

# Harry Scheinin

## List of Publications by Citations

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56  
papers

2,887  
citations

25  
h-index

53  
g-index

58  
ext. papers

3,321  
ext. citations

4.8  
avg, IF

4.18  
L-index

#	Paper	IF	Citations
56	Time domain, geometrical and frequency domain analysis of cardiac vagal outflow: effects of various respiratory patterns. <i>Clinical Physiology</i> , <b>2001</b> , 21, 365-76		317
55	Effects of sevoflurane, propofol, and adjunct nitrous oxide on regional cerebral blood flow, oxygen consumption, and blood volume in humans. <i>Anesthesiology</i> , <b>2003</b> , 99, 603-13	4.3	286
54	Effects of surgical levels of propofol and sevoflurane anesthesia on cerebral blood flow in healthy subjects studied with positron emission tomography. <i>Anesthesiology</i> , <b>2002</b> , 96, 1358-70	4.3	217
53	Bioavailability of dexmedetomidine after extravascular doses in healthy subjects. <i>British Journal of Clinical Pharmacology</i> , <b>2003</b> , 56, 691-3	3.8	175
52	Effects of dexmedetomidine, a selective alpha 2-adrenoceptor agonist, on hemodynamic control mechanisms. <i>Clinical Pharmacology and Therapeutics</i> , <b>1989</b> , 46, 33-42	6.1	175
51	Returning from oblivion: imaging the neural core of consciousness. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 4935-43	6.6	169
50	Effects of subanesthetic doses of ketamine on regional cerebral blood flow, oxygen consumption, and blood volume in humans. <i>Anesthesiology</i> , <b>2003</b> , 99, 614-23	4.3	167
49	S-ketamine anesthesia increases cerebral blood flow in excess of the metabolic needs in humans. <i>Anesthesiology</i> , <b>2005</b> , 103, 258-68	4.3	109
48	Reversal of the sedative and sympatholytic effects of dexmedetomidine with a specific alpha2-adrenoceptor antagonist atipamezole: a pharmacodynamic and kinetic study in healthy volunteers. <i>Anesthesiology</i> , <b>1998</b> , 89, 574-84	4.3	108
47	Effects of subanesthetic ketamine on regional cerebral glucose metabolism in humans. <i>Anesthesiology</i> , <b>2004</b> , 100, 1065-71	4.3	92
46	Epileptiform discharges during 2 MAC sevoflurane anesthesia in two healthy volunteers. <i>Anesthesiology</i> , <b>1999</b> , 91, 1952-5	4.3	92
45	Intramuscular dexmedetomidine as premedication for general anesthesia. A comparative multicenter study. <i>Anesthesiology</i> , <b>1993</b> , 78, 1065-75	4.3	89
44	Effect of Inhaled Xenon on Cerebral White Matter Damage in Comatose Survivors of Out-of-Hospital Cardiac Arrest: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2016</b> , 315, 1120-8	27.4	70
43	The role of heart rate variability in risk stratification for adverse postoperative cardiac events. <i>Anesthesia and Analgesia</i> , <b>2007</b> , 105, 1548-60	3.9	62
42	Measurement of central mu-opioid receptor binding in vivo with PET and [ <sup>11</sup> C]carfentanil: a test-retest study in healthy subjects. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2009</b> , 36, 275-86	8.8	55
41	Pharmacodynamics and pharmacokinetics of intramuscular dexmedetomidine. <i>Clinical Pharmacology and Therapeutics</i> , <b>1992</b> , 52, 537-46	6.1	55
40	Cardiovascular and parasympathetic effects of dexmedetomidine in healthy subjects. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>2004</b> , 82, 359-62	2.4	54

