Nobuhiro hata

List of Publications by Year
in descending order

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		257450	254184
159	2,573	24	43
papers	citations	h-index	g-index

165	165	165	3147
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The first-in-human phase I study of a brain-penetrant mutant IDH1 inhibitor DS-1001 in patients with recurrent or progressive IDH1-mutant gliomas. Neuro-Oncology, 2023, 25, 326-336.	1.2	23
2	Gamma distribution model of diffusion MRI for evaluating the isocitrate dehydrogenase mutation status of glioblastomas. British Journal of Radiology, 2022, 95, 20210392.	2.2	0
3	Human monocyte induced microglia-like (iMG) cells as surrogate markers to predict brain microglial activation by patients' peripheral bloods. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2022, 95, 2-S22-2.	0.0	0
4	A case of ganglioglioma grade 3 with <scp>H3 K27M</scp> mutation arising in the medial temporal lobe in an elderly patient. Neuropathology, 2022, , .	1.2	4
5	Changes in the Relapse Pattern and Prognosis of Glioblastoma After Approval of First-Line Bevacizumab: A Single-Center Retrospective Study. World Neurosurgery, 2022, 159, e479-e487.	1.3	2
6	Nivolumab therapy for a pediatricâ€•onset primary intracranial melanoma. Pediatrics International, 2022, 64, e14956.	0.5	0
7	Quantitative relaxometry using synthetic MRI could be better than T2-FLAIR mismatch sign for differentiation of IDH-mutant gliomas: a pilot study. Scientific Reports, 2022, 12, .	3.3	4
8	Prognostic impact of PDGFRA gain/amplification and MGMT promoter methylation status in patients with IDH wild-type glioblastoma. Neuro-Oncology Advances, 2022, 4, .	0.7	3
9	Molecular diagnosis of diffuse glioma using a chip-based digital PCR system to analyze IDH, TERT, and H3 mutations in the cerebrospinal fluid. Journal of Neuro-Oncology, 2021, 152, 47-54.	2.9	27
10	Mesenchymal glioblastoma-induced mature de-novo vessel formation of vascular endothelial cells in a microfluidic device. Molecular Biology Reports, 2021, 48, 395-403.	2.3	14
11	Pediatric Glioma: An Update of Diagnosis, Biology, and Treatment. Cancers, 2021, 13, 758.	3.7	20
12	Fine-Tuning Approach for Segmentation of Gliomas in Brain Magnetic Resonance Images with a Machine Learning Method to Normalize Image Differences among Facilities. Cancers, 2021, 13, 1415.	3.7	28
13	Clinical significance of CDKN2A homozygous deletion in combination with methylated MGMT status for IDHâ€wildtype glioblastoma. Cancer Medicine, 2021, 10, 3177-3187.	2.8	21
14	Current trend in treatment of glioblastoma in Japan: a national survey using the diagnostic procedure combination database (J-ASPECT study-glioblastoma). International Journal of Clinical Oncology, 2021, 26, 1441-1449.	2.2	3
15	Alectinibâ€responsive infantile anaplastic ganglioglioma with a novel VCLâ€“ALK gene fusion. Pediatric Blood and Cancer, 2021, 68, e29122.	1.5	4
16	CD206 Expression in Induced Microglia-Like Cells From Peripheral Blood as a Surrogate Biomarker for the Specific Immune Microenvironment of Neurosurgical Diseases Including Glioma. Frontiers in Immunology, 2021, 12, 670131.	4.8	13
17	Clinical implications of molecular analysis in diffuse glioma stratification. Brain Tumor Pathology, 2021, 38, 210-217.	1.7	6
18	Volumetric study reveals the relationship between outcome and early radiographic response during bevacizumab-containing chemoradiotherapy for unresectable glioblastoma. Journal of Neuro-Oncology, 2021, 154, 187-196.	2.9	8

