

# David Aebisher

## List of Publications by Year in descending order

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Version: 2024-02-01

116  
papers

1,283  
citations

377584

21  
h-index

466096

32  
g-index

117  
all docs

117  
docs citations

117  
times ranked

1639  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in Management of Bladder Cancerâ€”The Role of Photodynamic Therapy. <i>Molecules</i> , 2022, 27, 731.	1.7	31
2	Some Natural Photosensitizers and Their Medicinal Properties for Use in Photodynamic Therapy. <i>Molecules</i> , 2022, 27, 1192.	1.7	44
3	Colonoscopy: Preparation and Potential Complications. <i>Diagnostics</i> , 2022, 12, 747.	1.3	3
4	Evaluation of Selected Parameters of the Specific Immune Response against <i>Pseudomonas aeruginosa</i> Strains. <i>Cells</i> , 2022, 11, 3.	1.8	3
5	Nanomedicine â€” a review. <i>European Journal of Clinical and Experimental Medicine</i> , 2022, 20, 102-108.	0.0	0
6	Photodynamic Therapy-Adjunctive Therapy in the Treatment of Prostate Cancer. <i>Diagnostics</i> , 2022, 12, 1113.	1.3	3
7	Photodynamic Therapy for Treatment of Disease in Childrenâ€”A Review of the Literature. <i>Children</i> , 2022, 9, 695.	0.6	3
8	Bladder Cancer and Fluorescence Cystoscopy. , 2022, 12, .		0
9	Application of Dendrimers in Anticancer Diagnostics and Therapy. <i>Molecules</i> , 2022, 27, 3237.	1.7	28
10	Histopathological Analysis of the Effect of Photodynamic Action on Post-Chemotherapy Excised Breast Cancer Tissue. <i>Medicina (Lithuania)</i> , 2022, 58, 700.	0.8	1
11	An analytical study of Trastuzumab-dendrimer-fluorine drug delivery system in breast cancer therapy in vitro. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 111053.	2.5	20
12	The use of magnetic resonance imaging technique and 3D printing in order to develop a three-dimensional fistula model for patients with Crohnâ€™s disease: personalised medicine. <i>Przegląd Gastroenterologiczny</i> , 2021, 16, 83-88.	0.3	3
13	Photodynamic therapy for prostate cancer â€” A narrative review. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 33, 102158.	1.3	34
14	Fibromatosis-like spindle-cell metaplastic carcinoma of the breast â€” a case report. <i>European Journal of Clinical and Experimental Medicine</i> , 2021, 19, 98-101.	0.0	0
15	Mixed adenocarcinoma-neuroendocrine cancer â€” a case report. <i>European Journal of Clinical and Experimental Medicine</i> , 2021, 18, 335-337.	0.0	0
16	Metastasis of cancer from Merkel cells to the thyroid gland. <i>European Journal of Clinical and Experimental Medicine</i> , 2021, 19, 86-88.	0.0	0
17	Crohnâ€™s disease â€” a case study. <i>European Journal of Clinical and Experimental Medicine</i> , 2021, 19, 93-97.	0.0	2
18	Numerous gastrointestinal tumors. <i>European Journal of Clinical and Experimental Medicine</i> , 2021, 18, 328-330.	0.0	0

