

# 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	Parahydrogen-Based Hyperpolarization for Biomedicine. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11140-11162.	13.8	251
2	Stromal epigenetic alterations drive metabolic and neuroendocrine prostate cancer reprogramming. <i>Journal of Clinical Investigation</i> , 2018, 128, 4472-4484.	8.2	105
3	Role of Interleukin-1 Signaling in a Mouse Model of Kawasaki Disease-Associated Abdominal Aortic Aneurysm. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 886-897.	2.4	85
4	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
5	Blockade of a Laminin-411-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
6	Parawasserstoff-basierte Hyperpolarisierung für die Biomedizin. <i>Angewandte Chemie</i> , 2018, 130, 11310-11333.	2.0	54
7	Near Infrared Fluorescent Nanoplatform for Targeted Intraoperative Resection and Chemotherapeutic Treatment of Glioblastoma. <i>ACS Nano</i> , 2020, 14, 8392-8408.	14.6	49
8	Curcumin Targeted, Polymalic Acid-Based MRI Contrast Agent for the Detection of A $\beta$ Plaques in Alzheimer's Disease. <i>Macromolecular Bioscience</i> , 2015, 15, 1212-1217.	4.1	38
9	More Than 12% Polarization and 20-...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
10	Conversion rate of para-hydrogen to ortho-hydrogen by oxygen: implications for PHIP gas storage and utilization. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2014, 27, 195-199.	2.0	32
11	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
12	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
13	A Nanoparticle Catalyst for Heterogeneous Phase Para-Hydrogen-Induced Polarization in Water. <i>Angewandte Chemie</i> , 2015, 127, 2482-2486.	2.0	24
14	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
15	More Than 12% Polarization and 20-...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
16	LabVIEW-based control software for para-hydrogen induced polarization instrumentation. <i>Review of Scientific Instruments</i> , 2014, 85, 044705.	1.3	18
17	&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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Intraoperative assessment and postsurgical treatment of prostate cancer tumors using tumor-targeted nanoprobe. <i>Nanotheranostics</i> , 2021, 5, 57-72.	5.2	1