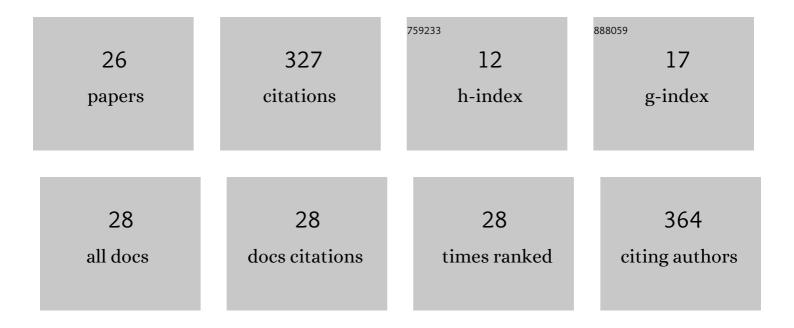
Barbara Burnat

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Interfacial Deposition of Titanium Dioxide at the Polarized Liquid–Liquid Interface. Materials, 2022, 15, 2196.	2.9	2
2	Effects of a Constant Magnetic Field on the Electrochemical Reactions of Quercetin. ChemistryOpen, 2020, 9, 1229-1235.	1.9	1
3	Comparison of Different Thermo-Chemical Treatments Methods of Ti-6Al-4V Alloy in Terms of Tribological and Corrosion Properties. Materials, 2020, 13, 5192.	2.9	18
4	Titanium Dioxide Coatings Doubly-Doped with Ca and Ag lons as Corrosion Resistant, Biocompatible, and Bioactive Materials for Medical Applications. Coatings, 2020, 10, 169.	2.6	7
5	Tribological and corrosive investigations of perfluoro and alkylphosphonic self-assembled monolayers on Ti incorporated carbon coatings. Tribology International, 2019, 130, 359-365.	5.9	15
6	Graphene oxide activation with a constant magnetic field. Analytica Chimica Acta, 2018, 1011, 35-39.	5.4	6
7	An application of a glassy carbon electrode and a glassy carbon electrode modified with multi-walled carbon nanotubes in electroanalytical determination of oxycarboxin. Ionics, 2018, 24, 2111-2121.	2.4	10
8	A graphene oxide modified carbon ceramic electrode for voltammetric determination of gallic acid. Diamond and Related Materials, 2018, 88, 137-143.	3.9	25
9	A carbon ceramic electrode modified with bismuth oxide nanoparticles for determination of syringic acid by stripping voltammetry. Mikrochimica Acta, 2017, 184, 4579-4586.	5.0	8
10	Fabrication and Application of Ferrierite–Modified Carbon Ceramic Electrode in Sensitive Determination of Estradiol. Journal of the Electrochemical Society, 2017, 164, B574-B580.	2.9	3
11	The effect of concentration and source of calcium ions on anticorrosion properties of Ca-doped TiO2 bioactive sol-gel coatings. Ceramics International, 2017, 43, 13735-13742.	4.8	8
12	First electrochemical study of the fungicide oxycarboxin. International Journal of Environmental Analytical Chemistry, 2017, 97, 1298-1314.	3.3	7
13	Voltammetric behavior, quantitative determination, and corrosion investigation of herbicide bromacil. Journal of Electroanalytical Chemistry, 2016, 770, 6-13.	3.8	10
14	New sensitive square-wave adsorptive stripping voltammetric determination of pesticide chlornitrofen, and an evaluation of its corrosivity towards steel agricultural equipment. Journal of Electroanalytical Chemistry, 2016, 777, 8-18.	3.8	17
15	Voltammetric and corrosion studies of the ionophoric antibiotic–salinomycin and its determination in a soil extract. Journal of Electroanalytical Chemistry, 2016, 783, 56-62.	3.8	9
16	The effect of carbon material on the electroanalytical determination of 4-chloro-3-methylphenol using the sol-gel derived carbon ceramic electrodes. Sensors and Actuators B: Chemical, 2016, 236, 318-325.	7.8	18
17	The effect of Si incorporation on the corrosion resistance of a-C:H:SiOx coatings. Diamond and Related Materials, 2016, 67, 1-7.	3.9	24
18	Voltammetric determination of the herbicide propham on glassy carbon electrode modified with multi-walled carbon nanotubes. Sensors and Actuators B: Chemical, 2016, 231, 54-63.	7.8	16

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19	Voltammetric and corrosion studies of the fungicide fludioxonil. Electrochimica Acta, 2015, 158, 287-297.	5.2	15
20	Square-wave voltammetric determination of fungicide fenfuram in real samples on bare boron-doped diamond electrode, and its corrosion properties on stainless steels used to produce agricultural tools. Electrochimica Acta, 2015, 169, 117-125.	5.2	20
21	Surface characterization, corrosion properties and bioactivity of Ca-doped TiO2 coatings for biomedical applications. Surface and Coatings Technology, 2015, 280, 291-300.	4.8	19
22	Effects of serum proteins on corrosion behavior of ISO 5832–9 alloy modified by titania coatings. Journal of Solid State Electrochemistry, 2014, 18, 3111-3119.	2.5	9
23	The new application of renewable silver amalgam film electrode for the electrochemical reduction of nitrile, cyazofamid, and its voltammetric determination in the real samples and in a commercial formulation. Electrochimica Acta, 2014, 134, 302-308.	5.2	30
24	Structural analysis and corrosion studies on an ISO 5832-9 biomedical alloy with TiO2 sol–gel layers. Journal of Materials Science: Materials in Medicine, 2014, 25, 623-634.	3.6	13
25	The Influence of Chemical Surface Treatment on the Corrosion Resistance of Titanium Castings Used in Dental Prosthetics. Archives of Foundry Engineering, 2014, 14, 11-16.	0.4	4
26	Corrosion behaviour of polished and sandblasted titanium alloys in PBS solution. Acta of Bioengineering and Biomechanics, 2013, 15, 87-95.	0.4	10