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19	Intraventricular mucinâ€producing glioblastoma arising in the septum pellucidum at the frontal horn of the lateral ventricle: A case report. Neuropathology, 2021, 41, 381-386.	1.2	2
20	Efficacy and safety of nivolumab in Japanese patients with first recurrence of glioblastoma: an open-label, non-comparative study. International Journal of Clinical Oncology, 2021, 26, 2205-2215.	2.2	6
21	Acute-phase electroencephalography for an infantile atypical teratoid/rhabdoid tumor. Clinical Neurology and Neurosurgery, 2021, 209, 106922.	1.4	0
22	A case of diffuse midline glioma, H3 K27M mutant mimicking a hemispheric malignant glioma in an elderly patient. Neuropathology, 2020, 40, 99-103.	1.2	5
23	Intraoperative Tissue Expansion Using a Foley Catheter for a Scalp Defect: Technical Note. World Neurosurgery, 2020, 143, 62-67.	1.3	2
24	TERT promoter mutation confers favorable prognosis regardless of 1p/19q status in adult diffuse gliomas with IDH1/2 mutations. Acta Neuropathologica Communications, 2020, 8, 201.	5.2	27
25	A juvenile case of epilepsyâ€associated, isocitrate dehydrogenase wildâ€type/histone 3 wildâ€type diffuse glioma with a rare BRAF A598T mutation. Neuropathology, 2020, 40, 646-650.	1.2	3
26	A Dorsally Located Endodermal Cyst in the Foramen Magnum Mimicking an Arachnoid Cyst: A Case Report. Pediatric Neurosurgery, 2020, 55, 197-202.	0.7	1
27	Base-resolution methylomes of gliomas bearing histone H3.3 mutations reveal a G34 mutant-specific signature shared with bone tumors. Scientific Reports, 2020, 10, 16162.	3.3	12
28	Update on Chemotherapeutic Approaches and Management of Bevacizumab Usage for Glioblastoma. Pharmaceuticals, 2020, 13, 470.	3.8	9
29	Differentiation of high-grade from low-grade diffuse gliomas using diffusion-weighted imaging: a comparative study of mono-, bi-, and stretched-exponential diffusion models. Neuroradiology, 2020, 62, 815-823.	2.2	12
30	Clinical characteristics, treatment, and survival outcome in pediatric patients with atypical teratoid/rhabdoid tumors: a retrospective study by the Japan Childrenâ€™s Cancer Group. Journal of Neurosurgery: Pediatrics, 2020, 25, 111-120.	1.3	16
31	First-line bevacizumab contributes to survival improvement in glioblastoma patients complementary to temozolomide. Journal of Neuro-Oncology, 2020, 146, 451-458.	2.9	16
32	HGG-24. HIGH-GRADE GLIOMA WITH A NOVEL FUSION GENE OF VCL-ALK. Neuro-Oncology, 2020, 22, iii348-iii348.	1.2	2
33	Gamma distribution model of diffusion MRI for the differentiation of primary central nerve system lymphomas and glioblastomas. PLoS ONE, 2020, 15, e0243839.	2.5	2
34	TBIO-08. BASE-RESOLUTION METHYLOMES OF GLIOMAS BEARING HISTONE H3.3 MUTATIONS REVEAL A G34 MUTANT-SPECIFIC SIGNATURE SHARED WITH BONE TUMORS. Neuro-Oncology, 2020, 22, iii468-iii468.	1.2	0
35	LGG-20. CLINICAL FEATURES AND TREATMENT RESULTS FOR PEDIATRIC OPTICO-HYPOTHALAMIC ASTROCYTOMA. Neuro-Oncology, 2020, 22, iii370-iii370.	1.2	0
36	IMMU-09. NIVOLUMAB THERAPY FOR A PEDIATRIC-ONSET PRIMARY INTRACRANIAL MELANOMA. Neuro-Oncology, 2020, 22, iii361-iii361.	1.2	0

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37	NIMG-29. DEVELOPING AUTOMATIC SEGMENTATION METHOD FOR BRAIN TUMOR MR IMAGES THAT CAN BE USED AT MULTIPLE FACILITIES. Neuro-Oncology, 2020, 22, ii153-ii154.	1.2	0
