

Query: mintchev, edmonton, calgary, alberta: all

Summary: <<

Papers: 148	Cites/paper: 7.37	h-index: 16	AWCR: 104.12
Citations: 1091	Cites/author: 393.64	g-index:28	AW-index: 10.20
Years: 19	Papers/author: 59.08	hc-index: 10	AWCRpA: 37.08
Cites/year: 57.42	Authors/paper: 2.91	hl-index: 5.45	e-index: 20.20
	hl,norm: 10	hm-index: 9.78	

Query date: 2011-11-19

Hirsch a=4.26, m=0.84

Contemporary ac=4.16

Cites/paper 7.37/2.0/0 (mean/median/mode)

Authors/paper 2.91/3.0/3 (mean/median/mode)

11 paper(s) with 1 author(s)

36 paper(s) with 2 author(s)

61 paper(s) with 3 author(s)

35 paper(s) with 4 author(s)

5 paper(s) with 5 author(s)

>>

Cites,Authors,Title,Year,Source,Publisher,ArticleURL,CitesURL

134,"MP Mintchev, YJ Kingma, KL Bowes","Accuracy of cutaneous recordings of gastric electrical activity.",1993,"Gastroenterology","ukpmc.ac.uk","http://ukpmc.ac.uk/abstract/MED/8482441","http://scholar.google.com/scholar?cites=5069622363215354643&as_sdt=2005&scioldt=0,5&hl=en&num=100"

76,"MP Mintchev, CP Sanmiguel, M Amaris...","Microprocessor-controlled movement of solid gastric content using sequential neural electrical

stimulation",2000,"Gastroenterology","Elsevier","http://www.sciencedirect.com/science/article/pii/S0016508500702071","http://scholar.google.com/scholar?cites=5047468163819803691&as_sdt=2005&sci
odt=0,5&hl=en&num=100"

72,"MP Mintchev, KL Bowes","Gastro-intestinal electrical pacemaker",2001,"US Patent
6,243,607","Google
Patents","http://www.google.com/patents?hl=en&lr=&vid=USPAT6243607&id=dNMIAAAAEBAJ&oi=fnd
&dq=mintchev+edmonton,+OR+calgary,+OR+alberta&printsec=abstract","http://scholar.google.com/sc
holar?cites=1129797437780340970&as_sdt=2005&sciott=0,5&hl=en&num=100"

54,"MP Mintchev, KL Bowes","Gastrointestinal electrical stimulator having a variable electrical
stimulus",2002,"US Patent 6,449,511","Google
Patents","http://www.google.com/patents?hl=en&lr=&vid=USPAT6449511&id=CLsLAAAAEBAJ&oi=fnd&
dq=mintchev+edmonton,+OR+calgary,+OR+alberta&printsec=abstract","http://scholar.google.com/scho
lar?cites=3694061245558515269&as_sdt=2005&sciott=0,5&hl=en&num=100"

46,"MP Mintchev, CP Sanmiguel, SJ Otto...","Microprocessor controlled movement of liquid gastric
content using sequential neural electrical
stimulation",1998,"Gut","gut.bmj.com","http://gut.bmj.com/content/43/5/607.abstract","http://schola
r.google.com/scholar?cites=11420279187333067675&as_sdt=2005&sciott=0,5&hl=en&num=100"

41,"M Mintchev...","Computer model of gastric electrical stimulation",1997,"Annals of biomedical
engineering","Springer","http://www.springerlink.com/index/EQ13JPL1M2562448.pdf","http://scholar.
google.com/scholar?cites=3588399130925948797&as_sdt=2005&sciott=0,5&hl=en&num=100"

41,"MP Mintchev, SJ Otto...","Electrogastrography can recognize gastric electrical uncoupling in
dogs",1997,"Gastroenterology","Elsevier","http://www.sciencedirect.com/science/article/pii/S0016508
597002886","http://scholar.google.com/scholar?cites=16627761914382510432&as_sdt=2005&sciott=0
,5&hl=en&num=100"

33,"...", D Irvine-Halliday, MP Mintchev","Accuracy limitations of FOG-based continuous measurement-
while-drilling surveying instruments for horizontal wells",2002,"... , IEEE Transactions
on","ieeexplore.ieee.org","http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=1177909","http://scho
lar.google.com/scholar?cites=13402712618453976982&as_sdt=2005&sciott=0,5&hl=en&num=100"

31,"MA Amaris, PZ Rashev, MP Mintchev...","Microprocessor controlled movement of solid colonic
content using sequential neural electrical
stimulation",2002,"Gut","gut.bmj.com","http://gut.bmj.com/content/50/4/475.abstract","http://schola
r.google.com/scholar?cites=3175476152704365492&as_sdt=2005&sciott=0,5&hl=en&num=100"

27,"MP Mintchev, KL Bowes","Conoidal dipole model of electrical field produced by the human
stomach",1995,"Medical and Biological Engineering and
...","Springer","http://www.springerlink.com/index/U3772N06Q5862543.pdf","http://scholar.google.co
m/scholar?cites=422148129636000728&as_sdt=2005&sciott=0,5&hl=en&num=100"

...", "Springer", "<http://www.springerlink.com/index/A855X4WH4N24637T.pdf>", "http://scholar.google.com/scholar?cites=10198527509588237351&as_sdt=2005&sciott=0,5&hl=en&num=100"

14, "...", E Pecht, D Cramer, MP Mintchev", "FOG-based navigation in downhole environment during horizontal drilling utilizing a complete inertial measurement unit: directional measurement-while-drilling ...", 2005, "...", IEEE Transactions on", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=1514655", "http://scholar.google.com/scholar?cites=4304237313708450432&as_sdt=2005&sciott=0,5&hl=en&num=100"

13, "...", S Casillas, A Senagore, MP Mintchev...", "Neural gastrointestinal electrical stimulation enhances colonic motility in a chronic canine model of delayed colonic transit", 2006, "...", "Wiley Online Library", "<http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2982.2006.00783.x/full>", "http://scholar.google.com/scholar?cites=7003460112122479994&as_sdt=2005&sciott=0,5&hl=en&num=100"

13, "...", D Irvine-Halliday, H Tabler, MP Mintchev", "New technique for reducing the angle random walk at the output of fiber optic gyroscopes during alignment processes of inertial navigation systems", 2001, "Optical ...", "link.aip.org", "<http://link.aip.org/link/?OPEGAR/40/2097/1>", "http://scholar.google.com/scholar?cites=1825158433790157146&as_sdt=2005&sciott=0,5&hl=en&num=100"

13, "...", D Irvine-Halliday, MP Mintchev", "Measurement-while-drilling surveying of highly inclined and horizontal well sections utilizing single-axis gyro sensing system", 2004, "... science and technology", "iopscience.iop.org", "<http://iopscience.iop.org/0957-0233/15/12/012>", "http://scholar.google.com/scholar?cites=17429519845609187817&as_sdt=2005&sciott=0,5&hl=en&num=100"

