

Katrina Peariso

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,624
citations

257101

24
h-index

288905

40
g-index

42
all docs

42
docs citations

42
times ranked

1999
citing authors

#	ARTICLE	IF	CITATIONS
1	Cobalamin-Independent Methionine Synthase from <i>Escherichia coli</i> : A Zinc Metalloenzyme. <i>Biochemistry</i> , 1996, 35, 12228-12234.	1.2	141
2	Association of Time to Treatment With Short-term Outcomes for Pediatric Patients With Refractory Convulsive Status Epilepticus. <i>JAMA Neurology</i> , 2018, 75, 410.	4.5	139
3	Characterization of the Zinc Binding Site in Methionine Synthase Enzymes of <i>Escherichia coli</i> : The Role of Zinc in the Methylation of Homocysteine. <i>Journal of the American Chemical Society</i> , 1998, 120, 8410-8416.	6.6	120
4	Time from convulsive status epilepticus onset to anticonvulsant administration in children. <i>Neurology</i> , 2015, 84, 2304-2311.	1.5	101
5	Identification of the Zinc Ligands in Cobalamin-Independent Methionine Synthase (MetE) from <i>Escherichia coli</i> . <i>Biochemistry</i> , 1999, 38, 15915-15926.	1.2	87
6	Gaps and opportunities in refractory status epilepticus research in children: A multi-center approach by the Pediatric Status Epilepticus Research Group (pSERG). <i>Seizure: the Journal of the British Epilepsy Association</i> , 2014, 23, 87-97.	0.9	84
7	Characterization of the Zinc Sites in Cobalamin-Independent and Cobalamin-Dependent Methionine Synthase Using Zinc and Selenium X-ray Absorption Spectroscopy. <i>Biochemistry</i> , 2001, 40, 987-993.	1.2	72
8	The PcoC Copper Resistance Protein Coordinates Cu(I) via Novel S-Methionine Interactions. <i>Journal of the American Chemical Society</i> , 2003, 125, 342-343.	6.6	60
9	Electronic Structure Description of the cis-MoOS Unit in Models for Molybdenum Hydroxylases. <i>Journal of the American Chemical Society</i> , 2008, 130, 55-65.	6.6	58
10	MicroRNA-induced silencing in epilepsy: Opportunities and challenges for clinical application. <i>Developmental Dynamics</i> , 2018, 247, 94-110.	0.8	53
11	Active-Site Stereochemical Control of Oxygen Atom Transfer Reactivity in Sulfite Oxidase. <i>Journal of the American Chemical Society</i> , 2002, 124, 9006-9007.	6.6	50
12	Testing Bridge-Mediated Differences in Dinuclear Valence Tautomeric Behavior. <i>Inorganic Chemistry</i> , 2006, 45, 4461-4467.	1.9	47
13	Pediatric Stroke Rates Over 17 Years: Report From a Population-Based Study. <i>Journal of Child Neurology</i> , 2018, 33, 463-467.	0.7	47
14	Recent applications of MCD spectroscopy to metalloenzymes. <i>Current Opinion in Chemical Biology</i> , 2003, 7, 220-227.	2.8	46
15	Effect of COVID-19 on Emergent Stroke Care. <i>Stroke</i> , 2020, 51, e2111-e2114.	1.0	44
16	Refractory Status Epilepticus in Children: Intention to Treat With Continuous Infusions of Midazolam and Pentobarbital*. <i>Pediatric Critical Care Medicine</i> , 2016, 17, 968-975.	0.2	43
17	<i>KCTD7</i> deficiency defines a distinct neurodegenerative disorder with a conserved autophagy lysosome defect. <i>Annals of Neurology</i> , 2018, 84, 766-780.	2.8	42
18	Synthesis and EPR Characterization of New Models for the One-Electron Reduced Molybdenum Site of Sulfite Oxidase. <i>Inorganic Chemistry</i> , 2003, 42, 6194-6203.	1.9	39