38	MPC-06 Cutting-edge of Cancer Genomic Medicine for brain tumors. Neuro-Oncology Advances, 2020, 2, ii12-ii12.	0.7	0
39	ACT-02 Changes in Recurrence Pattern and Prognosis of Glioblastoma after Approval of Bevacizumab as First-line Application. Neuro-Oncology Advances, 2020, 2, ii7-ii8.	0.7	0
40	IM-03 CD206 expression in peripheral blood-derived induced-microglia-like cells as a surrogate biomarker for the specific immune microenvironment of glioma. Neuro-Oncology Advances, 2020, 2, ii7-ii7.	0.7	1
41	Title is missing!. , 2020, 15, e0243839.		0
42	Title is missing!. , 2020, 15, e0243839.		0
43	Title is missing!. , 2020, 15, e0243839.		0
44	Title is missing!. , 2020, 15, e0243839.		0
45	Title is missing!. , 2020, 15, e0243839.		0
46	Title is missing!. , 2020, 15, e0243839.		0
47	Differences between primary central nervous system lymphoma and glioblastoma: topographic analysis using voxel-based morphometry. Clinical Radiology, 2019, 74, 816.e1-816.e8.	1.1	4
48	Correlation between prognosis of glioblastoma and choline/N-acetyl aspartate ratio in MR spectroscopy. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2019, 18, 100498.	0.3	0
49	Relevance of calcification and contrast enhancement pattern for molecular diagnosis and survival prediction of gliomas based on the 2016 World Health Organization Classification. Clinical Neurology and Neurosurgery, 2019, 187, 105556.	1.4	7
50	Intravoxel Incoherent Motion MR Imaging of Pediatric Intracranial Tumors: Correlation with Histology and Diagnostic Utility. American Journal of Neuroradiology, 2019, 40, 878-884.	2.4	16
51	Acceleration-selective arterial spin labeling MR angiography for visualization of brain arteriovenous malformations. Neuroradiology, 2019, 61, 979-989.	2.2	10
52	Predicting TERT promoter mutation using MR images in patients with wild-type IDH1 glioblastoma. Diagnostic and Interventional Imaging, 2019, 100, 411-419.	3.2	20
53	MPC-01 PROGNOSTIC ROLE OF TERT PROMOTER IMPROVES THE STRATIFICATION OF IDH-MUTATED LOWER GRADE GLIOMA. Neuro-Oncology Advances, 2019, 1, ii22-ii22.	0.7	0
54	ACT-14 A FIRST-IN-HUMAN STUDY OF MUTANT IDH1 INHIBITOR DS-1001B IN PATIENTS WITH RECURRENT GLIOMAS. Neuro-Oncology Advances, 2019, 1, ii14-ii14.	0.7	0

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55	ACT-16 THE POTENTIAL OF HYPOFRACTIONATED RADIOTHERAPY AND BEVACIZUMAB FOR GLIOBLASTOMA TREATMENT. Neuro-Oncology Advances, 2019, 1, ii15-ii15.	0.7	0
56	Predictors of recurrence and postoperative outcomes in patients with non-skull base meningiomas based on modern neurosurgical standards. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2019, 15, 30-37.	0.3	2
57	Phase I study of a brain penetrant mutant IDH1 inhibitor DS-1001b in patients with recurrent or progressive IDH1 mutant gliomas.. Journal of Clinical Oncology, 2019, 37, 2004-2004.	1.6	23
58	Pediatric ganglioglioma with an H3 K27M mutation arising from the cervical spinal cord. Neuropathology, 2018, 38, 422-427.	1.2	12
59	The Effectiveness of Salvage Treatments for Recurrent Lesions of Oligodendrogliomas Previously Treated with Upfront Chemotherapy. World Neurosurgery, 2018, 114, e735-e742.	1.3	2
60	Reclassification of 400 consecutive glioma cases based on the revised 2016WHO classification. Brain Tumor Pathology, 2018, 35, 81-89.	1.7	19