13, "...", W Smith, D Irvine-Halliday, MP Mintchev", "Continuous measurement-while-drilling surveying", 2004, "US Patent ...", "Google Patents", "<http://www.google.com/patents?hl=en&lr=&vid=USPAT6823602&id=AxwQAAAAEBAJ&oi=fnd&dq=mintchev+edmonton,+OR+calgary,+OR+alberta&printsec=abstract>", "http://scholar.google.com/scholar?cites=12739581735284516075&as_sdt=2005&sciott=0,5&hl=en&num=100"

12, "...", K Bott, MP Mintchev", "A quantitative study of the pixel-shifting, blurring and nonlinear distortions in MRI images caused by the presence of metal implants", 2000, "Journal of Medical ...", "informahealthcare.com", "<http://informahealthcare.com/doi/abs/10.1080/030919000294003>", "http://scholar.google.com/scholar?cites=7730792278242718167&as_sdt=2005&sciott=0,5&hl=en&num=100"

11, "A Noureldin, M Mintchev...", "Computer modelling of microelectronic closed loop fiber optic gyroscope", 1999, "... 1999 IEEE Canadian ...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=807985", "http://scholar.google.com/scholar?cites=17163985398132643888&as_sdt=2005&sciott=0,5&hl=en&num=100"

11, "... , LE Turner, E Soffer, MP Mintchev", "Hardware-software co-design of portable functional gastrointestinal stimulator system", 2003, "Journal of Medical ...", "ingentaconnect.com", "http://www.ingentaconnect.com/content/apl/tmet/2003/00000027/00000004/art00003", "http://scholar.google.com/scholar?cites=16021780948632850841&as_sdt=2005&scioldt=0,5&hl=en&num=100"

11, "... , KVIS Kaler, MP Mintchev", "Electronic Mosquito: designing a semi-invasive Microsystem for blood sampling, analysis and drug delivery applications", 2005, "Microsystem technologies", "Springer", "http://www.springerlink.com/index/X73H3530631126T7.pdf", "http://scholar.google.com/scholar?cites=17940563727002762657&as_sdt=2005&scioldt=0,5&hl=en&num=100"

10, "MP Mintchev, PZ Rashev...", "Misinterpretation of human electrogastrograms related to inappropriate data conditioning and acquisition using digital computers", 2000, "Digestive diseases and sciences", "Springer", "http://www.springerlink.com/index/QK403G32715622K0.pdf", "http://scholar.google.com/scholar?cites=15986950946564923047&as_sdt=2005&scioldt=0,5&hl=en&num=100"

10, "MP Mintchev, A Stickel, SJ Otto...", "Reliability of percent distribution of power of the electrogastrogram in recognizing gastric electrical uncoupling", 1997, "... , IEEE Transactions on", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=650001", "http://scholar.google.com/scholar?cites=6674006704539935876&as_sdt=2005&scioldt=0,5&hl=en&num=100"

10, "MP Mintchev, KL Bowes", "Comparative quantification of gastric electrical activity and electrogastrograms", 1998, "Medical and Biological Engineering and ...", "Springer", "http://www.springerlink.com/index/A63402G0H23HH384.pdf", "http://scholar.google.com/scholar?cites=663158879710043477&as_sdt=2005&scioldt=0,5&hl=en&num=100"

10, "... , MR Smith, MP Mintchev", "Improving geometric accuracy in the presence of susceptibility difference artifacts produced by metallic implants in magnetic resonance imaging", 2005, "Medical Imaging, IEEE ...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=1514557", "http://scholar.google.com/scholar?cites=8249217028937837532&as_sdt=2005&scioldt=0,5&hl=en&num=100"

9, "... , E Debru, N Church, MP Mintchev", "Manipulation of food intake and weight dynamics using retrograde neural gastric electrical stimulation in a chronic canine model", 2008, "...", "Wiley Online Library", "http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2982.2007.01027.x/full", "http://scholar.google.com/scholar?cites=10410338697900474756&as_sdt=2005&scioldt=0,5&hl=en&num=100"

9, "MP Mintchev, KL Bowes", "Computer simulation of the impact of different dimensions of the stomach on the validity of electrogastrograms", 1998, "Medical and Biological Engineering and ...", "Springer", "http://www.springerlink.com/index/TX1517P234557LH7.pdf", "http://scholar.google.com/scholar?cites=11611964713384639804&as_sdt=2005&scioldt=0,5&hl=en&num=100"

9, "PZ Rashev, MP Mintchev...", "Three-dimensional static parametric modelling of phasic colonic contractions for the purpose of microprocessor-controlled functional stimulation", 2001, "Journal of medical ...", "informahealthcare.com", "http://informahealthcare.com/doi/abs/10.1080/03091900110051659", "http://scholar.google.com/scholar?cites=16641401011521109337&as_sdt=2005&scioldt=0,5&hl=en&num=100"

9, "MP Mintchev, A Girard...", "Nonlinear adaptive noise compensation in electrogastrograms recorded from healthy dogs", 2000, "... , IEEE Transactions on", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=821769", "http://scholar.google.com/scholar?cites=6603485385773719056&as_sdt=2005&scioldt=0,5&hl=en&num=100"

9, "PZ Rashev, MP Mintchev...", "Application of an object-oriented programming paradigm in three-dimensional computer modeling of mechanically active gastrointestinal tissues", 2000, "Information Technology in ...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=870035", "http://scholar.google.com/scholar?cites=9351692992375459076&as_sdt=2005&scioldt=0,5&hl=en&num=100"

8, "... , VS Dimitrov, MR Mintchev", "Optimal wavelets for electrogastrography", 2004, "... in Medicine and ...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=1403159", "http://scholar.google.com/scholar?cites=1626173611121251137&as_sdt=2005&scioldt=0,5&hl=en&num=100"

8, "... , K Kaler, MP Mintchev", "High-pressure balloon catheter for real-time pressure monitoring in the esophagus", 2002, "Electronics, Circuits and ...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=1046471", "http://scholar.google.com/scholar?cites=13526129845522901604&as_sdt=2005&scioldt=0,5&hl=en&num=100"

8, "MP Mintchev", "Electrogastrographic impact of multi-site functional gastric electrical stimulation", 1999, "Journal of medical engineering & technology", "informahealthcare.com", "http://informahealthcare.com/doi/abs/10.1080/030919099294366", "http://scholar.google.com/scholar?cites=7386698532251812637&as_sdt=2005&scioldt=0,5&hl=en&num=100"

8, "MP Mintchev, A Stickel...", "Dynamics of the level of randomness in gastric electrical activity", 1998, "Digestive diseases and sciences", "Springer", "http://www.springerlink.com/index/G86N6171726U31W2.pdf", "http://scholar.google.com/scholar?cites=76865463722795904&as_sdt=2005&scioldt=0,5&hl=en&num=100"

