

# Artem Lebedev

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/175490/publications.pdf>

Version: 2024-02-01

23  
papers

1,627  
citations

516710  
16  
h-index

713466  
21  
g-index

23  
all docs

23  
docs citations

23  
times ranked

2510  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Clinical Importance of Assessing Tumor Hypoxia: Relationship of Tumor Hypoxia to Prognosis and Therapeutic Opportunities. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 1516-1554.	5.4	323
2	Oxygen Microscopy by Two-Photon-Excited Phosphorescence. <i>ChemPhysChem</i> , 2008, 9, 1673-1679.	2.1	238
3	Dendritic Phosphorescent Probes for Oxygen Imaging in Biological Systems. <i>ACS Applied Materials &amp; Interfaces</i> , 2009, 1, 1292-1304.	8.0	194
4	Palladium-Catalyzed Stereocontrolled Vinylation of Azoles and Phenothiazine. <i>Organic Letters</i> , 2002, 4, 623-626.	4.6	128
5	Effects of Structural Deformations on Optical Properties of Tetrabenzoporphyrins: Free-Bases and Pd Complexes. <i>Journal of Physical Chemistry A</i> , 2008, 112, 7723-7733.	2.5	104
6	Synthesis of 1-Aryl-1H-indazoles via Palladium-Catalyzed Intramolecular Amination of Aryl Halides. <i>Journal of Organic Chemistry</i> , 2005, 70, 596-602.	3.2	102
7	Î€-Extended Dipyrins Capable of Highly Fluorogenic Complexation with Metal Ions. <i>Journal of the American Chemical Society</i> , 2010, 132, 9552-9554.	13.7	88
8	Batch-reactor microfluidic device: first human use of a microfluidically produced PET radiotracer. <i>Lab on A Chip</i> , 2013, 13, 136-145.	6.0	65
9	Synthesis of 5,15-Diaryltetrabenzoporphyrins. <i>Journal of Organic Chemistry</i> , 2008, 73, 4175-4185.	3.2	59
10	Design of metalloporphyrin-based dendritic nanoprobe for two-photon microscopy of oxygen. <i>Journal of Porphyrins and Phthalocyanines</i> , 2008, 12, 1261-1269.	0.8	59
11	Palladium-Catalyzed Pathways to Aryl-Substituted Indenes: An Efficient Synthesis of Ligands and the Respectiveansa-Zirconocenes. <i>Organometallics</i> , 2006, 25, 1217-1229.	2.3	43
12	Clickable bifunctional radiometal chelates for peptide labeling. <i>Chemical Communications</i> , 2010, 46, 1706.	4.1	43
13	Evaluation of phototoxicity of dendritic porphyrin-based phosphorescent oxygen probes: an in vitro study. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1056-1065.	2.9	37
14	Inverse 1,2,3-Triazole-1-yl-ethyl Substituted Hydroxamates as Highly Potent Matrix Metalloproteinase Inhibitors: (Radio)synthesis, in Vitro and First in Vivo Evaluation. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 6858-6870.	6.4	34
15	Radiochemistry on electrodes: Synthesis of an 18F-labelled and in vivo stable COX-2 inhibitor. <i>PLoS ONE</i> , 2017, 12, e0176606.	2.5	24
16	Microfluidic single vessel production of hypoxia tracer 1H-1-(3-[18F]-fluoro-2-hydroxy-propyl)-2-nitro-imidazole ([18F]-FMISO). <i>Applied Radiation and Isotopes</i> , 2012, 70, 2313-2316.	1.5	19
17	1H and 13C NMR Studies of Cationic Intermediates Formed upon Activation of an Oscillating-Catalyst (2-PhInd)2ZrCl2 with MAO, MMAO, and AlMe3/[CPh3]+[B(C6F5)4]-. <i>Organometallics</i> , 2007, 26, 1536-1540.	2.3	16
18	Group 4 Metallocenes Bearing 1,2-(N-Azoly)indenyl Ligands: Synthesis, Structure Characterization, and Olefin Polymerization Catalysis. <i>Organometallics</i> , 2009, 28, 1800-1816.	2.3	14

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19	Measuring Oxygen in Living Tissue: Intravascular, Interstitial, and "Tissue" Oxygen Measurements. Advances in Experimental Medicine and Biology, 2011, 701, 53-59.	1.6	12
20	An automated synthesizer for electrochemical <sup>18</sup> F-fluorination of organic compounds. Applied Radiation and Isotopes, 2017, 127, 245-252.	1.5	12
21	Radiolabeled hydroxamate-based matrix metalloproteinase inhibitors: How chemical modifications affect pharmacokinetics and metabolic stability. Nuclear Medicine and Biology, 2016, 43, 424-437.	0.6	9
22	Microfluidic devices for radio chemical synthesis. , 2013, , 594-633.		3
23	Electrochemical no-carrier-added radiofluorination of thioethers. Journal of Fluorine Chemistry, 2022, 257-258, 109988.	1.7	1