61	Highâ€resolution melting and immunohistochemical analysis efficiently detects mutually exclusive genetic alterations of adamantinomatous and papillary craniopharyngiomas. Neuropathology, 2018, 38, 3-10.	1.2	18
62	An elderly case of malignant small cell glioma with hemorrhage coexistent with a calcified pilocytic astrocytoma component in the cerebellar hemisphere. Neuropathology, 2018, 38, 493-497.	1.2	3
63	4D ASL-based MR angiography for visualization of distal arteries and leptomeningeal collateral vessels in moyamoya disease: a comparison of techniques. European Radiology, 2018, 28, 4871-4881.	4.5	25
64	The usefulness of arcuate fasciculus tractography integrated navigation for glioma surgery near the language area; Clinical Investigation. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2017, 7, 22-28.	0.3	1
65	Insular primary glioblastomas with IDH mutations: Clinical and biological specificities. Neuropathology, 2017, 37, 200-206.	1.2	12
66	Prevalence and clinicopathological features of H3.3 G34-mutant high-grade gliomas: a retrospective study of 411 consecutive glioma cases in a single institution. Brain Tumor Pathology, 2017, 34, 103-112.	1.7	69
67	A comprehensive analysis identifies BRAF hotspot mutations associated with gliomas with peculiar epithelial morphology. Neuropathology, 2017, 37, 191-199.	1.2	33
68	Add-on bevacizumab can prevent early clinical deterioration and prolong survival in newly diagnosed partially resected glioblastoma patients with a poor performance status. OncoTargets and Therapy, 2017, Volume 10, 429-437.	2.0	15
69	Surgical Excision of Ruptured Intracranial Infectious Aneurysm Based on Indocyanine Green Videoangiography and Histopathological Examination of the Aneurysm: A Case Report. Surgery for Cerebral Stroke, 2017, 45, 471-475.	0.0	1
70	Deferred radiotherapy and upfront procarbazine–ACNU–vincristine administration for 1p19q codeleted oligodendroglial tumors are associated with favorable outcome without compromising patient performance, regardless of WHO grade. OncoTargets and Therapy, 2016, Volume 9, 7123-7131.	2.0	11
71	Precise Detection of IDH1/2 and BRAF Hotspot Mutations in Clinical Glioma Tissues by a Differential Calculus Analysis of High-Resolution Melting Data. PLoS ONE, 2016, 11, e0160489.	2.5	39
72	Current Trends and Healthcare Resource Usage in the Hospital Treatment of Primary Malignant Brain Tumor in Japan: A National Survey Using the Diagnostic Procedure Combination Database (J-ASPECT) Tj ETQq0 0 0 rgBT /Overlock 10 Tf		

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73	A case of transient acute hydrocephalus due to intraventricular hemorrhage. Nosotchu, 2016, 38, 116-119.	0.1	2
74	Impact of inserted Ta ultrathin layer and postdeposition annealing on the forming voltage of Ir/Ti/Ta/HfO2/TiN/Ti/SiO2/Si resistive switching devices. Japanese Journal of Applied Physics, 2015, 54, 04DD10.	1.5	0
75	Detection of proneural/mesenchymal marker expression in glioblastoma: temporospatial dynamics and association with chromatin-modifying gene expression. Journal of Neuro-Oncology, 2015, 125, 33-41.	2.9	8
76	Genetic Analysis of a Case of Glioblastoma with Oligodendroglial Component Arising During the Progression of Diffuse Astrocytoma. Pathology and Oncology Research, 2015, 21, 839-843.	1.9	1
77	A case of metastatic brain tumor in the perfusion territory of superficial temporal artery-middle cerebral artery anastomosis. , 2015, 6, 637.		0