8, "... , KL Bowes, MP Mintchev", "Three-dimensional object-oriented modeling of the stomach for the purpose of microprocessor-controlled functional stimulation", 2002, "Information Technology in ...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=1146679", "http://scholar.google.com/scholar?cites=16693847591264869829&as_sdt=2005&scioldt=0,5&hl=en&num=100"

7, "M Mintchev, A Stickel...", "Impact of different electrode surface areas on validity of human electrogastrograms", 1997, "Medical and Biological Engineering and ...", "Springer", "<http://www.springerlink.com/index/DLW14P4011116W47.pdf>", "http://scholar.google.com/scholar?cites=13021966100397383931&as_sdt=2005&scioldt=0,5&hl=en&num=100"

7, "..., VS Dimitrov, MP Mintchev", "Wavelet analysis in a canine model of gastric electrical uncoupling", 2004, "Physiological ...", "iopscience.iop.org", "<http://iopscience.iop.org/0967-3334/25/6/002>", "http://scholar.google.com/scholar?cites=4931984853328518728&as_sdt=2005&scioldt=0,5&hl=en&num=100"

7, "..., MR Smith, MP Mintchev", "Modeling susceptibility difference artifacts produced by metallic implants in magnetic resonance imaging with point-based thin-plate spline image registration", 2004, "Engineering in Medicine ...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=1403529", "http://scholar.google.com/scholar?cites=2808555711971684924&as_sdt=2005&scioldt=0,5&hl=en&num=100"

7, "..., DC Sadowski, MP Mintchev", "Centre-specific multichannel electrogastrographic testing utilizing wavelet-based decomposition", 2006, "Physiological ...", "iopscience.iop.org", "<http://iopscience.iop.org/0967-3334/27/7/002>", "http://scholar.google.com/scholar?cites=7758032337965422063&as_sdt=2005&scioldt=0,5&hl=en&num=100"

6, "MP Mintchev, TL Brandon...", "Non-linear digital adaptive compensation in non-ideal noise environments", 2000, "US Patent 6,094,623", "Google Patents", "<http://www.google.com/patents?hl=en&lr=&vid=USPAT6094623&id=gBwEAAAEB&oi=fnd&dq=mintchev+edmonton,+OR+calgary,+OR+alberta&printsec=abstract>", "http://scholar.google.com/scholar?cites=66001332580097743&as_sdt=2005&scioldt=0,5&hl=en&num=100"

6, "MP Mintchev", "Gastrointestinal motility control", 2008, "US Patent 7,343,201", "Google Patents", "<http://www.google.com/patents?hl=en&lr=&vid=USPAT7343201&id=N6uoAAAEB&oi=fnd&dq=mintchev+edmonton,+OR+calgary,+OR+alberta&printsec=abstract>", "http://scholar.google.com/scholar?cites=5749761665875566944&as_sdt=2005&scioldt=0,5&hl=en&num=100"

6, "..., A Høst-Madsen, KL Bowes, MP Mintchev", "Dynamics of the level of deterministic chaos associated with gastric electrical uncoupling in dogs", 2001, "Medical and Biological ...", "Springer", "<http://www.springerlink.com/index/G7513678K67K0V07.pdf>", "http://scholar.google.com/scholar?cites=14279028950635203500&as_sdt=2005&scioldt=0,5&hl=en&num=100"

6, "CP Sanmiguel, MP Mintchev...", "Dynamics of level of randomness of electrogastrograms can be indicative of gastric electrical uncoupling in dogs", 1999, "Digestive diseases and ...", "Springer", "<http://www.springerlink.com/index/W2X54K268408644K.pdf>", "http://scholar.google.com/scholar?cites=521064969694074476&as_sdt=2005&scioldt=0,5&hl=en&num=100"

6, "..., KVIS Kaler, MP Mintchev", "Ingestible capsule for impedance and pH monitoring in the esophagus", 2007, "Biomedical ...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=4376254", "http://scholar.google.com/scholar?cites=6547442487603343467&as_sdt=2005&scioldt=0,5&hl=en&num=100"

6, "..., MP Mintchev", "Observability analysis for INS alignment in horizontal drilling", 2007, "Instrumentation and Measurement, ...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=4303435", "http://scholar.google.com/scholar?cites=8220165229491464566&as_sdt=2005&scioldt=0,5&hl=en&num=100"

5, "..., G Succi, W Pedrycz, M Mintchev", "Meta Analysis—a method of combining empirical results and its application in Object-Oriented software systems", 2001, "Proceedings of the Seventh ...", "Citeseer", "", "http://scholar.google.com/scholar?cites=11606835078910525878&as_sdt=2005&scioldt=0,5&hl=en&num=100"

4, "..., J Li, K Bott, MP Mintchev", "Volterra series modelling and compensation of non-linear distortions caused by susceptibility difference artefacts related to the presence of ferromagnetic implants in ...", 2001, "Medical engineering & physics", "Elsevier", "http://www.sciencedirect.com/science/article/pii/S1350453301000443", "http://scholar.google.com/scholar?cites=9100276848942712297&as_sdt=2005&scioldt=0,5&hl=en&num=100"

4, "..., DT Westwick, MP Mintchev", "Analysis of canine model of gastric electrical uncoupling using recurrence quantification analysis", 2005, "Digestive diseases and sciences", "Springer", "http://www.springerlink.com/index/N333K81231689N22.pdf", "http://scholar.google.com/scholar?cites=11005135724607842318&as_sdt=2005&scioldt=0,5&hl=en&num=100"

4, "..., G Succi, L Benedicenti, M Mintchev", "Defining metrics for software components", 2000, "Proc. World ...", "inf.unibz.it", "", "http://scholar.google.com/scholar?cites=3041418361354707942&as_sdt=2005&scioldt=0,5&hl=en&num=100"

4, "..., M Mintchev", "Utilization of a tactical grade FOG-based inertial measurement unit in real-time downhole surveying", 2003, "SPE Annual Technical Conference and ...", "onepetro.org", "http://www.onepetro.org/mslib/servlet/onepetropreview?id=00084452&soc=SPE", "http://scholar.google.com/scholar?cites=11140898501721439915&as_sdt=2005&scioldt=0,5&hl=en&num=100"

4, "..., D Irvine-Halliday, M Mintchev", "Testing the applicability of fiber optic gyroscopes for azimuth monitoring for measurement-while-drilling processes in the oil industry", 2000, "Position Location ...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=838316", "http://scholar.google.com/scholar?cites=17249178318458539094&as_sdt=2005&scioldt=0,5&hl=en&num=100"

3, "..., D Sadowski, K Kaler, MP Mintchev...", "A CMOS imager for light blobs detection and processing", 2005, "... and Systems, 2005.

...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=1464651", "http://scholar.google.com/scholar?cites=12619232997871228747&as_sdt=2005&scioldt=0,5&hl=en&num=100"

3, "..., D Sadowski, K Kaler, MP Mintchev", "Integrated esophageal pressure, pH and bolus transit sensor", 2004, "Sensors, 2004.

