

# Alessandro Della Puppa

## List of Publications by Year in descending order

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120  
papers

2,526  
citations

218677

26  
h-index

233421

45  
g-index

122  
all docs

122  
docs citations

122  
times ranked

3969  
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiomic Features Associated with Extent of Resection in Glioma Surgery. <i>Acta Neurochirurgica Supplementum</i> , 2022, 134, 341-347.	1.0	1
2	Can fifth nerve mapping guide rhizotomy for recurrent trigeminal neuralgia? Case report. <i>Neurochirurgie</i> , 2022, 68, e48-e51.	1.2	1
3	5-aminolevulinic acid and sodium fluorescein in IV ventricle ependymoma surgery: preliminary experience comparing the two techniques. <i>Neurological Sciences</i> , 2022, , 1.	1.9	0
4	Magnetic Resonance Imaging Correlates of Immune Microenvironment in Glioblastoma. <i>Frontiers in Oncology</i> , 2022, 12, 823812.	2.8	5
5	Widespread cortical functional disconnection in gliomas: an individual network mapping approach. <i>Brain Communications</i> , 2022, 4, fcac082.	3.3	17
6	Impaired cognitive control in patients with brain tumors. <i>Neuropsychologia</i> , 2022, 169, 108187.	1.6	0
7	Editorial: Bridging Cognitive Neuroscience and Neurosurgery for Effective Brain Mapping. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 899341.	2.0	0
8	Letter to the Editor Regarding 5-Aminolevulinic Acid False Positives in Cerebral Neuro-Oncology: Not All That Is Fluorescent Is Tumor. A Case-Based Update and Literature Review. <i>World Neurosurgery</i> , 2022, 161, 216-217.	1.3	0
9	Assessment of structural disconnections in gliomas: comparison of indirect and direct approaches. <i>Brain Structure and Function</i> , 2022, 227, 3109-3120.	2.3	5
10	Two dissociable semantic mechanisms predict naming errors and their responsive brain sites in awake surgery. <i>DO80 revisited. Neuropsychologia</i> , 2021, 151, 107727.	1.6	3
11	A Single-Center Experience with the Olympus ORBEYE 4K-3D Exoscope for Microsurgery of Complex Cranial Cases: Technical Nuances and Learning Curve. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2021, 82, 484-489.	0.8	12
12	Brain low-grade gliomas with high-grade spinal localization. Report of a clinical case and systematic literature review. <i>Journal of Neurosurgical Sciences</i> , 2021, , .	0.6	0
13	Myeloid Diagnostic and Prognostic Markers of Immune Suppression in the Blood of Glioma Patients. <i>Frontiers in Immunology</i> , 2021, 12, 809826.	4.8	8
14	An Overview of Intracranial Ependymomas in Adults. <i>Cancers</i> , 2021, 13, 6128.	3.7	2
15	Sustained Accumulation of Blood-Derived Macrophages in the Immune Microenvironment of Patients with Recurrent Glioblastoma after Therapy. <i>Cancers</i> , 2021, 13, 6178.	3.7	9
16	Focal left prefrontal lesions and cognitive impairment: A multivariate lesion-symptom mapping approach. <i>Neuropsychologia</i> , 2020, 136, 107253.	1.6	9
17	Development of machine learning models to prognosticate chronic shunt-dependent hydrocephalus after aneurysmal subarachnoid hemorrhage. <i>Acta Neurochirurgica</i> , 2020, 162, 3093-3105.	1.7	19
18	5-ALA fluorescence on tumors different from malignant gliomas. Review of the literature and our experience. <i>Journal of Neurosurgical Sciences</i> , 2020, 63, 661-669.	0.6	8