78	Amide proton transfer imaging of adult diffuse gliomas: correlation with histopathological grades. Neuro-Oncology, 2014, 16, 441-448.	1.2	312
79	Usefulness of three-dimensional T1-weighted spoiled gradient-recalled echo and three-dimensional heavily T2-weighted images in preoperative evaluation of spinal dysraphism. Child's Nervous System, 2013, 29, 1905-1914.	1.1	25
80	Clinical implications of microRNAs in human glioblastoma. Frontiers in Oncology, 2013, 3, 19.	2.8	48
81	Radiation-induced spinal cord glioblastoma with cerebrospinal fluid dissemination subsequent to treatment of lymphoblastic lymphoma. , 2013, 4, 27.		8
82	Pediatric glioblastoma with oligodendroglioma component: Aggressive clinical phenotype with distinct molecular characteristics. Neuropathology, 2013, 33, 652-657.	1.2	5
83	Facial Nerve Schwannoma Arising From the Cerebellopontine Angle. Neurologia Medico-Chirurgica, 2013, 53, 242-244.	2.2	1
84	Characterization and Control of Nanostructure Size Variation. Japanese Journal of Applied Physics, 2012, 51, 05EC05.	1.5	2
85	Complex DNA repair pathways as possible therapeutic targets to overcome temozolomide resistance in glioblastoma. Frontiers in Oncology, 2012, 2, 186.	2.8	88
86	Molecular characteristics of glioblastoma with 1p/19q co-deletion. Brain Tumor Pathology, 2012, 29, 148-153.	1.7	27
87	Associations between microRNA expression and mesenchymal marker gene expression in glioblastoma. Neuro-Oncology, 2012, 14, 1153-1162.	1.2	60
88	MicroRNAs in Human Malignant Gliomas. Journal of Oncology, 2012, 2012, 1-7.	1.3	24
89	Foreign Body Granuloma Associated With Dura-Cranioplasty After Resection of Convexity Meningioma With Extracranial Extension -Case Report-. Neurologia Medico-Chirurgica, 2011, 51, 236-238.	2.2	5
90	Loss of heterozygosity analysis in malignant gliomas. Brain Tumor Pathology, 2011, 28, 191-196.	1.7	22

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91	Expression of stem cell marker and receptor kinase genes in glioblastoma tissue quantified by real-time RT-PCR. Brain Tumor Pathology, 2011, 28, 291-296.	1.7	26
92	Platelet-Derived Growth Factor BB Mediates the Tropism of Human Mesenchymal Stem Cells for Malignant Gliomas. Neurosurgery, 2010, 66, 144-157.	1.1	85
93	MiRNA-196 Is Upregulated in Glioblastoma But Not in Anaplastic Astrocytoma and Has Prognostic Significance. Clinical Cancer Research, 2010, 16, 4289-4297.	7.0	184
94	Ultralow-k/Cu Damascene Multilevel Interconnects Using High Porosity and High Modulus Self-Assembled Porous Silica. Journal of the Electrochemical Society, 2010, 157, H519.	2.9	5
95	Integration of Self-Assembled Porous Silica in Low-k/Cu Damascene Interconnects. Japanese Journal of Applied Physics, 2009, 48, 095002.	1.5	2
96	Young's Modulus Enhancement of Mesoporous Pure-Silicaâ€“Zeolite Low-Dielectric-Constant Films by Ultraviolet and Silylation Treatments. Japanese Journal of Applied Physics, 2009, 48, 050210.	1.5	6
97	A¹²⁹Xe Nuclear Magnetic Resonance Study on Xenon Trapped in Fully Dehydrated Mesoporous Silica and Molecular Sieves 5A and 13X under Atmospheric Pressure. Japanese Journal of Applied Physics, 2009, 48, 125001.	1.5	1
98	Effect of Silylation Hardening on the Electrical Characteristics of Mesoporous Pure Silica Zeolite Film. Journal of the Electrochemical Society, 2009, 156, H98.	2.9	11