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19	Primary breast angiosarcoma â€“ a case report. <i>European Journal of Clinical and Experimental Medicine</i> , 2021, 18, 331-334.	0.0	0
20	Crohnâ€™s disease complicated with a bladder-fistula â€“ a case report. <i>European Journal of Clinical and Experimental Medicine</i> , 2021, 19, 76-80.	0.0	0
21	Alternative methods of photodynamic therapy and oxygen consumption measurementsâ€”A review. <i>Biomedicine and Pharmacotherapy</i> , 2021, 134, 111095.	2.5	12
22	The potential of photodynamic therapy in current breast cancer treatment methodologies. <i>Biomedicine and Pharmacotherapy</i> , 2021, 137, 111302.	2.5	65
23	Photodynamic Therapy in Orthodontics: A Literature Review. <i>Pharmaceutics</i> , 2021, 13, 720.	2.0	12
24	Anti-Drug Antibodies in Patients with Inflammatory Bowel Diseases Treated with Biosimilar Infliximab: A Prospective Cohort Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 2653.	1.0	4
25	Essential Oils of Seven Lamiaceae Plants and Their Antioxidant Capacity. <i>Molecules</i> , 2021, 26, 3793.	1.7	20
26	Rose bengal and future directions in larynx tumor photodynamic therapy. <i>Photochemistry and Photobiology</i> , 2021, , .	1.3	2
27	Advantages of using toothpaste containing propolis and plant oils for gingivitis prevention and oral cavity hygiene in cleft lip/palate patients. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 111992.	2.5	12
28	Sciatic vessels â€“ a case report. <i>European Journal of Clinical and Experimental Medicine</i> , 2021, 18, 326-327.	0.0	0
29	Therapeutic use of singlet oxygen in breast cancer tumor ex vivo.. <i>Acta Poloniae Pharmaceutica</i> , 2021, 78, 447-456.	0.3	1
30	Coagulation markers in diagnostic and monitoring of thromboembolic complication in COVID-19. <i>European Journal of Clinical and Experimental Medicine</i> , 2021, 19, 241-245.	0.0	0
31	A 16-year-old patient with Charcot Marie Tooth disease in variant c.217G>C of the INF2 gene and focal glomerulosclerosis â€“ a case report. <i>European Journal of Clinical and Experimental Medicine</i> , 2021, 19, 341-346.	0.0	0
32	The role of new biomarkers for the diagnosis and treatment of colon cancer. <i>European Journal of Clinical and Experimental Medicine</i> , 2021, 19, 326-329.	0.0	0
33	Breast cancer tissue treated using photodynamic therapy. <i>Acta Poloniae Pharmaceutica</i> , 2021, 78, 835-843.	0.3	1
34	The role of autofluorescence, photodynamic diagnosis and Photodynamic therapy in malignant tumors of the duodenum. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 32, 101981.	1.3	7
35	The Influence of Hypericin-Mediated Photodynamic Therapy on Interleukin-8 and -10 Secretion in Colon Cancer Cells. <i>Integrative Cancer Therapies</i> , 2020, 19, 153473542091893.	0.8	8
36	Superhydrophobic Surfaces as a Source of Airborne Singlet Oxygen through Free Space for Photodynamic Therapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 2370-2377.	2.3	2

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37	Evaluation of autofluorescence and photodynamic diagnosis in assessment of bladder lesions. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 30, 101719.	1.3	2
38	Clinical Trials and Basic Research in Photodynamic Diagnostics and Therapies from the Center for Laser Diagnostics and Therapy in Poland. <i>Photochemistry and Photobiology</i> , 2020, 96, 539-549.	1.3	9
39	Nasal nitric oxide in upper airways in children with asthma and allergic rhinitis. <i>Advances in Medical Sciences</i> , 2020, 65, 127-133.	0.9	5
40	Evaluation of MR relaxation times following trastuzumab treatment of breast cancer cells in a 3D bioreactor. <i>Acta Poloniae Pharmaceutica</i> , 2020, 77, 35-41.	0.3	3
41	Selected applications of fluorinated MR contrast agents and fluorine-containing drugs in medicine. <i>Acta Poloniae Pharmaceutica</i> , 2020, 77, 403-410.	0.3	4
42	MRI as a potential tool for monitoring of therapeutic monoclonal antibody distribution in cancer patients. <i>Acta Poloniae Pharmaceutica</i> , 2020, 77, 383-389.	0.3	1
43	Radio Frequency MRI coils. <i>European Journal of Clinical and Experimental Medicine</i> , 2020, 18, 24-27.	0.0	0
44	Stroke masks – a case report. <i>European Journal of Clinical and Experimental Medicine</i> , 2020, 18, 245-249.	0.0	0
45	The larynx cancer in vitro study by MRI relaxation time of water. <i>European Journal of Clinical and Experimental Medicine</i> , 2020, 18, 185-187.	0.0	0
46	Treating kidney cancer – a review. <i>European Journal of Clinical and Experimental Medicine</i> , 2020, 18, 38-41.	0.0	0
47	The role of MRI in the central nervous system. <i>European Journal of Clinical and Experimental Medicine</i> , 2020, 18, 28-31.	0.0	0
48	Cytisine parameters measured in the 1.5 Tesla magnetic field. <i>European Journal of Clinical and Experimental Medicine</i> , 2020, 18, 16-19.	0.0	0
49	Brachial artery injury. <i>European Journal of Clinical and Experimental Medicine</i> , 2020, 18, 141-145.	0.0	0
50	Vascular surgery and an occurrence of stroke. <i>European Journal of Clinical and Experimental Medicine</i> , 2020, 18, 233-236.	0.0	0
51	Lycopene activity on lung and kidney cancer cells by T2 relaxation time 1H Magnetic Resonance Imaging in vitro. <i>European Journal of Clinical and Experimental Medicine</i> , 2020, 18, 5-9.	0.0	1
52	Diagnostic and therapeutic difficulties of tick-borne encephalitis – a two case reports. <i>European Journal of Clinical and Experimental Medicine</i> , 2020, 18, 135-140.	0.0	0
53	Memory of Professor Antoni LeÅniowski 1867–1940. <i>European Journal of Clinical and Experimental Medicine</i> , 2020, 18, 146.	0.0	0
54	Generation of retractive spine circuits in the process of vitamin B12 deficiency. <i>European Journal of Clinical and Experimental Medicine</i> , 2020, 18, 131-134.	0.0	0

