

# Erwin Fuhrer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4941104/publications.pdf>

Version: 2024-02-01

10  
papers

209  
citations

1478505

6  
h-index

1588992

8  
g-index

11  
all docs

11  
docs citations

11  
times ranked

335  
citing authors

#	ARTICLE	IF	CITATIONS
1	Should patients with brain implants undergo MRI?. Journal of Neural Engineering, 2018, 15, 041002.	3.5	78
2	Parahydrogen based NMR hyperpolarisation goes micro: an alveolus for small molecule chemosensing. Lab on A Chip, 2019, 19, 503-512.	6.0	36
3	Carbon-based neural electrodes: promises and challenges. Journal of Neural Engineering, 2021, 18, 041007.	3.5	29
4	3D Carbon Scaffolds for Neural Stem Cell Culture and Magnetic Resonance Imaging. Advanced Healthcare Materials, 2018, 7, 1700915.	7.6	19
5	Glassy carbon microelectrodes minimize induced voltages, mechanical vibrations, and artifacts in magnetic resonance imaging. Microsystems and Nanoengineering, 2019, 5, 61.	7.0	19
6	Polysaccharide-Based Theranostic Systems for Combined Imaging and Cancer Therapy: Recent Advances and Challenges. ACS Biomaterials Science and Engineering, 2022, 8, 2281-2306.	5.2	17
7	Gradient-Induced Mechanical Vibration of Neural Interfaces During MRI. IEEE Transactions on Biomedical Engineering, 2020, 67, 915-923.	4.2	5
8	Automatic Adaptive Gain for Magnetic Resonance Sensitivity Enhancement. Analytical Chemistry, 2019, 91, 2376-2383.	6.5	4
9	Optical gauge head to evaluate gradient field induced vibrations of conductive structures during MRI. , 2017, , .		2
10	Motion prediction enables simulated MR-imaging of freely moving model organisms. PLoS Computational Biology, 2019, 15, e1006997.	3.2	0