...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=1426438", "http://scholar.google.com/scholar?cites=755692376195557738&as_sdt=2005&scioldt=0,5&hl=en&num=100"

3, "..., K Kaler, MA Mintchev", "The ESO-Pill™: a non-invasive MEMS capsule for bolus transit monitoring in the esophagus", 2004, "Electronics, Circuits and

...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=1399709", "http://scholar.google.com/scholar?cites=15428943057408596024&as_sdt=2005&scioldt=0,5&hl=en&num=100"

3, "..., GA Jullien, MP Mintchev", "Transcutaneous powering of implantable micro-stimulators for functional restoration of impaired gastrointestinal motility", 2003, "Engineering in Medicine

...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=1279663", "http://scholar.google.com/scholar?cites=1478680412968347453&as_sdt=2005&scioldt=0,5&hl=en&num=100"

3, "..., A Aulanier, MP Mintchev", "Pilot acute study of feedback-controlled retrograde peristalsis invoked by neural gastric electrical stimulation", 2009, "Physiological

...", "iopscience.iop.org", "http://iopscience.iop.org/0967-3334/30/3/006", "http://scholar.google.com/scholar?cites=4958668040860182422&as_sdt=2005&scioldt=0,5&hl=en&num=100"

3, "..., MP Mintchev", "Quantitative evaluation of the dynamics of external factors influencing canine gastric electrical activity before and after uncoupling", 2002, "Journal of medical engineering &

...", "informahealthcare.com", "http://informahealthcare.com/doi/abs/10.1080/03091900210156869", "http://scholar.google.com/scholar?cites=8300270078309746482&as_sdt=2005&scioldt=0,5&hl=en&num=100"

3, "..., H Tabler, D Irvine-Halliday, MP Mintchev", "A New Borehole Surveying Technique for Horizontal Drilling Processes Using One Fiber Optic Gyroscope and Three Accelerometers", 2000, "IADC/SPE Drilling

...", "onepetro.org", "http://www.onepetro.org/mslib/servlet/onepetropreview?id=00059198&soc=SPE", "http://scholar.google.com/scholar?cites=12368713000867882306&as_sdt=2005&scioldt=0,5&hl=en&num=100"

3, "..., E Neshev, MP Mintchev", "Parametric study of neural gastric electrical stimulation in acute canine models", 2007, "... , IEEE Transactions

on", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=4100843", "http://scholar.google.com/scholar?cites=1155144476353862908&as_sdt=2005&scioldt=0,5&hl=en&num=100"

2, "A Girard, MP Mintchev", "Tuning non-linear adaptive compensators in non-ideal noise environment", 1998, "Medical engineering &

physics", "Elsevier", "<http://www.sciencedirect.com/science/article/pii/S1350453398000721>", "http://scholar.google.com/scholar?cites=11440075050017136756&as_sdt=2005&scioldt=0,5&hl=en&num=100"

2, "..., MP Mintchev", "Implantable, transcutaneously powered neurostimulator system to restore gastrointestinal motility", 2005, "... in Medicine and Biology, 2005. 3rd ...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=1548404", "http://scholar.google.com/scholar?cites=10956769411653241858&as_sdt=2005&scioldt=0,5&hl=en&num=100"

2, "WC Kee, Y Jack Kingma, MP Mintchev...", "Optimal placement of impedance epigastrography electrodes", 1996, "Annals of biomedical ...", "Springer", "<http://www.springerlink.com/index/356240U271210131.pdf>", "http://scholar.google.com/scholar?cites=18245428970597120353&as_sdt=2005&scioldt=0,5&hl=en&num=100"

2, "..., M Mintchev", "Neural Networks: A Diagnostic Tool for Gastric Electrical Uncoupling?", 2004, "", "sci-gems.math.bas.bg", "<http://sci-gems.math.bas.bg:8080/jspui/handle/10525/842>", "http://scholar.google.com/scholar?cites=2839580763225897748&as_sdt=2005&scioldt=0,5&hl=en&num=100"

2, "MP Mintchev, KL Bowes", "A new look at the amplification of gastric electrical signals", 1995, "Engineering in Medicine and ...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=581228", "http://scholar.google.com/scholar?cites=16762784738301930651&as_sdt=2005&scioldt=0,5&hl=en&num=100"

2, "TL Brandon, MP Mintchev...", "Adaptive compensation of the mud pump noise in a measurement-while-drilling system", 1999, "SPE Journal", "[onepetro.org](http://www.onepetro.org)", "<http://www.onepetro.org/mslib/servlet/onepetropreview?id=00056852&soc=SPE>", "http://scholar.google.com/scholar?cites=5383965153272437017&as_sdt=2005&scioldt=0,5&hl=en&num=100"

2, "..., H Dobson, MP Mintchev", "Use of multichannel electrogastrography for noninvasive assessment of gastric myoelectrical activity in dogs", 2009, "American journal of ...", "Am Vet Med Assoc", "<http://avmajournals.avma.org/doi/abs/10.2460/ajvr.70.1.11>", "http://scholar.google.com/scholar?cites=448823983901121426&as_sdt=2005&scioldt=0,5&hl=en&num=100"

2, "..., SG Nykamp, MP Mintchev", "Use of multichannel electrointestinography for noninvasive assessment of myoelectrical activity in the cecum and large colon of horses", 2008, "American journal of ...", "Am Vet Med Assoc", "<http://avmajournals.avma.org/doi/abs/10.2460/ajvr.69.6.709>", "http://scholar.google.com/scholar?cites=390522736496565560&as_sdt=2005&scioldt=0,5&hl=en&num=100"

2, "K Kaler, MP Mintchev", "Electronic Mosquito: A Semi-Invasive MEMS for Blood Sampling and Analysis", 2003, "University of Calgary, Electrical and Computer ...", "", "", "http://scholar.google.com/scholar?cites=7739564295687154812&as_sdt=2005&scioldt=0,5&hl=en&num=100"

2, "MP Mintchev...", "Self-stabilizing encapsulated imaging system", 2006, "US Patent App.