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55	Bladder leiomyoma: diagnostics, laparoscopy, and treatment. <i>European Journal of Clinical and Experimental Medicine</i> , 2020, 18, 237-241.	0.0	0
56	The potential of intracellular <sup>13</sup> C MR spectroscopy to study the absolute configuration of endogenous and polarized alanine. <i>European Journal of Clinical and Experimental Medicine</i> , 2020, 18, 20-23.	0.0	0
57	An iliac artery aneurysm. <i>European Journal of Clinical and Experimental Medicine</i> , 2020, 18, 242-244.	0.0	0
58	Hyalinising clear cell carcinoma of salivary gland: a case report. <i>European Journal of Clinical and Experimental Medicine</i> , 2020, 18, 127-130.	0.0	0
59	Contrast-enhanced Magnetic Resonance Imaging of lung cell cultures. <i>Acta Poloniae Pharmaceutica</i> , 2020, 77, 251-258.	0.3	0
60	LARYNX TUMOR TISSUE RESPONSE TO PHOTODYNAMIC THERAPY WITH ROSE BENGAL. <i>Acta Poloniae Pharmaceutica</i> , 2020, 77, 581-586.	0.3	1
61	FLUORESCENCE DIAGNOSTICS AND PHOTODYNAMIC THERAPY IN CANCER. <i>Acta Poloniae Pharmaceutica</i> , 2020, 77, 517-540.	0.3	1
62	Mixed-Generation PAMAM G3-G0 Megamer as a Drug Delivery System for Nimesulide: Antitumor Activity of the Conjugate Against Human Squamous Carcinoma and Glioblastoma Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4998.	1.8	11
63	Scientific reports concerning the impact of interleukin 4, interleukin 10 and transforming growth factor $\beta$ on cancer cells. <i>Central-European Journal of Immunology</i> , 2019, 44, 190-200.	0.4	33
64	Exhaled nitric oxide in pediatric patients with respiratory disease. <i>Journal of Breath Research</i> , 2019, 13, 046007.	1.5	16
65	Methods for bladder cancer diagnosis – The role of autofluorescence and photodynamic diagnosis. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 27, 141-148.	1.3	19
66	The Effect of Furanocoumarin Derivatives on Induction of Apoptosis and Multidrug Resistance in Human Leukemic Cells. <i>Molecules</i> , 2019, 24, 1824.	1.7	5
67	Monitoring photodynamic oxygen consumption by endogenous oxygen contrast MRI. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 25, 492-498.	1.3	3
68	The capability and potential of new forms of personalized colon cancer treatment: Immunotherapy and Photodynamic Therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 25, 253-258.	1.3	24
69	Effects of androsterone on the protective action of various antiepileptic drugs against maximal electroshock-induced seizures in mice. <i>Psychoneuroendocrinology</i> , 2019, 101, 27-34.	1.3	6
70	The advancement of imaging in diagnosis of prostate cancer. <i>European Journal of Clinical and Experimental Medicine</i> , 2019, 17, 67-70.	0.0	1
71	Health benefits of resveratrol administration. <i>Acta Biochimica Polonica</i> , 2019, 66, 13-21.	0.3	128
72	Neoadjuvant therapy in breast cancer – objectives and tasks. <i>European Journal of Clinical and Experimental Medicine</i> , 2019, 17, 153-156.	0.0	0

