John L Parker

List of Publications by Year
in descending order

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29 papers	1,537 citations	430874 18 h-index	580821 25 g-index
29 all docs	29 docs citations	29 times ranked	883 citing authors

#	Article	IF	Citations
1	A Prospective Multicenter Case Series Utilizing Intraoperative Neuromonitoring With Evoked Compound Action Potentials to Confirm Spinal Cord Stimulation Lead Placement. Neuromodulation, 2022, 25, 724-730.	0.8	5
2	The Effect of Spinal Cord Stimulation Frequency on the Neural Response and Perceived Sensation in Patients With Chronic Pain. Frontiers in Neuroscience, 2021, 15, 625835.	2.8	12
3	Electrophysiological Responses in the Human S3 Nerve During Sacral Neuromodulation for Fecal Incontinence. Frontiers in Neuroscience, 2021, 15, 712168.	2.8	5
4	Evoked Compound Action Potentials Reveal Spinal Cord Dorsal Column Neuroanatomy. Neuromodulation, 2020, 23, 82-95.	0.8	22
5	Spinal Cord Stimulation. , 2018, , 161-178.		9
6	Implanted Sensors in Neuromodulation via Electrical Stimulation. , 2018, , 451-463.		1
7	Electrically evoked compound action potential recording in peripheral nerves. Bioelectronics in Medicine, 2018, 1, 71-83.	2.0	54
8	Comparison of a simple model of dorsal column axons with the electrically evoked compound action potential. Bioelectronics in Medicine, 2018, 1, 117-130.	2.0	3
9	A new biomarker for subthalamic deep brain stimulation for patients with advanced Parkinsonâ€™s diseaseâ€”a pilot study. Journal of Neural Engineering, 2015, 12, 066013.	3.5	24
10	A new biomarker for closed-loop deep brain stimulation in the subthalamic nucleus for patients with Parkinson's disease. , 2014, , .		3
11	Electrically Evoked Compound Action Potentials Recorded From the Sheep Spinal Cord. Neuromodulation, 2013, 16, 295-303.	0.8	53
12	A model of evoked potentials in spinal cord stimulation. , 2013, 2013, 6555-8.		7
13	Compound action potentials recorded in the human spinal cord during neurostimulation for pain relief. Pain, 2012, 153, 593-601.	4.2	103
14	Surface force measurements in surfactant systems. Progress in Surface Science, 1994, 47, 205-271.	8.3	99
15	Forces between Hydrophobic Silanated Glass Surfaces. Langmuir, 1994, 10, 635-639.	3.5	89
16	Surfaces Forces between Silica Surfaces in Cationic Surfactant Solutions: Adsorption and Bilayer Formation at Normal and High pH. Langmuir, 1994, 10, 1110-1121.	3.5	135
17	Time-dependent adhesion between glass surfaces in dilute surfactant solutions. Langmuir, 1993, 9, 1965-1967.	3.5	17
18	Surface forces between glass surfaces in cetyltrimethylammonium bromide solutions. The Journal of Physical Chemistry, 1993, 97, 7706-7710.	2.9	91

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19	Hydrophobic attraction: a reexamination of electrolyte effects. The Journal of Physical Chemistry, 1992, 96, 6725-6728.	2.9	76
20	Oscillatory solvation forces: a comparison of theory and experiment. The Journal of Physical Chemistry, 1992, 96, 5086-5093.	2.9	65
21	Deformation and adhesion of elastic bodies in contact. Physical Review A, 1992, 46, 7959-7971.	2.5	183
22	Comment on "Interactions between hydrophobic surfaces. Dependence on temperature and alkyl chain length". Langmuir, 1992, 8, 2080-2080.	3.5	17
23	A novel method for measuring the force between two surfaces in a surface force apparatus. Langmuir, 1992, 8, 551-556.	3.5	70
24	Effect of divalent electrolyte on the hydrophobic attraction. The Journal of Physical Chemistry, 1990, 94, 8004-8006.	2.9	123
25	Plasma modification of mica. Journal of Colloid and Interface Science, 1990, 134, 449-458.	9.4	44
26	Forces between bilayers containing charged glycolipids. Journal of Colloid and Interface Science, 1990, 137, 571-576.	9.4	27
27	Plasma modification of mica: forces between fluorocarbon surfaces in water and a nonpolar liquid. The Journal of Physical Chemistry, 1989, 93, 6121-6125.	2.9	109
28	Measurements of the forces between a metal surface and mica across liquids. Journal of Chemical Physics, 1988, 88, 8013-8014.	3.0	68
29	Forces between bilayers of a cationic surfactant with hydroxylated headgroups: effects of interbilayer adhesion on the interactions. The Journal of Physical Chemistry, 1988, 92, 4155-4159.	2.9	23