11/347,862", "Google

Patents", "<http://www.google.com/patents?hl=en&lr=&vid=USPATAPP11347862&id=j4CYAAAAEBAJ&oi=fnd&dq=mintchev+edmonton,+OR+calgary,+OR+alberta&printsec=abstract>", "http://scholar.google.com/scholar?cites=2569377730123338098&as_sdt=2005&scioldt=0,5&hl=en&num=100"

1, "..., K Bott, MR Smith, MP Mintchev", "Method for partial reduction of the non-linearity and distortion in MR images caused by the presence of metal objects", 1999, "... 1999 IEEE Canadian ...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=808087", "http://scholar.google.com/scholar?cites=17496421469635461029&as_sdt=2005&scioldt=0,5&hl=en&num=100"

1, "..., MP Mintchev", "Method and apparatus for intra-esophageal cough detection", 2006, "... and Biology Society, 2006. EMBS'06

...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=4461809", "http://scholar.google.com/scholar?cites=12785424308419101290&as_sdt=2005&scioldt=0,5&hl=en&num=100"

1, "..., L Turner, G Jullien, MP Mintchev", "Design of an implantable multichannel neurostimulator for restoring impaired gastrointestinal motility", 2004, "9th annual conference of the ...", "...", "http://scholar.google.com/scholar?cites=12922195840970224139&as_sdt=2005&scioldt=0,5&hl=en&num=100"

1, "..., A Arriagada, MP Mintchev", "Implantable functional gastrointestinal neurostimulation", 2009, "Engineering in Medicine

...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=5332682", "http://scholar.google.com/scholar?cites=15256489375956470615&as_sdt=2005&scioldt=0,5&hl=en&num=100"

1, "..., M Hagiike, MP Mintchev...", "Effect of electrical stimulation of the LES on LES pressure in a canine model", 2008, "American Journal of ...", "Am Physiological Soc", "<http://ajpgi.physiology.org/content/295/2/G389.short>", "http://scholar.google.com/scholar?cites=1851327074658082776&as_sdt=2005&scioldt=0,5&hl=en&num=100"

1, "MP Mintchev...", "Controlled degradation of expandable polymers in gastric volume reduction treatment", 2007, "EP Patent

1,807,127", "[freepatentsonline.com](http://www.freepatentsonline.com)", "<http://www.freepatentsonline.com/EP1807127.html>", "http://scholar.google.com/scholar?cites=12301217238990114676&as_sdt=2005&scioldt=0,5&hl=en&num=100"

1, "MP Mintchev...", "Electronics WorkBench® and PSPICE® computer-aided design systems as educational tools for second and fourth-year university courses in Electronics", 0, "Proceedings of the 1999 ASEE Annual

...", "interactiv.ni.com", "...", "http://scholar.google.com/scholar?cites=2639218746416876714&as_sdt=2005&scioldt=0,5&hl=en&num=100"

1, "..., LE Turner, MP Mintchev", "Design of a portable microprocessor-based stimulator for the recreation of impaired gastrointestinal motility", 2001, "Electronics, Circuits and

...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=957428", "http://scholar.google.com/scholar?cites=9898343097210473623&as_sdt=2005&scioldt=0,5&hl=en&num=100"

1, "..., G Succi, MP Mintchev", "Tele-Electrogastrography", 0, "Digestive Diseases and Sciences, A", "inf.unibz.it", "", "http://scholar.google.com/scholar?cites=297194159019099848&as_sdt=2005&scioldt=0,5&hl=en&num=100"

1, "MP Mintchev...", "Magnetic levitation of intraluminal microelectronic capsule", 2006, "US Patent App. 11/330,044", "Google Patents", "http://www.google.com/patents?hl=en&lr=&vid=USPATAPP11330044&id=MjWYAAAAEBAJ&oi=fnd&dq=mintchev+edmonton,+OR+calgary,+OR+alberta&printsec=abstract", "http://scholar.google.com/scholar?cites=14107853352661566827&as_sdt=2005&scioldt=0,5&hl=en&num=100"

1, "..., S Kapil, D Man, M Mintchev...", "Application of the concurrent versions system (CVS) in the design and implementation of an embedded multichannel data acquisition and analysis system for ...", 2000, "International Journal of ...", "inf.unibz.it", "", "http://scholar.google.com/scholar?cites=5665018899920086454&as_sdt=2005&scioldt=0,5&hl=en&num=100"

1, "..., G Gattiker, K Kaler, M Mintchev", "Starting from Scratch: Creating an Information Technology Infrastructure for MEMS-Related Research and Development", 2003, "", "sci-gems.math.bas.bg", "http://sci-gems.math.bas.bg:8080/jspui/handle/10525/958", "http://scholar.google.com/scholar?cites=444893527780286276&as_sdt=2005&scioldt=0,5&hl=en&num=100"

1, "..., CNA OrlyYadid-Pecht, MP Mintchev", "DESIGN, IMPLEMENTATION, AND TESTING OF A MINIATURE SELF-STABILIZING CAPSULE ENDOSCOPE WITH WIRELESS IMAGE TRANSMISSION ...", 2011, "International Journal of ...", "foibg.com", "", "http://scholar.google.com/scholar?cites=314494790905016815&as_sdt=2005&scioldt=0,5&hl=en&num=100"

1, "MP Mintchev, MG Deneva, BI Aminkov...", "Pilot study of temporary controllable gastric pseudobezoars for dynamic non-invasive gastric volume reduction", 2010, "Physiological ...", "iopscience.iop.org", "http://iopscience.iop.org/0967-3334/31/2/001", "http://scholar.google.com/scholar?cites=3737420831758269228&as_sdt=2005&scioldt=0,5&hl=en&num=100"

0, "..., DC Sadowski, MP Mintchev", "Friction-Assisted Magnetic Holding of an Ingestible Capsule for Esophageal pH and Impedance Monitoring", 2006, "Engineering in Medicine ...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=4463161", "http://scholar.google.com/scholar?q=related:kcpjHGpS57MJ:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0, "..., E Neshev, G Muench, MP Mintchev...", "Comparative gastric motility study of Enterra™ Therapy and neural gastric electrical stimulation in an acute canine model", 2010, "...", "Wiley Online

Library", "http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2982.2010.01636.x/full", "http://scholar.google.com/scholar?q=related:GqKhvVX5UJcJ:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0, "M Mintchev, O Yadid-pecht...", "BEZOAR-FORMING UNITS FOR WEIGHT CONTROL", 2011, "EP Patent ...", "freepatentsonline.com", "http://www.freepatentsonline.com/EP2280670.html", "http://scholar.googleusercontent.com/scholar?q=cache:b1clvIHerosJ:scholar.google.com/+author:mintchev+edmonton,+OR+calgary,+OR+alberta&hl=en&num=100&as_sdt=0,5"

0, "M Mintchev, O Yadid-pecht...", "INGESTIBLE IMPLEMENT FOR WEIGHT CONTROL", 2008, "EP Patent ...", "freepatentsonline.com", "http://www.freepatentsonline.com/EP2004106.html", "http://scholar.googleusercontent.com/scholar?q=cache:j-8FEJ9dgfoJ:scholar.google.com/+author:mintchev+edmonton,+OR+calgary,+OR+alberta&hl=en&num=100&as_sdt=0,5"

0, "M Mintchev, O Yadid-pecht...", "DEVICE FOR DELIVERY OF A SUBSTANCE", 2009, "EP Patent ...", "freepatentsonline.com", "http://www.freepatentsonline.com/EP2121107.html", "http://scholar.googleusercontent.com/scholar?q=cache:h5MSJtCDzskJ:scholar.google.com/+author:mintchev+edmonton,+OR+calgary,+OR+alberta&hl=en&num=100&as_sdt=0,5"

