

# Shawn Wagner

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1581400/publications.pdf>

Version: 2024-02-01

20  
papers

966  
citations

516710

16  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1402  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intraoperative assessment and postsurgical treatment of prostate cancer tumors using tumor-targeted nanoprobes. <i>Nanotheranostics</i> , 2021, 5, 57-72.	5.2	1
2	Electrocardiogram-less, free-breathing myocardial extracellular volume fraction mapping in small animals at high heart rates using motion-resolved cardiovascular magnetic resonance multitasking: a feasibility study in a heart failure with preserved ejection fraction rat model. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 8.	3.3	8
3	&lt;p&gt;Single- and Multi-Arm Gadolinium MRI Contrast Agents for Targeted Imaging of Glioblastoma&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 3057-3070.	6.7	15
4	Near Infrared Fluorescent Nanoplatform for Targeted Intraoperative Resection and Chemotherapeutic Treatment of Glioblastoma. <i>ACS Nano</i> , 2020, 14, 8392-8408.	14.6	49
5	In Vivo Imaging of Exogenous Progenitor Cells in Tendon Regeneration via Superparamagnetic Iron Oxide Particles. <i>American Journal of Sports Medicine</i> , 2019, 47, 2737-2744.	4.2	10
6	Hyperpolarization of Amino Acids in Water Utilizing Parahydrogen on a Rhodium Nanocatalyst. <i>Chemistry - A European Journal</i> , 2019, 25, 11031-11035.	3.3	32
7	Blockade of a Laminin-411â€“Notch Axis with CRISPR/Cas9 or a Nanobioconjugate Inhibits Glioblastoma Growth through Tumor-Microenvironment Cross-talk. <i>Cancer Research</i> , 2019, 79, 1239-1251.	0.9	61
8	Parahydrogenâ€“Based Hyperpolarization for Biomedicine. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11140-11162.	13.8	251
9	More Than 12â€“% Polarization and 20â€“..Minute Lifetime of <sup>15</sup> N in a Choline Derivative Utilizing Parahydrogen and a Rhodium Nanocatalyst in Water. <i>Angewandte Chemie</i> , 2018, 130, 10852-10856.	2.0	19
10	Parawasserstoffâ€“basierte Hyperpolarisierung fÃ¼r die Biomedizin. <i>Angewandte Chemie</i> , 2018, 130, 11310-11333.	2.0	54
11	More Than 12â€“% Polarization and 20â€“..Minute Lifetime of <sup>15</sup> N in a Choline Derivative Utilizing Parahydrogen and a Rhodium Nanocatalyst in Water. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10692-10696.	13.8	36
12	Stromal epigenetic alterations drive metabolic and neuroendocrine prostate cancer reprogramming. <i>Journal of Clinical Investigation</i> , 2018, 128, 4472-4484.	8.2	105
13	Aqueous Ligand-Stabilized Palladium Nanoparticle Catalysts for Parahydrogen-Induced <sup>13</sup> C Hyperpolarization. <i>Analytical Chemistry</i> , 2017, 89, 7190-7194.	6.5	22
14	Role of Interleukin-1 Signaling in a Mouse Model of Kawasaki Diseaseâ€“Associated Abdominal Aortic Aneurysm. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 886-897.	2.4	85
15	Curcumin Targeted, Polymalic Acid-Based MRI Contrast Agent for the Detection of AÎ² Plaques in Alzheimer's Disease. <i>Macromolecular Bioscience</i> , 2015, 15, 1212-1217.	4.1	38
16	A Nanoparticle Catalyst for Heterogeneous Phase Paraâ€“Hydrogenâ€“Induced Polarization in Water. <i>Angewandte Chemie</i> , 2015, 127, 2482-2486.	2.0	24
17	MRI Virtual Biopsy and Treatment of Brain Metastatic Tumors with Targeted Nanobioconjugates: Nanoclinic in the Brain. <i>ACS Nano</i> , 2015, 9, 5594-5608.	14.6	78
18	A corrole nanobiologic elicits tissue-activated MRI contrast enhancement and tumor-targeted toxicity. <i>Journal of Controlled Release</i> , 2015, 217, 92-101.	9.9	28

#	ARTICLE	IF	CITATIONS
19	LabVIEW-based control software for para-hydrogen induced polarization instrumentation. Review of Scientific Instruments, 2014, 85, 044705.	1.3	18
20	Conversion rate of para-hydrogen to ortho-hydrogen by oxygen: implications for PHIP gas storage and utilization. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2014, 27, 195-199.	2.0	32