

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	Prevalence of discordant elevations of state entropy and bispectral index in patients at amnestic sevoflurane concentrations: a historical cohort study. Canadian Journal of Anaesthesia, 2018, 65, 512-521.	1.6	12
2	Design of $\frac{L}{1}$ adaptive controllers for human patient anesthesia. Control Engineering Practice, 2015, 44, 65-77.	5.5	11
3	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
4	Control of Patient Response to Anesthesia using \hat{A}_1 Adaptive Methods. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 391-396.	0.4	3
5	Isoproterenol infusion increases level of consciousness during catheter ablation of atrial fibrillation. Journal of Interventional Cardiac Electrophysiology, 2012, 34, 137-142.	1.3	9
6	Multivariable LPV control of anesthesia delivery during surgery. , 2008, , .		12
7	The Effect of Dexmedetomidine on Perioperative Hemodynamics in Patients Undergoing Craniotomy. Anesthesia and Analgesia, 2008, 107, 1340-1347.	2.2	116
8	Modeling and Control of Anesthetic Pharmacodynamics. , 2007, , 263-289.		5
9	The use of bispectral index monitoring in the anesthetic management of a patient with Rett syndrome undergoing scoliosis surgery. Journal of Clinical Anesthesia, 2006, 18, 161-162.	1.6	15
10	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
11	On the Use of Multivariable Piecewise-Linear Models for Predicting Human Response to Anesthesia. IEEE Transactions on Biomedical Engineering, 2004, 51, 1876-1887.	4.2	27
12	Dexmedetomidine Infusion and Somatosensory Evoked Potentials. Journal of Neurosurgical Anesthesiology, 2001, 13, 320-322.	1.2	32
13	The Recovery of Cognitive Function After Remifentanyl- Nitrous Oxide Anesthesia Is Faster than After an Isoflurane-Nitrous Oxide-Fentanyl Combination in Elderly Patients. Anesthesia and Analgesia, 2000, 91, 117-122.	2.2	29
14	The Recovery of Cognitive Function After Remifentanyl- Nitrous Oxide Anesthesia Is Faster than After an Isoflurane-Nitrous Oxide-Fentanyl Combination in Elderly Patients. Anesthesia and Analgesia, 2000, 91, 117-122.	2.2	43
15	Intraoperative SSEP detection of ulnar nerve compression or ischemia in an obese patient: A unique complication associated with a specialized spinal retraction system. Archives of Physical Medicine and Rehabilitation, 2000, 81, 130-132.	0.9	19
16	Bispectral Analysis Measures Sedation and Memory Effects of Propofol, Midazolam, Isoflurane, and Alfentanil in Healthy Volunteers. Survey of Anesthesiology, 1998, 42, 239.	0.1	11
17	Correlation of Transcranial Doppler Sonography Mean Flow Velocity with Cerebral Blood Flow in Patients with Intracranial Pathology. Journal of Neurosurgical Anesthesiology, 1998, 10, 80-85.	1.2	76
18	Organization and Perturbation of Neuronal Assemblies. , 1998, , 211-224.		0

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19	Electrographic Tachyphylaxis to Etomidate and Ketamine Used for Refractory Status Epilepticus Controlled with Isoflurane. Journal of Neurosurgical Anesthesiology, 1997, 9, 269-272.	1.2	38
20	Bispectral Analysis Measures Sedation and Memory Effects of Propofol, Midazolam, Isoflurane, and Alfentanil in Healthy Volunteers. Anesthesiology, 1997, 86, 836-847.	2.5	1,203
21	EEG MONITORING: INTRAOPERATIVE APPLICATION. Anesthesiology Clinics, 1997, 15, 551-571.	1.4	3
22	Monitoring for Cerebrovascular Surgery. International Anesthesiology Clinics, 1996, 34, 137-148.	0.8	7
23	Localized hypothermia influences assessment of recovery from vecuronium neuromuscular blockade. Canadian Journal of Anaesthesia, 1994, 41, 1172-1177.	1.6	8
24	Transcranial Doppler Ultrasonography With Induction of Anesthesia for Neurosurgery. Journal of Neurosurgical Anesthesiology, 1994, 6, 89-97.	1.2	31
25	Techniques of identify clinical contexts during automated data analysis. Journal of Clinical Monitoring and Computing, 1993, 10, 17-22.	0.3	7
26	Vein Graft Replacement of the Middle Cerebral Artery after Unsuccessful Embolectomy. Neurosurgery, 1993, 33, 723-727.	1.1	6
27	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
28	Intraoperative Monitoring of the Processed Electroencephalogram. Seminars in Hearing, 1988, 9, 153-163.	1.2	1
29	Anesthetic Effects on Neuroelectric Events. Seminars in Hearing, 1988, 9, 99-111.	1.2	4
30	Is Metocurine Better?. Anesthesiology, 1988, 68, 168-168.	2.5	1
31	Introduction to microcomputer hardware and software. Journal of Clinical Monitoring and Computing, 1987, 4, 33-46.	0.3	0
32	Sudden Hypotension with a Test Dose of Chymopapain. Anesthesia and Analgesia, 1984, 63, 533-535.	2.2	8
33	Design of a laboratory for multineuron studies. IEEE Transactions on Systems, Man, and Cybernetics, 1983, SMC-13, 668-676.	0.9	60
34	Level of consciousness monitoring. , 0, , 218-225.		0