepatocellular dysplastic nodules. Hepatology Research, 2007, 37, S125-S134.	1.8	35
120	Anatomic Location of Breast Cancer Micrometastasis in Sentinel Lymph Node Predicts Axillary Status. Annals of Surgery, 2006, 243, 706-707.	2.1	13
121	The Capillary Lobule: A Deceptively Benign Feature of Post-Radiation Angiosarcoma of the Skin. American Journal of Dermatopathology, 2005, 27, 301-305.	0.3	41
122	Basal Cell Carcinoma Adjacent to Syringoma in Periorbital Skin. American Journal of Dermatopathology, 2005, 27, 362-363.	0.3	10
123	Malacoplakia of the gallbladder. Histopathology, 2005, 46, 474-475.	1.6	8
124	Cutaneous Melanoma Metastatic to Uterine Adenomyoma: Report of a Case. International Journal of Surgical Pathology, 2005, 13, 223-225.	0.4	9
125	Intramedullary spinal metastasis from ovarian cancer. Lancet Oncology, The, 2005, 6, 123-125.	5.1	10
126	Colonic adenolipoma with lipoblast-like cells. Histopathology, 2004, 44, 400-401.	1.6	1

#	Article	IF	CITATION
127	Apocrine sclerosing adenosis of the sweat glands. Histopathology, 2004, 45, 414-415.	1.6	4
128	Mucoepidermoid carcinoma of the breast. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2004, 444, 13-19.	1.4	64
129	Meningothelial hamartoma located in the forehead. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2003, 442, 509-510.	1.4	15
130	Smooth muscle cell differentiation in mammary stromo-epithelial lesions with evidence of a dual origin: stromal myofibroblasts and myoepithelial cells. Histopathology, 2003, 42, 448-456.	1.6	32
131	Malignant granular cell tumor of the lateral femoral cutaneous nerve: Report of a case with cytogenetic analysis. Human Pathology, 2002, 33, 1237-1240.	1.1	29
132	Renal calcium phosphate and oxalate deposition in prolonged vitamin B6 deficiency: studies on a rat model of urolithiasis. BJU International, 2002, 89, 571-575.	1.3	17
133	Actin-Rich Desmoplastic Malignant Melanoma. American Journal of Dermatopathology, 1999, 21, 537.	0.3	43
134	Identification of mitochondria in liver biopsies. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 1998, 433, 267-273.	1.4	12