

Dezhong Yao In English

Basic Information

1. Male, Born in Chongqing, China
2. PhD (1991, Chengdu University of Technology, China)
3. PhD (2005, Aalborg University, Denmark)
4. Full Professor (1995-); Changjiang Scholar Professor (2006).
5. Director of the Key Lab for NeuroInformation, Ministry of Education (MOE) of China(2009-) (www.neuro.uestc.edu.cn)
6. Director of the Int Joint Research Center for NeuroInformation, Ministry of Science and Technology (MOST) (2013-)
7. Director of the Innovative Talent introduction Base for Neuroinformation (111 project), State Bureau of Foreign Affairs (SBFA) (2013-)
8. Dean of the School of Life Science and Technology, University of Electronic Science and Technology of China (UESTC) (2001.11-2017.12)
9. Director for Information in Medicine, UESTC (<http://www.cim.uestc.edu.cn/>) (2014.7-)
10. Dean of the Sichuan Institute for Brain Science and Brain-Inspired Intelligence (SCIBrain) (www.scibrain.org) (2018.12-)

Services for International journals (Editors):

1. Brain Topography (Editorial Board Member, 2018-)
2. IEEE Trans NSRE (Associate Editor, 2018-)
3. Physiol Measurement (Advisory board Member, 2018-)
4. Plos One (Academic Editor, 2015-2018)
5. Frontiers in Computational Neuroscience (Associate Editor, 2018-)
6. Frontiers in Neuroscience (Review editor, brain imaging methods, 2015-)
7. Physics in Medicine and Biology (Advisory Board Member, 2002-2006)

Services for Domestic/International Scientific Societies:

1. Vice-Chairman of the Chinese Society of Biomedical Engineering(2015-)
2. Member of the council of the Chinese Society of Cognitive Science(2013-)
3. Chairman of the council of the Sichuan Society of Cognitive Science(2015-)
4. Board Member of the International Society for Brain Electromagnetic Topography(ISBET) (<http://www.isbet.info/index.php/executive-board>)

5. International Scientific Committee of the 19th WORLD CONGRESS OF PSYCHOPHYSIOLOGY Lucca | Italy September 4 - 8 | 2018
(<https://iopworld.wildapricot.org/iop18-committees>)
6. Chairman of the 20th WORLD CONGRESS OF PSYCHOPHYSIOLOGY (2020, chengdu)

Main interests:

1. Brainformatics, such as EEG/fMRI data and network analysis
2. Brain-Apparatus Conversation (Bacomics) (music-brain/brain-computer/brain-video game/brain-body)
3. Big neurodata mining
4. neurocomputation and Brain inspired AI

Publications:

1. More than 200 international peers reviewed papers published with citations>7600 and h index=44 (Google)
<http://scholar.google.com/citations?hl=en&user=CIUoWqsAAAAJ>
2. https://www.researchgate.net/profile/Dezhong_Yao

Honors and Awards:

1. Electroencephalography and Clinical Neuroscience Society, Roy John **Award** "for his impressive and influential contributions to electrophysiology Research" (<http://www.ecnsweb.org/awards.htm>, 2018)
2. Fellow of the American Institute of Medical and Biological Engineering (AIMBE) ("for outstanding contributions to biophysical and mathematical models of the EEG and fMRI and educational infrastructure development",2017) (<https://aimbe.org/college-of-fellows/cof-2220/>)
3. Listed in the Elsevier "Most Cited Chinese Researchers" from 2014 to 2018
4. National Excellent Teachers of MOE (2010)
5. First class Natural Science Award (Ministry of Education(MOE), 2010)
6. Outstanding Youth Fund Winner of NSFC (2005)
7. Changjiang Scholar Professor of MOE (2006).

Main contributions:

1. EEG zero reference (REST), recommended by the IFCN guideline for EEG(2018) (www.neuro.uestc.edu.cn/rest); and "Best Practices in Data Analysis & Sharing in Neuroimaging using MEEG" of OHBM (<https://cobidasmeeg.wordpress.com/>)
2. Scale-free music of Brain (<http://www.neuro.uestc.edu.cn/brainmusic.html>);
3. Information fusion of simultaneous EEG-fMRI(<http://www.neuro.uestc.edu.cn/NIT.html>).
4. China-Cuba-Canada(CCC)-axis <http://www.neuro.uestc.edu.cn/CCCaxis.html> , Int cooperation on brain aging based cloud platform (Webrain and Cbrain) <http://webrain.uestc.edu.cn>

