

# Hitesh C Pandya

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

1,423  
citations

257101

24  
h-index

329751

37  
g-index

57  
all docs

57  
docs citations

57  
times ranked

1725  
citing authors

#	ARTICLE	IF	CITATIONS
1	Facilitating pharmacokinetic studies in children: a new use of dried blood spots. <i>Archives of Disease in Childhood</i> , 2010, 95, 484-487.	1.0	90
2	Toxic additives in medication for preterm infants. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2009, 94, F236-F240.	1.4	81
3	Metabolomics pilot study to identify volatile organic compound markers of childhood asthma in exhaled breath. <i>Bioanalysis</i> , 2013, 5, 2239-2247.	0.6	78
4	Oxygen dose responsiveness of human fetal airway smooth muscle cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 303, L711-L719.	1.3	74
5	Intermittent montelukast in children aged 10 months to 5 years with wheeze (WAIT trial): a multicentre, randomised, placebo-controlled trial. <i>Lancet Respiratory Medicine</i> , 2014, 2, 796-803.	5.2	72
6	Dexamethasone in children mechanically ventilated for lower respiratory tract infection caused by respiratory syncytial virus: A randomized controlled trial*. <i>Critical Care Medicine</i> , 2011, 39, 1779-1783.	0.4	56
7	Potentially harmful excipients in neonatal medicines: a pan-European observational study. <i>Archives of Disease in Childhood</i> , 2015, 100, 694-699.	1.0	55
8	Neonatal extracorporeal membrane oxygenation: practice patterns and predictors of outcome in the UK. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2009, 94, F129-F132.	1.4	53
9	Dried blood spots, pharmacokinetic studies and better medicines for children. <i>Bioanalysis</i> , 2011, 3, 779-786.	0.6	53
10	Extracorporeal life support in pertussis. <i>Pediatric Pulmonology</i> , 2003, 36, 310-315.	1.0	52
11	Dexamethasone quantification in dried blood spot samples using LC-MS: The potential for application to neonatal pharmacokinetic studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 3277-3282.	1.2	51
12	Risk assessment of neonatal excipient exposure: Lessons from food safety and other areas. <i>Advanced Drug Delivery Reviews</i> , 2014, 73, 89-101.	6.6	41
13	MAGNESium Trial In Children (MAGNETIC): a randomised, placebo-controlled trial and economic evaluation of nebulised magnesium sulphate in acute severe asthma in children. <i>Health Technology Assessment</i> , 2013, 17, v-vi, 1-216.	1.3	41
14	Developmental outcome in newborn infants treated for acute respiratory failure with extracorporeal membrane oxygenation: present experience. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2005, 91, F21-F25.	1.4	40
15	Neonatal ECMO Study of Temperature (NEST): A Randomized Controlled Trial. <i>Pediatrics</i> , 2013, 132, e1247-e1256.	1.0	40
16	Cigarette smoke enhances proliferation and extracellular matrix deposition by human fetal airway smooth muscle. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 307, L978-L986.	1.3	38
17	An Observational Study of Blood Concentrations and Kinetics of Methyl- and Propyl-Parabens in Neonates. <i>Pharmaceutical Research</i> , 2015, 32, 1084-1093.	1.7	38
18	Dried blood spots and sparse sampling: a practical approach to estimating pharmacokinetic parameters of caffeine in preterm infants. <i>British Journal of Clinical Pharmacology</i> , 2013, 75, 805-813.	1.1	37

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19	Oxygen regulates mitogen-stimulated proliferation of fetal human airway smooth muscle cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2002, 283, L1220-L1230.	1.3	36
20	Vitamin D Attenuates Cytokine-Induced Remodeling in Human Fetal Airway Smooth Muscle Cells. <i>Journal of Cellular Physiology</i> , 2015, 230, 1189-1198.	2.0	36
21	Continuous venovenous hemofiltration with or without extracorporeal membrane oxygenation in children*. <i>Pediatric Critical Care Medicine</i> , 2007, PAP, 362-5.	0.2	33
22	GC-MS analysis of ethanol and other volatile compounds in micro-volume blood samples—quantifying neonatal exposure. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 4139-4147.	1.9	33
23	Moderate hyperoxia induces extracellular matrix remodeling by human fetal airway smooth muscle cells. <i>Pediatric Research</i> , 2017, 81, 376-383.	1.1	29
24	Intravenous salbutamol for childhood asthma: evidence-based medicine?. <i>Archives of Disease in Childhood</i> , 2014, 99, 873-877.	1.0	27
25	Assessment of breath volatile organic compounds in acute cardiorespiratory breathlessness: a protocol describing a prospective real-world observational study. <i>BMJ Open</i> , 2019, 9, e025486.	0.8	24
26	cAMP-mediated secretion of brain-derived neurotrophic factor in developing airway smooth muscle. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 2506-2514.	1.9	23
27	Extracorporeal membrane oxygenation and term neonatal respiratory failure deaths in the United Kingdom compared with the United States: 1999 to 2005. <i>Pediatric Critical Care Medicine</i> , 2010, 11, 60-65.	0.2	20
28	Hyperoxia-induced changes in estradiol metabolism in postnatal airway smooth muscle. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 308, L141-L146.	1.3	16
29	Potassium Channels in Human Fetal Airway Smooth Muscle Cells. <i>Pediatric Research</i> , 1998, 43, 548-554.	1.1	16
30	Spontaneous Contraction of Pseudoglandular-Stage Human Airways Is Associated with the Presence of Smooth Muscle- $\alpha$ -Actin and Smooth Muscle-Specific Myosin Heavy Chain in Recently Differentiated Fetal Human Airway Smooth Muscle. <i>Neonatology</i> , 2006, 89, 211-219.	0.9	15
31	Differential Response of the Epithelium and Interstitium in Developing Human Fetal Lung Explants to Hypoxia. <i>Pediatric Research</i> , 2006, 59, 383-388.	1.1	14
32	Essential medicines containing ethanol elevate blood acetaldehyde concentrations in neonates. <i>European Journal of Pediatrics</i> , 2016, 175, 841-847.	1.3	14
33	Validation of methods for determining pediatric midazolam using wet whole blood and volumetric absorptive microsampling. <i>Bioanalysis</i> , 2019, 11, 1737-1754.	0.6	14
34	TLR3 activation increases chemokine expression in human fetal airway smooth muscle cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 310, L202-L211.	1.3	13
35	Use of dried blood spots to study excipient kinetics in neonates. <i>Bioanalysis</i> , 2011, 3, 2691-2693.	0.6	11
36	Quantitative analysis of methyl and propyl parabens in neonatal DBS using LC-MS/MS. <i>Bioanalysis</i> , 2016, 8, 1173-1182.	0.6	10