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19	Are familial colloid cysts of the third ventricle associated with a worse clinical course than sporadic forms? Case illustration and systematic literature review. <i>Journal of Neurosurgical Sciences</i> , 2020, , .	0.6	1
20	Immunosuppressive activity of tumor-infiltrating myeloid cells in patients with meningioma. <i>Oncolmmunology</i> , 2018, 7, e1440931.	4.6	22
21	Microsurgical Clipping of Intracranial Aneurysms Assisted by Neurophysiological Monitoring, Microvascular Flow Probe, and ICG-VA: Outcomes and Intraoperative Data on a Multimodal Strategy. <i>World Neurosurgery</i> , 2018, 113, e336-e344.	1.3	24
22	Radiotherapy in acromegaly: Long-term brain parenchymal and vascular magnetic resonance changes. <i>Journal of Neuroradiology</i> , 2018, 45, 323-328.	1.1	7
23	Tuberculum Sellae Meningioma Resection: Technical Nuances on the Frontopterional Approach. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2018, 79, S225-S226.	0.8	3
24	Effectiveness of antiangiogenic drugs in glioblastoma patients: A systematic review and meta-analysis of randomized clinical trials. <i>Critical Reviews in Oncology/Hematology</i> , 2017, 111, 94-102.	4.4	73
25	The â€œICG Entrapment Signâ€ in Cerebral Aneurysm Surgery Assisted by Indocyanine Green Videoangiography. <i>World Neurosurgery</i> , 2017, 97, 287-291.	1.3	5
26	Utility of indocyanine green videoangiography in subcortical arteriovenous malformation resection. <i>Neurosurgical Focus</i> , 2017, 43, V10.	2.3	5
27	A synthetic BMP-2 mimicking peptide induces glioblastoma stem cell differentiation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 2282-2292.	2.4	17
28	Rare association between spinal dural arteriovenous fistulas and dysraphisms: Report of two cases and review of the literature with a focus on pitfalls in diagnosis and treatment. <i>Interventional Neuroradiology</i> , 2017, 23, 458-464.	1.1	8
29	Addressing the selective role of distinct prefrontal areas in response suppression: A study with brain tumor patients. <i>Neuropsychologia</i> , 2017, 100, 120-130.	1.6	24
30	Beyond breast specificâ€”Graded Prognostic Assessment in patients with brain metastases from breast cancer: treatment impact on outcome. <i>Journal of Neuro-Oncology</i> , 2017, 131, 369-376.	2.9	8
31	Outcome of patients affected by newly diagnosed glioblastoma undergoing surgery assisted by 5-aminolevulinic acid guided resection followed by BCNU wafers implantation: a 3-year follow-up. <i>Journal of Neuro-Oncology</i> , 2017, 131, 331-340.	2.9	17
32	Endovascular rescue treatment through stent positioning after surgical clipping of intracranial aneurysms complicated by parent artery obstruction. <i>BMJ Case Reports</i> , 2017, 2017, bcr-2017-013321.	0.5	1
33	Indocyanine green videoangiography application in distal (M4) middle cerebral artery aneurysm surgery. <i>Journal of Neurosurgical Sciences</i> , 2017, 61, 351-354.	0.6	1
34	The unusual subarachnoid hemorrhage presentation by a "sentinel" isolated trochlear nerve palsy of a posterior communicating artery aneurysm. <i>Journal of Neurosurgical Sciences</i> , 2017, 61, 444-446.	0.6	1
35	Urine 2-Hydroxyglutarate in Glioma. <i>Oncologist</i> , 2016, 21, 1026-1026.	3.7	3
36	Clinical outcome of an alternative fotemustine schedule in elderly patients with recurrent glioblastoma: a mono-institutional retrospective study. <i>Journal of Neuro-Oncology</i> , 2016, 128, 481-486.	2.9	12