0, "..., J Yip, PZ Rashev, G Succi, MP Mintchev", "A Product Line Analysis of Software-Controlled Gastrointestinal Stimulators", 2001, "... 29 August 2001, Calgary ...", "inf.unibz.it", "", "http://scholar.google.com/scholar?q=related:WRGhJplH00MJ:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0, "..., M Mintchev", "Manometry-Based Cough Identification Algorithm", 2007, "", "sci-gems.math.bas.bg", "http://sci-gems.math.bas.bg:8080/jspui/handle/10525/668", "http://scholar.google.com/scholar?q=related:dyNRMzoB-i8J:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0, "M Mintchev, O Yadid-pecht...", "DEVICE FOR DELIVERY OF A SUBSTANCE", 2007, "US Patent App. 20,100/ ...", "freepatentsonline.com", "http://www.freepatentsonline.com/y2010/0145316.html", "http://scholar.googleusercontent.com/scholar?q=cache:deSKNIlosaEsJ:scholar.google.com/+author:mintchev+edmonton,+OR+calgary,+OR+alberta&hl=en&num=100&as_sdt=0,5"

0, "M Mintchev, O Yadid-Pecht...", "DEVICE FOR DELIVERY OF A SUBSTANCE", 2007, "US Patent App. 12/ ...", "Google Patents", "http://www.google.com/patents?hl=en&lr=&vid=USPATAPP12517752&id=I4HVAAAAEBAJ&oi=fnd&dq=mintchev+edmonton,+OR+calgary,+OR+alberta&printsec=abstract", ""

0, "MP Mintchev, VI Kaler, S Karan...", "ESOPHAGEAL DIAGNOSTIC SENSOR", 2005, "US Patent App. ...", "freepatentsonline.com", "http://www.freepatentsonline.com/y2006/0116564.html", "http://scholar.googleusercontent.com/scholar?q=cache:iyVKRbn-

TtkJ:scholar.google.com/+author:mintchev+edmonton,+OR+calgary,+OR+alberta&hl=en&num=100&as_sdt=0,5"

0,"PZ Rachev, MP Mintchev...", "Three-dimensional computer modeling of stimulated propagating contractions in human colon using circumferential electrodes", 2000, "Gastroenterology", "Elsevier", "", ""

0,"MP Mintchev, KL Bowes", "Microprocessor based real-time functional control of internal organs- science fiction or reality?", 1998, "Systems, Man, and Cybernetics, ...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=726666", "http://direct.bl.uk/research/49/3C/RN055931549.html?source=googlescholar"

0,"...", J Cloutier, MP Mintchev", "Mathematical Model and Simulation of a Pneumatic Apparatus for In-Drilling Alignment of an Inertial Navigation Unit during Horizontal Well Drilling", 2008, "", "sci-gems.math.bas.bg", "http://sci-gems.math.bas.bg:8080/jspui/handle/10525/160", "http://scholar.google.com/scholar?q=related:_d-lhXYPwvMJ:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0,"M Mintchev, O Yadid-Pecht...", "BEZOAR-FORMING UNITS FOR WEIGHT CONTROL", 2009, "US Patent App. 12/ ...", "Google Patents", "http://www.google.com/patents?hl=en&lr=&vid=USPATAPP12936558&id=v_R5AQAAEBAJ&oi=fnd&dq=mintchev+edmonton,+OR+calgary,+OR+alberta&printsec=abstract", "http://scholar.google.com/scholar?cluster=6163272630428874602&hl=en&num=100&as_sdt=0,5"

0,"MP Mintchev...", "CONTROLLED DEGRADATION OF EXPANDABLE POLYMERS IN GASTRIC VOLUME REDUCTION TREATMENT", 2005, "US Patent App. 11/718,514", "Google Patents", "http://www.google.com/patents?hl=en&lr=&vid=USPATAPP11718514&id=wXyzAAAAEBAJ&oi=fnd&dq=mintchev+edmonton,+OR+calgary,+OR+alberta&printsec=abstract", ""

0,"PZ Rachev, MP Mintchev...", "Three-dimensional computer modeling of the human stomach for the purpose of microprocessor controlled functional stimulation", 2000, "Gastroenterology", "Elsevier", "", ""

0,"...", H Malm, M Mintchev", "Computer Model of Embedded System for Real-time Estimation of Gas Emissions for Stationary Internal Combustion Engines", 2000, "...", "American Society of Mechanical ...", "", "http://scholar.google.com/scholar?q=related:Qd_kzaK23q4J:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0,"C Sanmiguel, M Hagiike, M Mintchev...", "15 The effect of Lower Esophageal Sphincter (LES) electrical stimulation on LES pressure", 2006, "...", "Wiley Online Library", "http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2982.2006.00789_15.x/abstract", "http://discover-decouvrir.cisti-icist.nrc-cnrc.gc.ca/dcvr/ctrl?rfr_id=info:sid/scholar.google.ca&srv_dat=gs_saai&rft_dat=car:475139212&rft.issn=1350-1925&rft.volume=18&rft.issue=6&rft.date=2006&rft.spage=484&rft.jtitle=Neurogastroenterology%20a

nd%20Motility&rft.atitle=15The%20effect%20of%20Lower%20Esophageal%20Sphincter%20(LES)%20ele
ctrical%20stimulation%20on%20LES%20pressure&rft.aulast=Sanmiguel&rft.aufirst=Cp"

0, "..., AL Aulanier, MP Mintchev", "Feedback control of retrograde peristalsis using Neural Gastric
Electrical Stimulation", 2008, "Engineering in Medicine
...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=4649930", "http://schol
ar.google.com/scholar?q=related:VriP7cjHMdIJ:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0, "..., DT Westwick, MP Mintchev", "Knowledge Engineering", 2005, "Third International
...", "foibg.com", "", "http://scholar.google.com/scholar?q=related:xQ37Hh-
LXf4J:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0, "..., KVIS Kaler, MP Mintchev", "Microactuation of suspended MEMS beams", 2005, "Circuits and
Systems,
...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=1465197", "http://schol
ar.google.com/scholar?q=related:uFAi98q1dqJ:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0, "MP Mintchev...", "CONTROLLED DEGRADATION OF EXPANDABLE POLYMERS IN GASTRIC VOLUME
REDUCTION TREATMENT", 2005, "US Patent App. 20,090/
...", "freepatentsonline.com", "http://www.freepatentsonline.com/y2009/0035367.html", "http://scholar.
googleusercontent.com/scholar?q=cache:m4IY-
UTXLXMJ:scholar.google.com/+author:mintchev+edmonton,+OR+calgary,+OR+alberta&hl=en&num=10
0&as_sdt=0,5"

0, "MP Mintchev", "FEEDBACK CONTROLLED GASTRO-INTESTINAL STIMULATION", 2008, "US Patent App.
12/681,775", "Google
Patents", "http://www.google.com/patents?hl=en&lr=&vid=USPATAPP12681775&id=oHPWAAAAEBAJ&
oi=fnd&dq=mintchev+edmonton,+OR+calgary,+OR+alberta&printsec=abstract", "http://scholar.google.c
om/scholar?cluster=10140916183062293361&hl=en&num=100&as_sdt=0,5"