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37	A Step Toward More Accurate Dosing for Mercaptopurine in Childhood Acute Lymphoblastic Leukemia. <i>Journal of Clinical Pharmacology</i> , 2012, 52, 1610-1613.	1.0	9
38	Chronic lung disease of prematurity: clinical and pathophysiological correlates. <i>Monaldi Archives for Chest Disease</i> , 2001, 56, 270-5.	0.3	9
39	How Does the Changing Profile of Infants Who Are Referred for Extracorporeal Membrane Oxygenation Affect Their Overall Respiratory Outcome?. <i>Pediatrics</i> , 2007, 120, e762-e768.	1.0	8
40	Fibroblast mitogenic activity of lung lavage fluid from infants with chronic lung disease of prematurity. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2002, 86, 193F-197.	1.4	6
41	Fetal human airway smooth muscle cell production of leukocyte chemoattractants is differentially regulated by fluticasone. <i>Pediatric Research</i> , 2015, 78, 650-656.	1.1	6
42	Extracorporeal membrane oxygenation for refractory septic shock in children: One institution's experience. <i>Pediatric Critical Care Medicine</i> , 2009, 10, 534-535.	0.2	3
43	Pneumococcal sepsis: should we look for asplenia?. <i>Journal of the Royal Society of Medicine</i> , 2004, 97, 582-583.	1.1	2
44	Referral pattern of neonates with severe respiratory failure for extracorporeal membrane oxygenation. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2007, 93, F104-F107.	1.4	2
45	Cough and tachypnoea in a toddler. <i>Journal of the Royal Society of Medicine</i> , 2003, 96, 81-82.	1.1	2
46	Perfluorocarbon Emulsion Therapy Attenuates Pneumococcal Infection in Sickle Cell Mice. <i>Journal of Infectious Diseases</i> , 2015, 211, 1677-1685.	1.9	1
47	Urinary prostanoids in preschool wheeze. <i>European Respiratory Journal</i> , 2017, 49, 1601390.	3.1	1
48	What Is The Role Of Chest Computed Tomography In Children With Parapneumonic Effusion?. , 2010, , .		0
49	S26 Recurrent respiratory tract infections and specific antibody deficiency in children. <i>Thorax</i> , 2010, 65, A15-A15.	2.7	0
50	P78 Impact of severe allergic asthma in children: highlighting a role for understanding the family perspective. <i>Thorax</i> , 2010, 65, A110-A110.	2.7	0
51	P21 Success rate of sputum induction in the Leicester paediatric severe asthma clinic using. <i>Thorax</i> , 2010, 65, A85-A85.	2.7	0
52	Attitudes of Neonatal Nurses to Research and their Role in the Research Process. <i>Pediatric Research</i> , 2011, 70, 730-730.	1.1	0
53	Delivering Neonatal Drugs Research: Acceptability of Dried Blood Spot Sampling for Pharmacokinetic Research in Premature Infants. <i>Pediatric Research</i> , 2011, 70, 850-850.	1.1	0
54	Cough and tachypnoea in a toddler. <i>Journal of the Royal Society of Medicine</i> , 2002, 95, 560-560.	1.1	0

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55	Hyperoxia enhances intracellular calcium in human fetal airway smooth muscle via cyclic nucleotide regulation of brain-derived neurotrophic factor release. <i>FASEB Journal</i> , 2011, 25, 864.3.	0.2	0
56	Parent-determined oral montelukast therapy for preschool wheeze with stratification for arachidonate 5-lipoxygenase (ALOX5) promoter genotype: a multicentre, randomised, placebo-controlled trial. <i>Efficacy and Mechanism Evaluation</i> , 2015, 2, 1-126.	0.9	0