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19	Efficacy and safety of ketogenic diet for treatment of pediatric convulsive refractory status epilepticus. <i>Epilepsy Research</i> , 2018, 144, 1-6.	0.8	37
20	EXAFS studies of the zinc sites of UDP-(3-O-acyl)-N-acetylglucosamine deacetylase (LpxC). <i>Journal of Inorganic Biochemistry</i> , 2003, 94, 78-85.	1.5	36
21	Zinc ²⁺ -Thiolate Intermediate in Catalysis of Methyl Group Transfer in <i>Methanosarcina barkeri</i> . <i>Biochemistry</i> , 2001, 40, 13068-13078.	1.2	32
22	Structural Basis for the Functional Switch of the <i>E. coli</i> Ada Protein. <i>Biochemistry</i> , 2001, 40, 4261-4271.	1.2	28
23	Refractory status epilepticus in children with and without prior epilepsy or status epilepticus. <i>Neurology</i> , 2017, 88, 386-394.	1.5	27
24	Sulfur K-edge Spectroscopic Investigation of Second Coordination Sphere Effects in Oxomolybdenum-Thiolates: A Relationship to Molybdenum ^{VI} -Cysteine Covalency and Electron Transfer in Sulfite Oxidase. <i>Inorganic Chemistry</i> , 2007, 46, 1259-1267.	1.9	25
25	Class of Photostable, Highly Efficient UV Dyes: 2-Phenylbenzoxazoles. <i>Applied Spectroscopy</i> , 1996, 50, 316-319.	1.2	24
26	Clinical presentation of new onset refractory status epilepticus in children (the pSERG cohort). <i>Epilepsia</i> , 2021, 62, 1629-1642.	2.6	23
27	Presentation, diagnosis and treatment of bilateral Rasmussen's encephalitis in a 12-year-old female. <i>Epileptic Disorders</i> , 2013, 15, 324-332.	0.7	15
28	Association of guideline publication and delays to treatment in pediatric status epilepticus. <i>Neurology</i> , 2020, 95, e1222-e1235.	1.5	15
29	Ground and excited state spectral comparisons of models for sulfite oxidase. <i>Polyhedron</i> , 2004, 23, 499-506.	1.0	14
30	First-line medication dosing in pediatric refractory status epilepticus. <i>Neurology</i> , 2020, 95, e2683-e2696.	1.5	14
31	Case of Small Vessel Disease Associated with COL4A1 Mutations following Trauma. <i>Case Reports in Neurology</i> , 2015, 7, 142-147.	0.3	11
32	Super-Refractory Status Epilepticus in Children. <i>Pediatric Critical Care Medicine</i> , 2021, Publish Ahead of Print, e613-e625.	0.2	10
33	Olfactory Bulbectomy Leads to the Development of Epilepsy in Mice. <i>PLoS ONE</i> , 2015, 10, e0138178.	1.1	9
34	Factors associated with long-term outcomes in pediatric refractory status epilepticus. <i>Epilepsia</i> , 2021, 62, 2190-2204.	2.6	8
35	X-ray microprobe imaging and X-ray microspectroscopy in biology. <i>Synchrotron Radiation News</i> , 2000, 13, 22-30.	0.2	6
36	Benzodiazepine administration patterns before escalation to second-line medications in pediatric refractory convulsive status epilepticus. <i>Epilepsia</i> , 2021, 62, 2766-2777.	2.6	6

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37	The onset of pediatric refractory status epilepticus is not distributed uniformly during the day. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2019, 70, 90-96.	0.9	4
38	Electroencephalographic Reporting for Refractory Status Epilepticus. <i>Journal of Clinical Neurophysiology</i> , 2019, 36, 365-370.	0.9	2
39	A 2-Year-Old Boy With Difficulty Waking After Bone Marrow Transplantation. <i>Seminars in Pediatric Neurology</i> , 2018, 26, 120-123.	1.0	1
40	Ictal Bradyarrhythmia in a 2-Year-Old Male with Brainstem Embryonal Tumor. <i>Journal of Pediatric Epilepsy</i> , 2020, 09, 018-021.	0.1	0
41	Time to Treatment in Pediatric Convulsive Refractory Status Epilepticus: The Weekend Effect. <i>Pediatric Neurology</i> , 2021, 120, 71-79.	1.0	0