

# Thomas M Pearce

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

431  
citations

1040056

9  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

685  
citing authors

#	ARTICLE	IF	CITATIONS
1	An externally driven magnetic microstirrer. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2004, 362, 1059-1068.	3.4	93
2	Microtechnology: Meet neurobiology. <i>Lab on A Chip</i> , 2007, 7, 30-40.	6.0	77
3	Integrated microelectrode array and microfluidics for temperature clamp of sensory neurons in culture. <i>Lab on A Chip</i> , 2005, 5, 97.	6.0	74
4	Intracranial Myxoid Mesenchymal Tumor with Rare <i>EWSR1-CREM</i> Translocation. <i>Pediatric Neurosurgery</i> , 2019, 54, 347-353.	0.7	29
5	The spectrum of rare central nervous system (CNS) tumors with <i>EWSR1</i> $\rightarrow$ ETS fusions: experience from three pediatric institutions with review of the literature. <i>Brain Pathology</i> , 2021, 31, 70-83.	4.1	29
6	A microfluidic brain slice perfusion chamber for multisite recording using penetrating electrodes. <i>Journal of Neuroscience Methods</i> , 2010, 189, 5-13.	2.5	27
7	The risk to future pregnancies of transfusing Rh(D)-negative females of childbearing potential with Rh(D)-positive red blood cells during trauma resuscitation is dependent on their age at transfusion. <i>Vox Sanguinis</i> , 2021, 116, 831-840.	1.5	27
8	Homozygous deletion of CDKN2A by fluorescence in situ hybridization is prognostic in grade 4, but not grade 2 or 3, IDH-mutant astrocytomas. <i>Acta Neuropathologica Communications</i> , 2020, 8, 169.	5.2	19
9	Dynamic control of extracellular environment in in vitro neural recording systems. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2005, 13, 207-212.	4.9	12
10	Interactive Browser-Based Genomics Data Visualization Tools for Translational and Clinical Laboratory Applications. <i>Journal of Molecular Diagnostics</i> , 2019, 21, 985-993.	2.8	7
11	An Integrated Management Paradigm for Skull Base Chordoma Based on Clinical and Molecular Characteristics. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2021, 82, 601-607.	0.8	7
12	Immunoglobulin G4 hypophysitis in a 63-year-old woman with no autoimmune history: a case report. <i>Journal of Medical Case Reports</i> , 2021, 15, 446.	0.8	6
13	Information theory approaches to improve glioma diagnostic workflows in surgical neuropathology. <i>Brain Pathology</i> , 2022, 32, e13050.	4.1	5
14	The dominant TP53 hotspot mutation in IDH-mutant astrocytoma, R273C, has distinctive pathologic features and sex-specific prognostic implications. <i>Neuro-Oncology Advances</i> , 2022, 4, v182.	0.7	5
15	Comparison of the collection approaches of 2 large thyroid fine-needle aspiration practices reveals differing advantages for cytology and molecular testing adequacy rates. <i>Journal of the American Society of Cytopathology</i> , 2019, 8, 243-249.	0.5	4
16	Germ cell tumors of the central nervous system: A brief review and site-specific considerations. <i>Seminars in Diagnostic Pathology</i> , 2023, 40, 47-51.	1.5	3