39	Effects of xenon anesthesia on cerebral blood flow in humans: a positron emission tomography study. <i>Anesthesiology</i> , <b>2007</b> , 106, 1128-33	4.3	46
38	Sevoflurane and propofol increase 11C-flumazenil binding to gamma-aminobutyric acidA receptors in humans. <i>Anesthesia and Analgesia</i> , <b>2004</b> , 99, 1420-1426	3.9	40
37	Consciousness lost and found: subjective experiences in an unresponsive state. <i>Brain and Cognition</i> , <b>2011</b> , 77, 327-34	2.7	32
36	Spectral analysis of heart rate variability as a quantitative measure of parasympatholytic effect--integrated pharmacokinetics and pharmacodynamics of three anticholinergic drugs. <i>Therapeutic Drug Monitoring</i> , <b>1999</b> , 21, 141-51	3.2	32
35	The effects of amitriptyline, citalopram and reboxetine on autonomic nervous system. A randomised placebo-controlled study on healthy volunteers. <i>Psychopharmacology</i> , <b>2001</b> , 154, 343-9	4.7	31
34	Intravenous ethanol increases dopamine release in the ventral striatum in humans: PET study using bolus-plus-infusion administration of [(11)C]raclopride. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2015</b> , 35, 424-31	7.3	28
33	Xenon does not affect gamma-aminobutyric acid type A receptor binding in humans. <i>Anesthesia and Analgesia</i> , <b>2008</b> , 106, 129-34, table of contents	3.9	27
32	Analysis of rapid heart rate variability in the assessment of anticholinergic drug effects in humans. <i>European Journal of Clinical Pharmacology</i> , <b>2005</b> , 61, 559-65	2.8	26
31	Inhaled Xenon Attenuates Myocardial Damage in Comatose Survivors of Out-of-Hospital Cardiac Arrest: The Xe-Hypotheca Trial. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 2652-2660	15.1	24
30	Differentiating Drug-related and State-related Effects of Dexmedetomidine and Propofol on the Electroencephalogram. <i>Anesthesiology</i> , <b>2018</b> , 129, 22-36	4.3	23
29	Interindividual variability and lateralization of Opioid receptors in the human brain. <i>NeuroImage</i> , <b>2020</b> , 217, 116922	7.9	21
28	Directional connectivity between frontal and posterior brain regions is altered with increasing concentrations of propofol. <i>PLoS ONE</i> , <b>2014</b> , 9, e113616	3.7	20
27	CYP2D6 polymorphism is not crucial for the disposition of selegiline. <i>Clinical Pharmacology and Therapeutics</i> , <b>1998</b> , 64, 402-11	6.1	20
26	Subanesthetic ketamine does not affect 11C-flumazenil binding in humans. <i>Anesthesia and Analgesia</i> , <b>2005</b> , 101, 722-725	3.9	20
25	The effects of xenon anesthesia on the relationship between cerebral glucose metabolism and blood flow in healthy subjects: a positron emission tomography study. <i>Anesthesia and Analgesia</i> , <b>2009</b> , 108, 593-600	3.9	19
24	Enhanced noradrenergic neuronal activity increases homovanillic acid levels in cerebrospinal fluid. <i>Journal of Neurochemistry</i> , <b>1986</b> , 47, 665-7	6	18
23	Biological Day-to-Day Variation and Reference Change Limits of Serum Cortisol and Aldosterone in Healthy Young Men on Unrestricted Diets. <i>Clinical Chemistry</i> , <b>1999</b> , 45, 1097-1099	5.5	18
22	Hormonal effects of MPV-2213ad, a new selective aromatase inhibitor, in healthy male subjects. A phase I study. <i>British Journal of Clinical Pharmacology</i> , <b>1998</b> , 45, 141-6	3.8	17