Details on Web/网站信息

Personal information/个人信息:

http://faculty.uestc.edu.cn/yaodezhong/zh_CN/index.htm

<http://www.neuro.uestc.edu.cn/bci/member/yao/yao.html>

Publications/论文信息:

<http://scholar.google.com/citations?hl=en&user=CIUoWqsAAAAJ>

google citations >7600, h-index 44

https://www.researchgate.net/profile/Dezhong_Yao

RG scores 45.19

百度学术:

<http://xueshu.baidu.com/scholarID/CN-BI75A0PJ>

Team information/团队信息(Neuroengineering and Neurodata/神经数据与神经工程团队) :

<http://www.neuro.uestc.edu.cn/neuro/html/introduction/bcimembers.html>

WeBBrain Platform/ International cloud based brainformatics platform for data,tools and computation together (centered on electrophysiological information of the brain)

(基于云技术的国际神经信息(以电生理信息为核心)数据、方法和计算平台)

<http://webrain.uestc.edu.cn>

EEG zero reference/脑电零参考技术(REST):

<http://www.neuro.uestc.edu.cn/rest/>

Brainwave music/脑波音乐技术:

<http://www.neuro.uestc.edu.cn/brainmusic.html>

Simultaneous EEG-fMRI/同步脑电磁共振技术:

<http://www.neuro.uestc.edu.cn/NIT.html>

Postdoctoral Recruitment/博士后招聘信息:

http://www.neuro.uestc.edu.cn/neuro/html/team/NEND_Postdoc.html

中文信息

尧德中

男，生于重庆南川

博士 1 (1991, 成都理工大学, 地震勘探-弹性波成像)

博士 2 (2005, 丹麦 Aalborg 大学, 脑电-等效源成像)

教授 (1995-)

长江特聘教授 (2006-)

神经信息教育部重点实验室 (www.neuro.uestc.edu.cn) 主任(2009-)

神经信息科技部国际联合研究中心主任(2013-)

神经信息创新引智基地负责人 (2013-)

电子科技大学信息医学中心主任(2013-) (www.cim.uestc.edu.cn)

四川省脑科学与类脑智能研究院 院长 (2018.12-)
(www.scibrain.org)

电子科技大学生命科学与技术学院院长 (2001.11-
2017.12) (www.life.uestc.edu.cn)

研究方向:

从事脑信息科学方法与应用研究,包括脑影像数据处理、脑网络、脑器对话(Bacomics)、脑启发智能技术、神经数据挖掘等。

论文发表:

发表 SCI 论文 200 余篇, Google 引用 7500 余次, h 指数 44

国际期刊编委:

6 家国际专业期刊编委 (参考上面 “Services for International journals “)

主要国内/学会任职:

1. 中国生物医学工程学会副理事长 (2015-)
2. 中国认知科学学会理事 (2013-)
3. 四川省认知科学学会理事长 (2015-)
4. 国际脑电磁图学会(ISBET) 执委会成员 (2015-)
5. 第 20 届国际生理心理学会大会主席 (2020, 成都)

主要获奖或荣誉:

1. 国际脑电图与临床神经科学学会 Roy John Award (2018) (<http://www.ecnsweb.org/awards.htm>), “以表彰他在电生理方面令人印象深刻和富有影响的研究”
2. AIMBE (美国医学生物工程院) Fellow (2017," 在脑电和磁共振的生物物理和数学模型方面的杰出贡献, 以及人才培养方面的成就" (<https://aimbe.org/college-of-fellows/cof-2220/>))
3. 教育部自然科学一等奖 (排 1, 2010)
4. 国家杰出青年基金 (2005)
5. 长江学者 (2006)
6. 全国优秀教师 (2010)
7. Elsevier 2014/2015/2016/2017/2018/年“中国高被引学者”
8. 新世纪百千万人才工程(2006)
9. 四川省“天府杰出科学家”(2018)

主要贡献:

1. 脑电零参考技术 (REST), 写入国际电生理联盟 (IFCN) guideline (<http://www.neuro.uestc.edu.cn/rest/>) 和 OHBM 脑电处理白皮书 (<https://cobidasmeeg.wordpress.com/>);
2. 无标度脑波音乐技术 (<http://www.neuro.uestc.edu.cn/brainmusic.html>);
3. 同步脑电磁共振技术 (<http://www.neuro.uestc.edu.cn/NIT.html>)
4. 推动 中-加-古(CCC) (<http://www.neuro.uestc.edu.cn/CCCaxis.html>) 三方基于云平台的脑信息分析与脑老化研究, 研发云脑平台 Webbrain <http://webrain.uestc.edu.cn>