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37	Intraoperative Flow Measurement by Microflow Probe During Spinal Dural Arteriovenous Fistula Surgery. <i>World Neurosurgery</i> , 2016, 89, 413-419.	1.3	7
38	Multimodal Flow-Assisted Resection of Brain AVMs. <i>Acta Neurochirurgica Supplementum</i> , 2016, 123, 141-145.	1.0	2
39	5-ALA fluorescence applied to glioneuronal tumors. <i>Acta Neurochirurgica</i> , 2016, 158, 2123-2125.	1.7	0
40	ICG-VA application in subtemporal transtentorial treatment of a Cognard V dural arteriovenous fistula. <i>Neurosurgical Focus</i> , 2016, 40, 1.	2.3	2
41	Indocyanine Green Videoangiography Transoptic Visualization and Clipping Confirmation of an Optic Splitting Ophthalmic Artery Aneurysm. <i>World Neurosurgery</i> , 2016, 90, 705.e5-705.e8.	1.3	2
42	Intra-operative devascularization of petroclival meningiomas by ICG-VA-guided Bernasconi & Cassinari artery identification. <i>Acta Neurochirurgica</i> , 2016, 158, 427-428.	1.7	3
43	Surgery on motor area metastasis. <i>Neurosurgical Review</i> , 2016, 39, 71-78.	2.4	18
44	Mental time line distortion in right-brain-damaged patients: Evidence from a dynamic spatiotemporal task.. <i>Neuropsychology</i> , 2016, 30, 338-345.	1.3	10
45	Annexin 2A sustains glioblastoma cell dissemination and proliferation. <i>Oncotarget</i> , 2016, 7, 54632-54649.	1.8	29
46	Novel Nanotechnologies for Brain Cancer Therapeutics and Imaging. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 1899-1912.	1.1	4
47	A Simplified Callosal Angle Measure Best Differentiates Idiopathic-Normal Pressure Hydrocephalus from Neurodegenerative Dementia. <i>Journal of Alzheimer's Disease</i> , 2015, 46, 1033-1038.	2.6	24
48	Reconstructive strategies for dermatofibrosarcomas of the face: Role of regenerative dermal templates. <i>Head and Neck</i> , 2015, 37, E8-11.	2.0	6
49	Functional mapping of left parietal areas involved in simple addition and multiplication. A single case study of qualitative analysis of errors. <i>Journal of Neuropsychology</i> , 2015, 9, 330-335.	1.4	9
50	Clinical and Genetic Factors Associated With Severe Hematological Toxicity in Glioblastoma Patients During Radiation Plus Temozolomide Treatment. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2015, 38, 514-519.	1.3	50
51	Intraoperative Flow Measurement by Microflow Probe During Surgery for Brain Arteriovenous Malformations. <i>Operative Neurosurgery</i> , 2015, 11, 268-273.	0.8	5
52	Functional MRI and calculation processing: considerations on preliminary experience about intra-operative validation by electro-stimulation. <i>Neurological Sciences</i> , 2015, 36, 1729-1731.	1.9	0
53	Subcortical mapping of calculation processing in the right parietal lobe. <i>Journal of Neurosurgery</i> , 2015, 122, 1038-1041.	1.6	23
54	Approaching a brainstem high-grade glioma (HGG) with the assistance of 5-aminolevulinic acid (5-ALA) technology: a new strategy for an old surgical challenge. <i>Neurological Sciences</i> , 2015, 36, 797-799.	1.9	5