21	Foundations of Human Consciousness: Imaging the Twilight Zone. <i>Journal of Neuroscience</i> , <b>2021</b> , 41, 1769-1778	6.6	14
20	Sleep apnoea is associated with major cardiac events in peripheral arterial disease. <i>European Respiratory Journal</i> , <b>2014</b> , 43, 1652-60	13.6	13
19	The influence of drug input rate on the development of tolerance to frusemide. <i>British Journal of Clinical Pharmacology</i> , <b>1998</b> , 46, 479-87	3.8	12
18	Sensitivity of [(11)C]ORM-13070 to increased extracellular noradrenaline in the CNS - a PET study in human subjects. <i>Psychopharmacology</i> , <b>2015</b> , 232, 4169-78	4.7	11
17	Validation of [(11) C]ORM-13070 as a PET tracer for alpha2c -adrenoceptors in the human brain. <i>Synapse</i> , <b>2015</b> , 69, 172-81	2.4	10
16	Pharmacokinetic-pharmacodynamic model for the anticholinergic effect of glycopyrrolate. <i>European Journal of Clinical Pharmacology</i> , <b>2001</b> , 57, 153-8	2.8	9
15	Detecting a dexmedetomidine-evoked reduction of noradrenaline release in the human brain with the alpha2C-adrenoceptor PET ligand [11C]ORM-13070. <i>Synapse</i> , <b>2016</b> , 70, 57-65	2.4	9
14	Alterations in heart rate variability in patients with peripheral arterial disease requiring surgical revascularization have limited association with postoperative major adverse cardiovascular and cerebrovascular events. <i>PLoS ONE</i> , <b>2018</b> , 13, e0203519	3.7	9
13	Single-subject analysis of N400 event-related potential component with five different methods. <i>International Journal of Psychophysiology</i> , <b>2019</b> , 144, 14-24	2.9	8
12	Buccal delivery of an alpha 2-adrenergic receptor antagonist, atipamezole, in humans. <i>Clinical Pharmacology and Therapeutics</i> , <b>1995</b> , 58, 506-11	6.1	6
11	The influence of dexmedetomidine and propofol on circulating cytokine levels in healthy subjects. <i>BMC Anesthesiology</i> , <b>2019</b> , 19, 222	2.4	6
10	Harnessing anesthesia and brain imaging for the study of human consciousness. <i>Current Pharmaceutical Design</i> , <b>2014</b> , 20, 4211-24	3.3	6
9	Pharmacokinetics of finrozole (MPV-2213ad), a novel selective aromatase inhibitor, in healthy men. <i>British Journal of Clinical Pharmacology</i> , <b>2001</b> , 52, 702-4	3.8	5
8	Nocturnal body movements and hypoxemia in middle-aged females after lower abdominal surgery under general anesthesia: a study with the static-charge-sensitive bed (SCSB). <i>Journal of Clinical Monitoring and Computing</i> , <b>1998</b> , 14, 239-44	2	4
7	Using Positron Emission Tomography in Revealing the Mystery of General Anesthesia: Study Design Challenges and Opportunities. <i>Methods in Enzymology</i> , <b>2018</b> , 603, 279-303	1.7	3
6	Seasonal Variation in the Brain $\mu$ Opioid Receptor Availability. <i>Journal of Neuroscience</i> , <b>2021</b> , 41, 1265-1273	3.6	3
5	Monoamine metabolite levels in rat CSF: kinetic studies. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>1987</b> , 61, 167-71		2
4	Alpha band frontal connectivity is a state-specific electroencephalographic correlate of unresponsiveness during exposure to dexmedetomidine and propofol. <i>British Journal of Anaesthesia</i> , <b>2020</b> , 125, 518-528	5.4	2

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|---|---|-----|
| 3 | Interindividual variability and lateralization of $\mu$ -opioid receptors in the human brain  | 1   |
| 2 | Effect of Inhaled Xenon on Cardiac Function in Comatose Survivors of Out-of-Hospital Cardiac Arrest-A Substudy of the Xenon in Combination With Hypothermia After Cardiac Arrest Trial <b>2021</b> , 3, e0502 | 0   |
| 1 | On no man's land: Subjective experiences during unresponsive and responsive sedative states induced by four different anesthetic agents. <i>Consciousness and Cognition</i> , <b>2021</b> , 96, 103239        | 2.6 |