

# Artem Lebedev

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

1,627  
citations

516561

16  
h-index

713332

21  
g-index

23  
all docs

23  
docs citations

23  
times ranked

2510  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical no-carrier-added radiofluorination of thioethers. <i>Journal of Fluorine Chemistry</i> , 2022, 257-258, 109988.	0.9	1
2	An automated synthesizer for electrochemical 18F-fluorination of organic compounds. <i>Applied Radiation and Isotopes</i> , 2017, 127, 245-252.	0.7	12
3	Radiochemistry on electrodes: Synthesis of an 18F-labelled and in vivo stable COX-2 inhibitor. <i>PLoS ONE</i> , 2017, 12, e0176606.	1.1	24
4	Radiolabeled hydroxamate-based matrix metalloproteinase inhibitors: How chemical modifications affect pharmacokinetics and metabolic stability. <i>Nuclear Medicine and Biology</i> , 2016, 43, 424-437.	0.3	9
5	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.	2.5	323
6	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.	2.9	34
7	Batch-reactor microfluidic device: first human use of a microfluidically produced PET radiotracer. <i>Lab on A Chip</i> , 2013, 13, 136-145.	3.1	65
8	Microfluidic devices for radio chemical synthesis. , 2013, , 594-633.		3
9	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.	0.7	19
10	Evaluation of phototoxicity of dendritic porphyrin-based phosphorescent oxygen probes: an in vitro study. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1056-1065.	1.6	37
11	Measuring Oxygen in Living Tissue: Intravascular, Interstitial, and $\alpha$ Tissue $\beta$ Oxygen Measurements. <i>Advances in Experimental Medicine and Biology</i> , 2011, 701, 53-59.	0.8	12
12	$\beta$ -Extended Dipyrins Capable of Highly Fluorogenic Complexation with Metal Ions. <i>Journal of the American Chemical Society</i> , 2010, 132, 9552-9554.	6.6	88
13	Clickable bifunctional radiometal chelates for peptide labeling. <i>Chemical Communications</i> , 2010, 46, 1706.	2.2	43
14	Group 4 Metallocenes Bearing $\beta$ -2-( <i>N</i> -Azoly)indenyl Ligands: Synthesis, Structure Characterization, and Olefin Polymerization Catalysis. <i>Organometallics</i> , 2009, 28, 1800-1816.	1.1	14
15	Dendritic Phosphorescent Probes for Oxygen Imaging in Biological Systems. <i>ACS Applied Materials &amp; Interfaces</i> , 2009, 1, 1292-1304.	4.0	194
16	Oxygen Microscopy by Two $\beta$ Photon $\beta$ Excited Phosphorescence. <i>ChemPhysChem</i> , 2008, 9, 1673-1679.	1.0	238
17	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.	1.1	104
18	Synthesis of 5,15-Diaryltetrabenzoporphyrins. <i>Journal of Organic Chemistry</i> , 2008, 73, 4175-4185.	1.7	59

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19	Design of metalloporphyrin-based dendritic nanoprobe for two-photon microscopy of oxygen. <i>Journal of Porphyrins and Phthalocyanines</i> , 2008, 12, 1261-1269.	0.4	59
20	<sup>1</sup> H and <sup>13</sup> C NMR Studies of Cationic Intermediates Formed upon Activation of an Oscillating Catalyst (2-PhInd) <sub>2</sub> ZrCl <sub>2</sub> with MAO, MMAO, and AlMe <sub>3</sub> /[CPh <sub>3</sub> ] <sup>+</sup> [B(C <sub>6</sub> F <sub>5</sub> ) <sub>4</sub> ] <sup>-</sup> . <i>Organometallics</i> , 2007, 26, 1536-1540.	1.1	16
21	Palladium-Catalyzed Pathways to Aryl-Substituted Indenes: An Efficient Synthesis of Ligands and the Respectiveansa-Zirconocenes. <i>Organometallics</i> , 2006, 25, 1217-1229.	1.1	43
22	Synthesis of 1-Aryl-1H-indazoles via Palladium-Catalyzed Intramolecular Amination of Aryl Halides. <i>Journal of Organic Chemistry</i> , 2005, 70, 596-602.	1.7	102
23	Palladium-Catalyzed Stereocontrolled Vinylation of Azoles and Phenothiazine. <i>Organic Letters</i> , 2002, 4, 623-626.	2.4	128