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55	Diagnostic Value of Plasma and Urinary 2-Hydroxyglutarate to Identify Patients With Isocitrate Dehydrogenase-Mutated Glioma. <i>Oncologist</i> , 2015, 20, 562-567.	3.7	55
56	Tissue Engineering Strategies as Tools for Personalized Meningioma Treatment. <i>Artificial Organs</i> , 2015, 39, E114-26.	1.9	6
57	The suboccipital midline approach to foramen magnum meningiomas. <i>Acta Neurochirurgica</i> , 2015, 157, 869-873.	1.7	7
58	Intraoperative functional mapping of calculation in parietal surgery. New insights and clinical implications. <i>Acta Neurochirurgica</i> , 2015, 157, 971-977.	1.7	7
59	Open Transcranial Resection of Small (<35 mm) Meningiomas of the Anterior Midline Skull Base in Current Microsurgical Practice. <i>World Neurosurgery</i> , 2015, 84, 741-750.	1.3	8
60	Predictors of survival and effect of short (40ÂGy) or standard-course (60ÂGy) irradiation plus concomitant temozolomide in elderly patients with glioblastoma: a multicenter retrospective study of AINO (Italian Association of Neuro-Oncology). <i>Journal of Neuro-Oncology</i> , 2015, 125, 359-367.	2.9	42
61	The suboccipital midline approach to foramen magnum meningiomas: safety and efficacy in a series of 23 consecutive patients over a 5-year period. <i>Acta Neurochirurgica</i> , 2015, 157, 1275-1276.	1.7	7
62	Gliomas. <i>BioMed Research International</i> , 2014, 2014, 1-2.	1.9	3
63	An Overview of Fotemustine in High-Grade Gliomas: From Single Agent to Association with Bevacizumab. <i>BioMed Research International</i> , 2014, 2014, 1-8.	1.9	10
64	Nanostructured Guidance for Peripheral Nerve Injuries: A Review with a Perspective in the Oral and Maxillofacial Area. <i>International Journal of Molecular Sciences</i> , 2014, 15, 3088-3117.	4.1	19
65	5-Aminolevulinic Acid Fluorescence in High Grade Glioma Surgery: Surgical Outcome, Intraoperative Findings, and Fluorescence Patterns. <i>BioMed Research International</i> , 2014, 2014, 1-8.	1.9	61
66	The Combination of Carmustine Wafers and Fotemustine in Recurrent Glioblastoma Patients: A Monoinstitutional Experience. <i>BioMed Research International</i> , 2014, 2014, 1-4.	1.9	2
67	Predictive value of intraoperative 5-aminolevulinic acid-induced fluorescence for detecting bone invasion in meningioma surgery. <i>Journal of Neurosurgery</i> , 2014, 120, 840-845.	1.6	69
68	Application of indocyanine green video angiography in parasagittal meningioma surgery. <i>Neurosurgical Focus</i> , 2014, 36, E13.	2.3	22
69	Predicting the "usefulness" of 5-ALA-derived tumor fluorescence for fluorescence-guided resections in pediatric brain tumors: a European survey. <i>Acta Neurochirurgica</i> , 2014, 156, 2315-2324.	1.7	87
70	The "Squeezing Maneuver" in Microsurgical Clipping of Intracranial Aneurysms Assisted by Indocyanine Green Videoangiography. <i>Operative Neurosurgery</i> , 2014, 10, 208-213.	0.8	9
71	Brainstem surgery assisted by temporary trans-venous pacing to prevent severe bradycardia. <i>Acta Neurochirurgica</i> , 2014, 156, 431-432.	1.7	1
72	The rare event of optic-chiasmatic hemorrhagic low grade glioma in adulthood. Considerations on treatment strategy. <i>Neurological Sciences</i> , 2014, 35, 623-625.	1.9	6

