

# Marc J Bloom

## List of Publications by Year in descending order

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34  
papers

1,807  
citations

759233

12  
h-index

434195

31  
g-index

38  
all docs

38  
docs citations

38  
times ranked

980  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bispectral Analysis Measures Sedation and Memory Effects of Propofol, Midazolam, Isoflurane, and Alfentanil in Healthy Volunteers. <i>Anesthesiology</i> , 1997, 86, 836-847.	2.5	1,203
2	The Effect of Dexmedetomidine on Perioperative Hemodynamics in Patients Undergoing Craniotomy. <i>Anesthesia and Analgesia</i> , 2008, 107, 1340-1347.	2.2	116
3	Correlation of Transcranial Doppler Sonography Mean Flow Velocity with Cerebral Blood Flow in Patients with Intracranial Pathology. <i>Journal of Neurosurgical Anesthesiology</i> , 1998, 10, 80-85.	1.2	76
4	Design of a laboratory for multineuron studies. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 1983, SMC-13, 668-676.	0.9	60
5	The Recovery of Cognitive Function After Remifentanyl- Nitrous Oxide Anesthesia Is Faster than After an Isoflurane-Nitrous Oxide-Fentanyl Combination in Elderly Patients. <i>Anesthesia and Analgesia</i> , 2000, 91, 117-122.	2.2	43
6	Electrographic Tachyphylaxis to Etomidate and Ketamine Used for Refractory Status Epilepticus Controlled with Isoflurane. <i>Journal of Neurosurgical Anesthesiology</i> , 1997, 9, 269-272.	1.2	38
7	Dexmedetomidine Infusion and Somatosensory Evoked Potentials. <i>Journal of Neurosurgical Anesthesiology</i> , 2001, 13, 320-322.	1.2	32
8	Transcranial Doppler Ultrasonography With Induction of Anesthesia for Neurosurgery. <i>Journal of Neurosurgical Anesthesiology</i> , 1994, 6, 89-97.	1.2	31
9	The Recovery of Cognitive Function After Remifentanyl- Nitrous Oxide Anesthesia Is Faster than After an Isoflurane-Nitrous Oxide-Fentanyl Combination in Elderly Patients. <i>Anesthesia and Analgesia</i> , 2000, 91, 117-122.	2.2	29
10	On the Use of Multivariable Piecewise-Linear Models for Predicting Human Response to Anesthesia. <i>IEEE Transactions on Biomedical Engineering</i> , 2004, 51, 1876-1887.	4.2	27
11	Intraoperative SSEP detection of ulnar nerve compression or ischemia in an obese patient: A unique complication associated with a specialized spinal retraction system. <i>Archives of Physical Medicine and Rehabilitation</i> , 2000, 81, 130-132.	0.9	19
12	The use of bispectral index monitoring in the anesthetic management of a patient with Rett syndrome undergoing scoliosis surgery. <i>Journal of Clinical Anesthesia</i> , 2006, 18, 161-162.	1.6	15
13	Multivariable LPV control of anesthesia delivery during surgery. , 2008, , .		12
14	Prevalence of discordant elevations of state entropy and bispectral index in patients at amnestic sevoflurane concentrations: a historical cohort study. <i>Canadian Journal of Anaesthesia</i> , 2018, 65, 512-521.	1.6	12
15	Bispectral Analysis Measures Sedation and Memory Effects of Propofol, Midazolam, Isoflurane, and Alfentanil in Healthy Volunteers. <i>Survey of Anesthesiology</i> , 1998, 42, 239.	0.1	11
16	Design of adaptive controllers for human patient anesthesia. <i>Control Engineering Practice</i> , 2015, 44, 65-77.	5.5	11
17	Isoproterenol infusion increases level of consciousness during catheter ablation of atrial fibrillation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2012, 34, 137-142.	1.3	9
18	Sudden Hypotension with a Test Dose of Chymopapain. <i>Anesthesia and Analgesia</i> , 1984, 63, 533-535.	2.2	8

#	ARTICLE	IF	CITATIONS
19	Localized hypothermia influences assessment of recovery from vecuronium neuromuscular blockade. Canadian Journal of Anaesthesia, 1994, 41, 1172-1177.	1.6	8
20	Techniques of identify clinical contexts during automated data analysis. Journal of Clinical Monitoring and Computing, 1993, 10, 17-22.	0.3	7
21	Monitoring for Cerebrovascular Surgery. International Anesthesiology Clinics, 1996, 34, 137-148.	0.8	7
22	Vein Graft Replacement of the Middle Cerebral Artery after Unsuccessful Embolectomy. Neurosurgery, 1993, 33, 723-727.	1.1	6
23	Modeling and Control of Anesthetic Pharmacodynamics. , 2007, , 263-289.		5
24	Anesthetic Effects on Neuroelectric Events. Seminars in Hearing, 1988, 9, 99-111.	1.2	4
25	Comparison of 3-D Xe CBF, Transcranial Doppler, and Carotid Stump Pressure During Carotid Balloon Test Occlusion in Humans. Journal of Neurosurgical Anesthesiology, 1991, 3, 207.	1.2	4
26	EEG MONITORING: INTRAOPERATIVE APPLICATION. Anesthesiology Clinics, 1997, 15, 551-571.	1.4	3
27	Control of Patient Response to Anesthesia using Adaptive Methods. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 391-396.	0.4	3
28	Perioperative use of bispectral (BIS) monitor for a pressure ulcer patient with locked-in syndrome (LIS). International Wound Journal, 2014, 11, 540-545.	2.9	2
29	Intraoperative Monitoring of the Processed Electroencephalogram. Seminars in Hearing, 1988, 9, 153-163.	1.2	1
30	Blinded BIS Monitoring During ERCP Shows Additional Sedatives Are Often Given When Patients Are Already in Deep Sedation. Gastrointestinal Endoscopy, 2005, 61, AB119.	1.0	1
31	Is Metocurine Better?. Anesthesiology, 1988, 68, 168-168.	2.5	1
32	Introduction to microcomputer hardware and software. Journal of Clinical Monitoring and Computing, 1987, 4, 33-46.	0.3	0
33	Level of consciousness monitoring. , 0, , 218-225.		0
34	Organization and Perturbation of Neuronal Assemblies. , 1998, , 211-224.		0