99	Narrowing of the regions of allelic losses of chromosome 1p36 in meningioma tissues by an improved SSCP analysis. International Journal of Cancer, 2008, 122, 1820-1826.	5.1	13
100	Determination of Mechanical Properties of Porous Silica Low-kFilms on Si Substrates Using Orientation Dependence of Surface Acoustic Wave. Japanese Journal of Applied Physics, 2008, 47, 5400-5403.	1.5	11
101	Prevalence of copy-number neutral LOH in glioblastomas revealed by genomewide analysis of laser-microdissected tissues. Neuro-Oncology, 2008, 10, 995-1003.	1.2	34
102	Tumor-derived mesenchymal stem cells in human gliomas: Isolation and biological properties. Journal of Clinical Oncology, 2008, 26, 2001-2001.	1.6	6
103	CoWP as a Drift Barrier for Cu Ions Studied by Electric Measurements. Journal of the Electrochemical Society, 2007, 154, H672.	2.9	2
104	Electrical Characteristics of Mesoporous Pure-Silicaâ€“Zeolite Film. Japanese Journal of Applied Physics, 2007, 46, 5742-5746.	1.5	11
105	Plasma-Enhanced-Polymerization Thin-Film as a Drift Barrier for Cu Ions. Japanese Journal of Applied Physics, 2007, 46, 1951-1954.	1.5	4
106	Copper barrier properties of a low-dielectric-constant organocyclosiloxane prepared by plasma-enhanced polymerization. Applied Physics Letters, 2007, 90, 182111.	3.3	3
107	Skeletal Siâ€“Oâ€“Si network connectivity of self-assembled porous silica for low-k dielectrics depending on organoalkoxysilane concentration in precursor solutions. Journal of Applied Physics, 2007, 101, 064301.	2.5	7
108	Loss of heterozygosity analysis in an anaplastic oligodendroglioma arising after radiation therapy. Neurological Research, 2007, 29, 723-726.	1.3	6

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109	An astroblastoma case associated with loss of heterozygosity on chromosome 9p. Journal of Neuro-Oncology, 2006, 80, 69-73.	2.9	13
110	Allelic Losses of Chromosome 10 in Glioma Tissues Detected by Quantitative Single-Strand Conformation Polymorphism Analysis. Clinical Chemistry, 2006, 52, 370-378.	3.2	31
111	Plasma Etch Rates of Porous Silica Low-kFilms with Different Dielectric Constants. Japanese Journal of Applied Physics, 2006, 45, 8873-8875.	1.5	4
112	Recovery from Plasma-Process-Induced Damage in Porous Silica Low-kFilms by Organosiloxane Vapor Annealing. Japanese Journal of Applied Physics, 2006, 45, 6231-6235.	1.5	7
113	Dependences of Youngâ€™s modulus of porous silica low dielectric constant films on skeletal structure and porosity. Journal of Applied Physics, 2006, 100, 123512.	2.5	19
114	Theoretical Investigation of Dielectric Constant and Elastic Modulus of Two-Dimensional Periodic Porous Silica Films with Elliptical Cylindrical Pores. Japanese Journal of Applied Physics, 2005, 44, 1161-1165.	1.5	20
115	Theoretical Investigation into Effects of Pore Size and Pore Position Distributions on Dielectric Constant and Elastic Modulus of Two-Dimensional Periodic Porous Silica Films. Japanese Journal of Applied Physics, 2005, 44, 1166-1168.	1.5	16
116	Skeletal silica characterization in porous-silica low-dielectric-constant films by infrared spectroscopic ellipsometry. Journal of Applied Physics, 2005, 97, 113504.	2.5	19
117	Transient Capacitance Spectroscopy of Copper-Ion-Drifted Methylsilsesquiazane-Methylsilsesquioxane Interlayer Dielectrics. Japanese Journal of Applied Physics, 2004, 43, 8026-8027.	1.5	3
118	Molecular Orbital Calculation of the Elastic Modulus and the Dielectric Constant for Ultra Low-kOrganic Polymers. Japanese Journal of Applied Physics, 2004, 43, 504-507.	1.5	9