0, "..., M Mintchev", "On the Feasibility of Steering Swallowable Microsystem Capsules Using Computer-
Aided Magnetic Levitation", 2008, "", "sci-gems.math.bas.bg", "http://sci-
gems.math.bas.bg:8080/jspui/handle/10525/1102", "http://scholar.google.com/scholar?q=related:H4bc
KhQ8AqYJ:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0, "MP Mintchev...", "Magnetic levitation of intraluminal microelectronic capsule", 2006, "US Patent App.
20,060/152,309", "freepatentsonline.com", "http://www.freepatentsonline.com/y2006/0152309.html", "
http://scholar.googleusercontent.com/scholar?q=cache:TEpTMyzV6_IJ:scholar.google.com/+author:min
tchev+edmonton,+OR+calgary,+OR+alberta&hl=en&num=100&as_sdt=0,5"

0, "MP Mintchev", "GASTROINTESTINAL MOTILITY CONTROL", 2008, "US Patent App. 12/032,601", "Google
Patents", "http://www.google.com/patents?hl=en&lr=&vid=USPATAPP12032601&id=5y2tAAAAEBAJ&oi
=fnd&dq=mintchev+edmonton,+OR+calgary,+OR+alberta&printsec=abstract", "http://scholar.google.co
m/scholar?cluster=7045788326980542205&hl=en&num=100&as_sdt=0,5"

0, "..., H Tabler, D Irvine-Halliday, MP Mintchev", "Reduction of FOG Noise Level During Station Based Surveying of Highly Inclined and Horizontal Wells in the Oil Industry.", 0, "ion-alberta.org", "", "", "http://scholar.google.com/scholar?q=related:HrS3RC-RxNgJ:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0, "MP Mintchev...", "Gastrointestinal volume manipulation", 2006, "US Patent App. 20,060/212,086", "freepatentsonline.com", "http://www.freepatentsonline.com/y2006/0212086.html", "http://scholar.googleusercontent.com/scholar?q=cache:n0sqRXFIHWEJ:scholar.google.com/+author:mintchev+edmonton,+OR+calgary,+OR+alberta&hl=en&num=100&as_sdt=0,5"

0, "MP Mintchev, E Pecht, J Cloutier...", "In-drilling alignment", 2010, "US Patent 7,823,661", "Google Patents", "http://www.google.com/patents?hl=en&lr=&vid=USPAT7823661&id=qn7YAAAAEBAJ&oi=fnd&dq=mintchev+edmonton,+OR+calgary,+OR+alberta&printsec=abstract", "http://scholar.google.com/scholar?q=related:lbovRR7IT7IJ:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0, "..., MP Mintchev", "ON THE FEASIBILITY OF STEERING SWALLOWABLE MICROSYSTEM CAPSULES USING AIDED MAGNETIC LEVITATION", 2009, "INFORMATION TECHNOLOGIES & KNOWLEDGE", "foibg.com", "", "http://scholar.google.com/scholar?q=related:D4IDSe9Qo6QJ:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0, "..., CN Andrews, MP Mintchev", "Design, implementation and testing of an implantable impedance-based feedback-controlled neural gastric stimulator", 2011, "Physiological ...", "iopscience.iop.org", "http://iopscience.iop.org/0967-3334/32/8/007", "http://scholar.google.com/scholar?q=related:63WUYQVp7VkJ:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0, "CN Andrews, P Mintchev, E Neshev...", "Percutaneous endoscopically assisted transenteric full-thickness gastric biopsy: initial experience in humans", 2011, "Gastrointestinal ...", "Elsevier", "http://www.sciencedirect.com/science/article/pii/S0016510710025125", "http://scholar.google.com/scholar?q=related:VnxPb00HzHQJ:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0, "..., MP Mintchev", "MODELING OF TRANSCUTANEOUS ENERGY TRANSFER SYSTEM FOR AN IMPLANTABLE GASTROINTESTINAL STIMULATION DEVICE", 1993, "INFORMATION THEORIES & APPLICATIONS", "foibg.com", "", "http://scholar.google.com/scholar?q=related:En4fgW_TnEEJ:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0, "MP Mintchev...", "Gastrointestinal volume manipulation", 2006, "US Patent App. 11/378,676", "Google Patents", "http://www.google.com/patents?hl=en&lr=&vid=USPATAPP11378676&id=2baZAAAAEBAJ&oi=fnd&dq=mintchev+edmonton,+OR+calgary,+OR+alberta&printsec=abstract", ""

0, "..., K Kaler, M Fattouche, MP Mintchev", "WIRELESS COMMUNICATION AND CONTROL SYSTEM FOR PORTABLE MICRO-ELECTROMECHANICAL DEVICE FOR REAL-TIME BLOOD SAMPLING ...", 2009, "INFORMATION

...", "foibg.com", "", "http://scholar.google.com/scholar?q=related:pDChnztSr4UJ:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0, "..., RJ de Sobral Cintra, DT Westwick, M Mintchev", "Classification of Biomedical Signals using the Dynamics of the False Nearest Neighbours (DFNN) Algorithm", 2005, "", "sci-gems.math.bas.bg", "http://sci-gems.math.bas.bg:8080/jspui/handle/10525/779", "http://scholar.google.com/scholar?q=related:w2H4oVgXxjMJ:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0, "M Mintchev", "Sampling Theorem and Aliasing in Biomedical Signal Processing", 0, "Wiley Encyclopedia of Biomedical Engineering", "Wiley Online Library", "http://onlinelibrary.wiley.com/doi/10.1002/9780471740360.ebs0036/full", "http://scholar.google.com/scholar?q=related:MJTKouYy_ZcJ:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0, "MP Mintchev, YJ Kingma...", "Use Of Autocorrelation To Improve The Three Dimensional Plot Of Transcutaneous Human electrogastrograms", 0, "Engineering in Medicine and ...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=684045", ""

0, "MP Mintchev", "Gastrointestinal motility control", 2010, "US Patent 7,720,539", "Google Patents", "http://www.google.com/patents?hl=en&lr=&vid=USPAT7720539&id=S33QAAAAEBAJ&oi=fnd&dq=mintchev+edmonton,+OR+calgary,+OR+alberta&printsec=abstract", "http://scholar.google.com/scholar?q=related:dxsL3bzRkYMJ:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0, "..., MP Mintchev", "Inertial navigation method and apparatus for wireless bolus transit monitoring in gastrointestinal tract", 2005, "US Patent App. 11/304,365", "Google Patents", "http://www.google.com/patents?hl=en&lr=&vid=USPATAPP11304365&id=wtuYAAAAEBAJ&oi=fnd&dq=mintchev+edmonton,+OR+calgary,+OR+alberta&printsec=abstract", "http://scholar.google.com/scholar?cluster=18162387822330010211&hl=en&num=100&as_sdt=0,5"