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73	The use of imaging tests to obtain optimal margins in breast surgery. <i>European Journal of Clinical and Experimental Medicine</i> , 2019, 17, 246-249.	0.0	0
74	Imaging methods of early detection and screening for breast cancer. A review. <i>European Journal of Clinical and Experimental Medicine</i> , 2019, 17, 142-145.	0.0	0
75	Medicinal & Aromatic Plants. <i>European Journal of Clinical and Experimental Medicine</i> , 2019, 16, 350-358.	0.0	0
76	Infliximab in therapy of inflammatory bowels diseases. <i>European Journal of Clinical and Experimental Medicine</i> , 2019, 17, 79-82.	0.0	0
77	Bladder Mullerianosis " a case report. <i>European Journal of Clinical and Experimental Medicine</i> , 2019, 17, 277-280.	0.0	0
78	Infliximab MRI relaxation time in solution. <i>European Journal of Clinical and Experimental Medicine</i> , 2019, 17, 22-25.	0.0	0
79	Efficacy and safety of biosimilar IFX (CT-P13) and adalimumab in patients with active fistulizing perianal Crohn's disease naïve to anti-TNF therapy: preliminary results from the POLIBD study. <i>European Journal of Clinical and Experimental Medicine</i> , 2019, 17, 12-15.	0.0	0
80	Adrenomyeloneuropathy " a case report. <i>European Journal of Clinical and Experimental Medicine</i> , 2019, 17, 274-276.	0.0	0
81	Glycosaminoglycan concentration in cancer tissue. <i>European Journal of Clinical and Experimental Medicine</i> , 2019, 17, 175-178.	0.0	0
82	Takayasu arteritis - epidemiology, pathogenesis, diagnosis and treatment. <i>Journal of Applied Biomedicine</i> , 2019, 17, 20-20.	0.6	11
83	Applications of cytosine extraction and detection in biological materials for clinical medicine. <i>Acta Poloniae Pharmaceutica</i> , 2019, 76, 797-804.	0.3	1
84	The potential of Fluorine 19F in Targeted Therapy. <i>Acta Poloniae Pharmaceutica</i> , 2019, 76, 939-943.	0.3	0
85	Trastuzumab drug delivery systems for magnetic resonance imaging detection. , 2018, , 589-619.		0
86	Congenital Adrenal Hyperplasia: clinical symptoms and diagnostic methods. <i>Acta Biochimica Polonica</i> , 2018, 65, 25-33.	0.3	27
87	Current approaches in breast cancer targeting pharmaceuticals. , 2018, , 467-491.		0
88	Differential of live and dead cells by magnetic resonance imaging. <i>Medicinal Chemistry Research</i> , 2017, 26, 2221-2224.	1.1	0
89	Laser flow cytometry as a tool for the advancement of clinical medicine. <i>Biomedicine and Pharmacotherapy</i> , 2017, 85, 434-443.	2.5	22
90	Applications of 19 F Magnetic Resonance Spectroscopy and Imaging for the Study of Nanostructures Used in Antimicrobial Therapy. , 2017, , 261-277.		0