119	Nondestructive Characterization of a Series of Periodic Porous Silica Films byin situSpectroscopic Ellipsometry in a Vapor Cell. Japanese Journal of Applied Physics, 2004, 43, 1327-1329.	1.5	8
120	Mechanical Property Determination of Thin Porous Low-kFilms by Twin-Transducer Laser Generated Surface Acoustic Waves. Japanese Journal of Applied Physics, 2004, 43, 508-513.	1.5	26
121	Control of Pore Structures in Periodic Porous Silica Low-kFilms. Japanese Journal of Applied Physics, 2004, 43, 1323-1326.	1.5	15
122	Mechanical Property and Network Structure of Porous Silica Films. Japanese Journal of Applied Physics, 2004, 43, 2453-2456.	1.5	18
123	Structural and Electrical Properties of Ultralow-k, Disordered Mesoporous Silica Films Synthesized Using Nonionic Templates. Journal of the Electrochemical Society, 2004, 151, F248.	2.9	14
124	Theoretical Analysis of Elastic Modulus and Dielectric Constant for Low-kTwo-Dimensional Periodic Porous Silica Films. Japanese Journal of Applied Physics, 2004, 43, 498-503.	1.5	45
125	Mechanical properties of periodic porous silica low-k films determined by the twin-transducer surface acoustic wave technique. Review of Scientific Instruments, 2003, 74, 4539-4541.	1.3	24
126	Robust self-assembled monolayer as diffusion barrier for copper metallization. Applied Physics Letters, 2003, 83, 5181-5183.	3.3	43

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127	Effects of Surfactants on the Properties of Ordered Periodic Porous Silica Films. Japanese Journal of Applied Physics, 2003, 42, 1840-1842.	1.5	25
128	Ectopic Pituitary Adenoma in the Cavernous Sinus Causing Oculomotor Nerve Paresis-Case Report-. Neurologia Medico-Chirurgica, 2003, 43, 399-403.	2.2	10
129	A Design for an Inexpensive Ventricular Tap Device utilizing the Frontal Region Approach. Japanese Journal of Neurosurgery, 2003, 12, 196-198.	0.0	1
130	<title>Photorefractive nanocrystalline silicon: materials, science, and application</title>. , 2002, , .		0
131	Progress in deposited refractive index engineered materials and devices. , 2002, , .		1
132	High-speed light-induced photo refractive change in hydrogenated amorphous silicon. , 2002, , .		0
133	Multiple palisading granulomas in the scalp of an infant: a case report. World Neurosurgery, 2001, 56, 396-399.	1.3	6
134	<title>Prospects of amorphous-silicon-based photonic networks</title>. , 2000, 4110, 195.		2
135	Enhancement of the deposition rate of a-Si:H by introduction of an electronegative molecule into a silane discharge. Journal of Non-Crystalline Solids, 1996, 198-200, 987-990.	3.1	13
136	Steady state defect density and annealing kinetics of light-induced defects in a-Si:H deposited from â€˜newâ€™ deposition techniques. Journal of Non-Crystalline Solids, 1996, 198-200, 991-994.	3.1	3
137	A study of surface reactions during the growth of B-doped a-Si:H using the intermittent deposition technique. Journal of Non-Crystalline Solids, 1996, 198-200, 999-1002.	3.1	2
138	Deposition and extensive light soaking of highly pure hydrogenated amorphous silicon. Applied Physics Letters, 1996, 68, 2380-2382.	3.3	55
139	Stable hydrogenated amorphous silicon films deposited from silane and dichlorosilane by radio frequency plasma chemical vapor deposition. Applied Physics Letters, 1995, 66, 965-967.	3.3	16