0, "..., D Irvine-Halliday, H Tabler, MP Mintchev", "Improving wellbore surveying accuracy of horizontal wells by utilizing a dual-axis optical gyro system", 2004, "Survey ...", "ingentaconnect.com", "http://www.ingentaconnect.com/content/maney/sre/2004/00000037/00000292/art00004", "http://scholar.google.com/scholar?q=related:M9iiXLZI-PMJ:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0, "..., T Herb, IH Dave, MP Mintchev", "Quantitative Study of the Applicability of Fiber-Optic Gyroscopes for MWD Borehole Surveying", 2000, "SPE Journal", "onepetro.org", "http://www.onepetro.org/mslib/servlet/onepetropreview?id=00058957&soc=SPE", "http://scholar.google.com/scholar?q=related:Y1bwVOIYLK8J:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0, "MP Mintchev", "Gastrointestinal motility control", 2004, "US Patent App. 20,050/137,643", "freepatentsonline.com", "http://www.freepatentsonline.com/y2005/0137643.html", "

http://scholar.googleusercontent.com/scholar?q=cache:twv3H097IbEJ:scholar.google.com/+author:mintchev+edmonton,+OR+calgary,+OR+alberta&hl=en&num=100&as_sdt=0,5

0,"MP Mintchev","Method and apparatus for controlling motility of gastrointestinal organs for the treatment of obesity",2006,"US Patent App. 20,070/078,494","freepatentsonline.com","http://www.freepatentsonline.com/y2007/0078494.html","http://scholar.googleusercontent.com/scholar?q=cache:F4hAMdbDRyUJ:scholar.google.com/+author:mintchev+edmonton,+OR+calgary,+OR+alberta&hl=en&num=100&as_sdt=0,5"

0,"MP Mintchev","Method and apparatus for controlling motility of gastrointestinal organs for the treatment of obesity",2006,"US Patent App. 11/355,455","Google Patents","http://www.google.com/patents?hl=en&lr=&vid=USPATAPP11355455&id=vzuXAAAAEBAJ&oi=fnd&dq=mintchev+edmonton,+OR+calgary,+OR+alberta&printsec=abstract", ""

0,"MP Mintchev, KVIS Kaler...","ESOPHAGEAL DIAGNOSTIC SENSOR",2005,"US Patent App. 11/...","Google Patents","http://www.google.com/patents?hl=en&lr=&vid=USPATAPP11163342&id=5mucAAAAEBAJ&oi=fnd&dq=mintchev+edmonton,+OR+calgary,+OR+alberta&printsec=abstract", ""

0,"MP Mintchev...","Self-stabilizing encapsulated imaging system",2006,"US Patent App. 20,060/...","freepatentsonline.com","http://www.freepatentsonline.com/y2006/0178557.html","http://scholar.googleusercontent.com/scholar?q=cache:nhdpyZTDXoMJ:scholar.google.com/+author:mintchev+edmonton,+OR+calgary,+OR+alberta&hl=en&num=100&as_sdt=0,5"

0,"MP Mintchev","Ingestible capsule for esophageal monitoring",2006,"US Patent App. 11/378,566","Google Patents","http://www.google.com/patents?hl=en&lr=&vid=USPATAPP11378566&id=FO2YAAAAEBAJ&oi=fnd&dq=mintchev+edmonton,+OR+calgary,+OR+alberta&printsec=abstract", ""

0,"MP Mintchev","Ingestible capsule for esophageal monitoring",2006,"US Patent App. 20,060/231,110","freepatentsonline.com","http://www.freepatentsonline.com/y2006/0231110.html","http://scholar.googleusercontent.com/scholar?q=cache:jN3t6HuXVIAJ:scholar.google.com/+author:mintchev+edmonton,+OR+calgary,+OR+alberta&hl=en&num=100&as_sdt=0,5"

0,"...", G Gattiker, MP Mintchev","Fluid sampling, analysis and delivery system",2004,"US Patent App. 11/003,027","Google Patents","http://www.google.com/patents?hl=en&lr=&vid=USPATAPP11003027&id=tf2WAAAAEBAJ&oi=fnd&dq=mintchev+edmonton,+OR+calgary,+OR+alberta&printsec=abstract", ""

0,"...", G Gattiker, MP Mintchev","Fluid sampling, analysis and delivery system",2004,"US Patent App. 20,050...","freepatentsonline.com","http://www.freepatentsonline.com/y2005/0228313.html","http://scholar.google.com/scholar?q=related:PabIEypZKhsJ:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0, "M Mintchev, O Yadid-Pecht...", "INGESTIBLE IMPLEMENT FOR WEIGHT CONTROL", 2007, "US Patent App. 12/ ...", "Google Patents", "<http://www.google.com/patents?hl=en&lr=&vid=USPATAPP12294659&id=aluAAAAEBAJ&oi=fnd&dq=mintchev+edmonton,+OR+calgary,+OR+alberta&printsec=abstract>", ""

0, "M Mintchev, O Yadid-pecht...", "INGESTIBLE IMPLEMENT FOR WEIGHT CONTROL", 2010, "US Patent App. 20,100/ ...", "[freepatentsonline.com](http://www.freepatentsonline.com)", "<http://www.freepatentsonline.com/y2010/0215732.html>", "http://scholar.googleusercontent.com/scholar?q=cache:daKXNau4yGoJ:scholar.google.com/+author:mintchev+edmonton,+OR+calgary,+OR+alberta&hl=en&num=100&as_sdt=0,5"

0, "..., M Mintchev", "Diamagnetically stabilized levitation control of an intraluminal magnetic capsule", 2009, "Physiological Measurement", "iopscience.iop.org", "<http://iopscience.iop.org/0967-3334/30/8/003>", "http://scholar.google.com/scholar?q=related:eeu1JyunzwsJ:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0, "..., DC Sadowski, MP Mintchev", "Pilot study of longitudinal ultrasonic sensor for dynamic volumetric assessment of gastroesophageal reflux", 2010, "Engineering in Medicine ...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=5627843", "http://scholar.google.com/scholar?q=related:qYICVIFSHTAJ:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0, "..., KVIS Kaler, MP Mintchev", "Multichannel pressure, bolus transit, and pH esophageal catheter", 2006, "Sensors Journal, ...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=1634432", "http://scholar.google.com/scholar?q=related:PbREcaBxmLQJ:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0, "..., MP Mintchev", "Modeling of Observability During In-Drilling Alignment for Horizontal Directional Drilling", 2007, "Instrumentation and Measurement, ...", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=4303434", "http://scholar.google.com/scholar?q=related:4tqITZ2_nAkJ:scholar.google.com/&hl=en&num=100&as_sdt=0,5"

0, "..., J Cloutier, E Pecht, MP Mintchev", "Experimental Feasibility of the In-Drilling Alignment Method for Inertial Navigation in Measurement-While-Drilling", 2011, "... , IEEE Transactions on", "ieeexplore.ieee.org", "http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=5559446", "http://scholar.google.com/scholar?q=related:FfgRRQhG_dUJ:scholar.google.com/&hl=en&num=100&as_sdt=0,5"