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73	Intra-operative 5-aminolevulinic acid (ALA)-induced fluorescence of medulloblastoma: phenotypic variability and CD133+ expression according to different fluorescence patterns. <i>Neurological Sciences</i> , 2014, 35, 99-102.	1.9	11
74	Is the intra-operative application of indocyanine green effective in retro-orbital surgery?. <i>Acta Neurochirurgica</i> , 2014, 156, 1419-1420.	1.7	3
75	Transdural indocyanine green video-angiography of vascular malformations. <i>Acta Neurochirurgica</i> , 2014, 156, 1761-1767.	1.7	11
76	Phenotypic and functional characterization of Glioblastoma cancer stem cells identified through 5-aminolevulinic acid-assisted surgery. <i>Journal of Neuro-Oncology</i> , 2014, 116, 505-513.	2.9	30
77	Intracranial internal carotid artery changes in acromegaly: a quantitative magnetic resonance angiography study. <i>Pituitary</i> , 2014, 17, 414-422.	2.9	20
78	Microsurgical clipping of intracranial aneurysms assisted by green indocyanine videoangiography (ICGV) and ultrasonic perivascular microflow probe measurement. <i>Clinical Neurology and Neurosurgery</i> , 2014, 116, 35-40.	1.4	16
79	Can the Efficacy of Indocyanine Green Videoangiography in Cerebral Arterio-Venous Malformations Surgery Be Further Improved?. <i>Neurosurgery</i> , 2014, 75, E732-E734.	1.1	5
80	Herniation of cerebellar tonsils in acromegaly: prevalence, pathogenesis and clinical impact. <i>Pituitary</i> , 2013, 16, 122-130.	2.9	10
81	Indocyanine green videoangiography (ICGV) in parasagittal meningiomas surgery. Considerations on veins management and brain function preservation. <i>Acta Neurochirurgica</i> , 2013, 155, 1475-1476.	1.7	20
82	Cognitive improvement after cranioplasty: A possible volume transmission-related effect. <i>Acta Neurochirurgica</i> , 2013, 155, 1597-1599.	1.7	17
83	Indocyanine green videoangiography (ICGV)-guided surgery of parasagittal meningiomas occluding the superior sagittal sinus (SSS). <i>Acta Neurochirurgica</i> , 2013, 155, 415-420.	1.7	46
84	5-aminolevulinic acid (5-ALA) fluorescence guided surgery of high-grade gliomas in eloquent areas assisted by functional mapping. Our experience and review of the literature. <i>Acta Neurochirurgica</i> , 2013, 155, 965-972.	1.7	90
85	Case series evidence for improvement of executive functions after late cranioplasty. <i>Brain Injury</i> , 2013, 27, 1723-1726.	1.2	14
86	Right parietal cortex and calculation processing: intraoperative functional mapping of multiplication and addition in patients affected by a brain tumor. <i>Journal of Neurosurgery</i> , 2013, 119, 1107-1111.	1.6	40
87	Letter to the Editor: 5-aminolevulinic acid-guided resection of bone-invasive meningiomas. <i>Neurosurgical Focus</i> , 2013, 35, E6.	2.3	6
88	Cisplatin and Temozolomide Combination in the Treatment of Supratentorial Anaplastic Ependymoma. <i>Chemotherapy</i> , 2013, 59, 176-180.	1.6	14
89	Hypertension as a biomarker in patients with recurrent glioblastoma treated with antiangiogenic drugs. <i>Anti-Cancer Drugs</i> , 2013, 24, 90-97.	1.4	31
90	Circulating microparticles of glial origin and tissue factor bearing in high-grade glioma: a potential prothrombotic role. <i>Thrombosis and Haemostasis</i> , 2013, 110, 378-385.	3.4	55

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91	Cilengitide in bevacizumab-refractory high-grade glioma. <i>Anti-Cancer Drugs</i> , 2012, 23, 749-753.	1.4	2
92	MGMT expression and promoter methylation status may depend on the site of surgical sample collection within glioblastoma: a possible pitfall in stratification of patients?. <i>Journal of Neuro-Oncology</i> , 2012, 106, 33-41.	2.9	34
93	Multifocal presentation of medulloblastoma in adulthood. <i>Journal of Neuro-Oncology</i> , 2012, 107, 233-237.	2.9	10
94	Serum YKL-40 following resection for cerebral glioblastoma. <i>Journal of Neuro-Oncology</i> , 2012, 107, 299-305.	2.9	47
95	Stem Cell Distribution and MGMT Expression in Glioblastoma: Role of Intratumoral Hypoxic Gradient. , 2012, , 139-147.		0
96	Isolation and Expansion of Regionally Defined Human Glioblastoma Cells In Vitro. <i>Current Protocols in Stem Cell Biology</i> , 2011, 17, Unit 3.4.	3.0	12
97	A critique of visual materials in "Evidence for an occipito-temporal tract underlying visual recognition in picture naming" Clinical Neurology and Neurosurgery, 2011, 113, 80-81.	1.4	0
98	The Three-Layer Concentric Model of Glioblastoma: Cancer Stem Cells, Microenvironmental Regulation, and Therapeutic Implications. <i>Scientific World Journal</i> , The, 2011, 11, 1829-1841.	2.1	74
99	Carmustine Wafer Implantation When Surgical Cavity Is Communicating with Cerebral Ventricles: Technical Considerations on a Clinical Series. <i>World Neurosurgery</i> , 2011, 76, 156-159.	1.3	14
100	Prothrombotic state in glioblastoma multiforme: an evaluation of the procoagulant activity of circulating microparticles. <i>Journal of Neuro-Oncology</i> , 2011, 104, 225-231.	2.9	66
101	Co-localisation of meningioma and craniopharyngioma mimicking a single skull base tumour in an elderly patient. <i>Journal of Neuro-Oncology</i> , 2011, 102, 167-170.	2.9	8
102	Cisplatin and temozolomide combination in the treatment of leptomeningeal carcinomatosis from ethmoid sinus intestinal-type adenocarcinoma. <i>Journal of Neuro-Oncology</i> , 2011, 104, 381-386.	2.9	16
103	Postoperative seizure in high grade glioma patients treated with BCNU wafers. A mono-institutional experience. <i>Journal of Neuro-Oncology</i> , 2011, 105, 275-280.	2.9	12
104	Hemifacial spasm can be the presenting symptom of a fourth ventricle tumour. A short case-illustrated review and pathogenetic considerations. <i>Acta Neurochirurgica</i> , 2011, 153, 2383-2387.	1.7	4
105	Increased Rate of Intracranial Saccular Aneurysms in Acromegaly: An MR Angiography Study and Review of the Literature. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 1292-1300.	3.6	56
106	Neoplastic Meningitis from Solid Tumors: New Diagnostic and Therapeutic Approaches. <i>Oncologist</i> , 2011, 16, 1175-1188.	3.7	38
107	Pontocerebellar Angle Aspergillosis. <i>Neurologist</i> , 2011, 17, 75-78.	0.7	4
108	Hyaluronan and Fibrin Biomaterial as Scaffolds for Neuronal Differentiation of Adult Stem Cells Derived from Adipose Tissue and Skin. <i>International Journal of Molecular Sciences</i> , 2011, 12, 6749-6764.	4.1	30