140	Plasma Enhanced Chemical Vapour Deposition of Hydrogenated Amorphous Silicon from Dichlorosilane and Silane Gas Mixtures. Japanese Journal of Applied Physics, 1995, 34, L536-L538.	1.5	18
141	Annealing Energy Distribution of Light-Induced Defects of Hydrogenated Amorphous Silicon Films Grown from Silane and Dichlorosilane Gas Mixtures. Japanese Journal of Applied Physics, 1995, 34, L159-L162.	1.5	9
142	The Effect of Mesh Bias and Substrate Bias on the Properties of a-Si:H Deposited by Triode Plasma Chemical Vapour Deposition. Japanese Journal of Applied Physics, 1994, 33, 5663-5667.	1.5	8
143	Comparison of Defect Annealing Kinetics of a-Si:H Prepared by Pure Silane and Helium Diluted Silane by Triode Plasma Chemical Vapour Deposition. Japanese Journal of Applied Physics, 1994, 33, 6475-6480.	1.5	6
144	Dependence of steadyâ€state defect density in hydrogenated amorphous silicon on carrier generation rate studied over a wide range. Applied Physics Letters, 1993, 62, 1791-1793.	3.3	20

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145	Dependence of Steady-State Defect Density in Hydrogenated Amorphous Silicon on Carrier Generation Rate Studied Over a Wide Range. Materials Research Society Symposia Proceedings, 1993, 297, 577.	0.1	0
146	Dependence of the Saturation of Light-Induced Defect Density in a-Si:H on Temperature and Light Intensity. Japanese Journal of Applied Physics, 1992, 31, 3500-3505.	1.5	12
147	A comprehensive defect model for amorphous silicon. Journal of Applied Physics, 1992, 72, 2857-2872.	2.5	56
148	Saturation of the defect density in hydrogenated amorphous silicon by pulsed light soaking. Applied Physics Letters, 1992, 61, 1817-1819.	3.3	23
149	The Distribution of Occupied Deep Levels in a-Si:H Determined from CPM Spectra. Materials Research Society Symposia Proceedings, 1991, 219, 611.	0.1	8
150	Spectroscopic diagnostics of plasmaâ€chemicalâ€vapor deposition from silane and germane. Journal of Applied Physics, 1987, 61, 3055-3060.	2.5	31
151	Coherent Anti-Stokes Raman Spectroscopy of Radio-Frequency Discharge Plasmas of Silane and Disilane. Japanese Journal of Applied Physics, 1986, 25, 108-113.	1.5	22
152	Silane thermometry in radioâ€frequency discharge plasma by coherent antiâ€Stokes Raman spectroscopy. Journal of Applied Physics, 1986, 59, 1872-1874.	2.5	15
153	Silane plasma and surface processes in amorphous silicon deposition. Journal of Non-Crystalline Solids, 1985, 77-78, 777-780.	3.1	9
154	Neutral radical detection in silane glow-discharge plasma using coherent anti-stokes raman spectroscopy. Journal of Non-Crystalline Solids, 1983, 59-60, 667-670.	3.1	27
155	Ohmic Contact Properties of Magnesium Evaporated onto Undoped and P-doped a-Si: H. Japanese Journal of Applied Physics, 1983, 22, L197-L199.	1.5	35
156	Detection of Neutral Species in Silane Plasma Using Coherent Anti-Stokes Raman Spectroscopy. Japanese Journal of Applied Physics, 1983, 22, L1-L3.	1.5	38
157	A Photoluminescence Study of Amorphous-Microcrystalline Mixed-Phase Si:H Films. Japanese Journal of Applied Physics, 1981, 20, L793-L796.	1.5	15
158	Determination of the Optical Constants of Thin Films Using Photoacoustic Spectroscopy. Japanese Journal of Applied Physics, 1981, 20, L665-L668.	1.5	40
159	Effect of Phosphorus Atom in Self-Assembled Monolayer as a Drift Barrier for Advanced Copper Interconnects. Applied Physics Express, 0, 1, 065003.	2.4	11