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91	Synthesis and biological evaluation of 4'-O-acetyl-isoxanthohumol and its analogues as antioxidant and antiproliferative agents. <i>Acta Biochimica Polonica</i> , 2017, 64, 577-583.	0.3	7
92	A Review of the Organic Synthesis and Medicinal Applications of the Natural Product Cytisine. <i>Modern Organic Chemistry Research</i> , 2016, 1, .	0.2	4
93	A review of new approaches in Her-2 targeting and 1H MRI application. <i>Medicinal Chemistry Research</i> , 2015, 24, 1365-1368.	1.1	5
94	Multinuclear magnetic resonance evaluation of tumor tissue. <i>Journal of Applied Biomedicine</i> , 2015, 13, 69-78.	0.6	3
95	<sup>19</sup> F applications in drug development and imaging—A review. <i>Biomedicine and Pharmacotherapy</i> , 2014, 68, 813-817.	2.5	21
96	A Fiberoptic (Photodynamic Therapy Type) Device with a Photosensitizer and Singlet Oxygen Delivery Probe Tip for Ovarian Cancer Cell Killing. <i>Photochemistry and Photobiology</i> , 2013, 89, 936-941.	1.3	25
97	Superhydrophobic Photosensitizers. Mechanistic Studies of <sup>1</sup> O <sub>2</sub> Generation in the Plastron and Solid/Liquid Droplet Interface. <i>Journal of the American Chemical Society</i> , 2013, 135, 18990-18998.	6.6	38
98	Fluorine End-Capped Optical Fibers for Photosensitizer Release and Singlet Oxygen Production. <i>Journal of Organic Chemistry</i> , 2012, 77, 4557-4565.	1.7	30
99	Bacterial Inactivation by a Singlet Oxygen Bubbler: Identifying Factors Controlling the Toxicity of <sup>1</sup> O <sub>2</sub> Bubbles. <i>Environmental Science &amp; Technology</i> , 2012, 46, 12098-12104.	4.6	38
100	Generating Singlet Oxygen Bubbles: A New Mechanism for Gas-Liquid Oxidations in Water. <i>Langmuir</i> , 2012, 28, 3053-3060.	1.6	17
101	Photosensitizer Drug Delivery via an Optical Fiber. <i>Journal of the American Chemical Society</i> , 2011, 133, 7882-7891.	6.6	57
102	A Hand-Held Fiberoptic Implement for the Site-Specific Delivery of Photosensitizer and Singlet Oxygen. <i>Photochemistry and Photobiology</i> , 2011, 87, 1330-1337.	1.3	17
103	Fiberoptic Singlet Oxygen [ <sup>1</sup> O <sub>2</sub> ( <sup>1</sup> g)] Generator Device Serving as a Point Selective Sterilizer. <i>Photochemistry and Photobiology</i> , 2010, 86, 890-894.	1.3	16
104	Synthesis, Characterization, Mechanism of Decomposition, and Antiproliferative Activity of a Class of PEGylated Benzopolysulfanes Structurally Similar to the Natural Product Varacin. <i>Journal of Organic Chemistry</i> , 2010, 75, 5549-5557.	1.7	22
105	Singlet Oxygen Delivery Through the Porous Cap of a Hollow-Core Fiber Optic Device. <i>Journal of Physical Chemistry B</i> , 2009, 113, 15803-15806.	1.2	13
106	Singlet Oxygen Chemistry in Water: A Porous Vycor Glass-Supported Photosensitizer. <i>Journal of Physical Chemistry B</i> , 2008, 112, 1913-1917.	1.2	30
107	Singlet Oxygen Chemistry in Water. 2. Photoexcited Sensitizer Quenching by O <sub>2</sub> at the Water-Porous Glass Interface. <i>Journal of Physical Chemistry B</i> , 2008, 112, 15646-15650.	1.2	13
108	Computational Studies of the Tropone Natural Products, Thiotropocin, Tropodithietic Acid, and Troposulfenin. Significance of Thiocarbonyl-Enol Tautomerism. <i>Journal of Organic Chemistry</i> , 2008, 73, 280-283.	1.7	28

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109	Regioselective (Biomimetic) Synthesis of a Pentasulfane from ortho-Benzoquinone. <i>Journal of Organic Chemistry</i> , 2007, 72, 2951-2955.	1.7	22
110	Implications for the Existence of a Heptasulfur Linkage in Natural <i>ortho</i> -Benzopolysulfanes. <i>Journal of Natural Products</i> , 2007, 70, 1492-1494.	1.5	9
111	Paradigms and paradoxes: Energetics of the oxidative cleavage of indigo and of other olefins. <i>Structural Chemistry</i> , 2007, 18, 71-74.	1.0	10
112	Possible singlet oxygen generation from the photolysis of indigo dyes in methanol, DMSO, water, and ionic liquid, 1-butyl-3-methylimidazolium tetrafluoroborate. <i>Tetrahedron</i> , 2006, 62, 10771-10776.	1.0	63
113	Products from solvolysis reactions that form (2-phenylcyclopropyl)carbinyl cations. <i>Journal of Physical Organic Chemistry</i> , 2005, 18, 974-977.	0.9	0
114	Kinetic Isotope Effects Implicate Two Electrophilic Oxidants in Cytochrome P450-Catalyzed Hydroxylations. <i>Journal of the American Chemical Society</i> , 2003, 125, 6064-6065.	6.6	85
115	The First Example of a Singlet Oxygen Induced Double Bond Migration during Sulfide Photooxidation. Experimental Evidence for Sulfone Formation via a Hydroperoxy Sulfonium Ylide. <i>Journal of Organic Chemistry</i> , 2002, 67, 1036-1037.	1.7	16
116	Substituent-Dictated Partitioning of Intermediates on the Sulfide Singlet Oxygen Reaction Surface. A New Mechanism for Oxidative C-S Bond Cleavage in $\alpha$ -Hydroperoxy Sulfides. <i>Journal of the American Chemical Society</i> , 2001, 123, 4966-4973.	6.6	39