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109	Image-guided cranial osteoma resection and bioceramic porous hydroxyapatite custom-made reconstruction in a one-step surgical procedure. Technical notes and illustrative case. <i>Acta Neurochirurgica</i> , 2010, 152, 155-159.	1.7	22
110	Diffusion-weighted imaging does not predict histological grading in meningiomas. <i>Acta Neurochirurgica</i> , 2010, 152, 1315-1319.	1.7	82
111	The first 3 months after BCNU wafers implantation in high-grade glioma patients: clinical and radiological considerations on a clinical series. <i>Acta Neurochirurgica</i> , 2010, 152, 1923-1931.	1.7	21
112	Solitary intra-ventricular brain metastasis from a breast carcinoma. <i>Journal of Neuro-Oncology</i> , 2010, 97, 123-126.	2.9	12
113	Hypoxia and succinate antagonize 2-deoxyglucose effects on glioblastoma. <i>Biochemical Pharmacology</i> , 2010, 80, 1517-1527.	4.4	47
114	Intratumoral Hypoxic Gradient Drives Stem Cells Distribution and MGMT Expression in Glioblastoma. <i>Stem Cells</i> , 2010, 28, 851-862.	3.2	262
115	Interaction of Hypoxia-Inducible Factor-1 $\alpha$ and Notch Signaling Regulates Medulloblastoma Precursor Proliferation and Fate. <i>Stem Cells</i> , 2010, 28, 1918-1929.	3.2	133
116	Neural potential of a stem cell population in the adipose and cutaneous tissues. <i>Neurological Research</i> , 2010, 32, 47-54.	1.3	46
117	Use of a new absorbable sealing film for preventing postoperative cerebrospinal fluid leaks: remarks on a new approach. <i>British Journal of Neurosurgery</i> , 2010, 24, 609-611.	0.8	15
118	Molecular Mechanisms of HIF-1 $\alpha$ Modulation Induced by Oxygen Tension and BMP2 in Glioblastoma Derived Cells. <i>PLoS ONE</i> , 2009, 4, e6206.	2.5	45
119	Presurgical <sup>99m</sup> Tc-sestamibi brain SPET/CT versus SPET: a comparison with MRI and histological data in 33 patients with brain tumours. <i>Nuclear Medicine Communications</i> , 2009, 30, 660-668.	1.1	10
120	Macrocephaly, Subarachnoid Fluid Collection, and Glutaric Aciduria Type I. <i>Journal of Child Neurology</i> , 1996, 11, 414-417.	1.4	14