

# Jan Fischer

## List of Publications by Year in descending order

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34  
papers

895  
citations

567144

15  
h-index

454834

30  
g-index

36  
all docs

36  
docs citations

36  
times ranked

917  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Applicability of Selected 3D Printing Materials in Electrochemistry. <i>Biosensors</i> , 2022, 12, 308.  | 2.3 | 8         |
| 2  | Retractable-pen-based renewable silver amalgam film electrode for microliter sample analysis of electrochemically reducible environmental pollutants. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129057.  | 4.0 | 6         |
| 3  | Comparison of static and dynamic mode in the electrochemical oxidation of fesoterodine with the use of experimental design approach. <i>Talanta</i> , 2021, 226, 122141.   | 2.9 | 3         |
| 4  | Substituent effect of ring-substituted 3-hydroxynaphthalene-2-carboxanilides and 2-hydroxynaphthalene-1-carboxanilides in relation to their electrochemical and biological activity. <i>Journal of Electroanalytical Chemistry</i> , 2021, 899, 115667.  | 1.9 | 0         |
| 5  | Determination of 8-hydroxy-7-iodo-5-quinoline sulfonic acid (HIQSA) at renewable electrode with Sb <sub>2</sub> O <sub>3</sub> /MWCNT-TiO <sub>2</sub> nanohybrid. <i>Journal of Electroanalytical Chemistry</i> , 2020, 858, 113775.  | 1.9 | 3         |
| 6  | Differential Pulse Voltammetric Determination of 2-Methyl-4,6-Dinitrophenol using Bismuth Bulk Electrode. <i>Electroanalysis</i> , 2020, 32, 317-322.  | 1.5 | 2         |
| 7  | Electrochemistry of ring-substituted 1-hydroxynaphthalene-2-carboxanilides: Relation to structure and biological activity. <i>Electrochimica Acta</i> , 2020, 332, 135485.   | 2.6 | 4         |
| 8  | Anodic differential pulse voltammetric determination of 2-nitrophenol at a non-traditional carbon film composite electrode. <i>Journal of Electroanalytical Chemistry</i> , 2020, 877, 114510.   | 1.9 | 1         |
| 9  | Simultaneous determination of tumour biomarkers homovanillic acid, vanillylmandelic acid, and 5-hydroxyindole-3-acetic acid in human urine using single run HPLC with a simple wall-jet glassy carbon electrochemical detector. <i>Journal of Electroanalytical Chemistry</i> , 2020, 878, 114629. | 1.9 | 13        |
| 10 | Novel Type of Carbon Nanotube Paste Electrode Modified by Sb <sub>2</sub> O <sub>3</sub> for Square Wave Anodic Stripping Voltammetric Determination of Cd <sup>2+</sup> and Pb <sup>2+</sup> . <i>Electroanalysis</i> , 2020, 32, 2260-2265.  | 1.5 | 8         |
| 11 | Voltammetric study of triazole antifungal agent terconazole on sp <sup>3</sup> and sp <sup>2</sup> carbon-based electrode materials. <i>Journal of Electroanalytical Chemistry</i> , 2020, 863, 114054.  | 1.9 | 9         |
| 12 | Simultaneous determination of three carbamate pesticides using vortex-assisted liquid-liquid microextraction combined with HPLC-amperometric detection. <i>Microchemical Journal</i> , 2019, 150, 104071.  | 2.3 | 26        |
| 13 | Electrochemical microcell based on silver solid amalgam electrode for voltammetric determination of pesticide difenzoquat. <i>Sensors and Actuators B: Chemical</i> , 2019, 299, 126931.   | 4.0 | 7         |
| 14 | Voltammetric and adsorption study of 4-nitrophenyl-triazole-labeled 2-deoxycytidine and 7-deazaadenosine nucleosides at boron-doped diamond electrode. <i>Journal of Electroanalytical Chemistry</i> , 2018, 821, 111-120.   | 1.9 | 12        |
| 15 | Voltammetry of a Novel Antimycobacterial Agent 1-Hydroxy-4-(4-nitrophenyl)naphthalene-2-carboxamide in a Single Drop of a Solution. <i>Electroanalysis</i> , 2018, 30, 38-47.  | 1.5 | 8         |
| 16 | Micro volume voltammetric determination of 4-nitrophenol in dimethyl sulfoxide at a glassy carbon electrode. <i>Monatshefte für Chemie</i> , 2017, 148, 1639-1644.   | 0.9 | 4         |
| 17 | Voltammetric Determination of Tumor Biomarkers for Neuroblastoma (Homovanillic Acid,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf<br>Electroanalysis, 2017, 29, 146-153.  | 1.5 | 25        |
| 18 | Investigation of Voltammetric Behaviour of Insecticide Chlorpyrifos on a Mercury Meniscus Modified Silver Solid Amalgam Electrode. <i>Electrochimica Acta</i> , 2016, 216, 510-516.  | 2.6 | 28        |

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|----|--|-----|-----------|
| 19 | Recent Applications of Mercury Electrodes for Monitoring of Pesticides: A Critical Review. <i>Electroanalysis</i> , 2016, 28, 2659-2671.   | 1.5 | 37        |
| 20 | Antimony film electrodes for voltammetric determination of pesticide trifluralin. <i>Journal of Electroanalytical Chemistry</i> , 2016, 778, 1-6.  | 1.9 | 20        |
| 21 | Voltammetry of benzodiazepines on meniscus-modified silver solid amalgam electrode. <i>Monatshefte für Chemie</i> , 2016, 147, 127-134.  | 0.9 | 12        |
| 22 | Voltammetric Determination of Insecticide Thiamethoxam on Silver Solid Amalgam Electrode. <i>Electrochimica Acta</i> , 2014, 140, 5-10.  | 2.6 | 25        |
| 23 | Differential pulse voltammetric determination of paracetamol in tablet and urine samples at a micro-crystalline natural graphite/polystyrene composite film modified electrode. <i>Electrochimica Acta</i> , 2013, 101, 238-242. | 2.6 | 69        |
| 24 | Voltammetric determination of the herbicide Bifenox in drinking and river water using a silver solid amalgam electrode. <i>Environmental Chemistry Letters</i> , 2011, 9, 83-86.   | 8.3 | 28        |
| 25 | Electrochemistry of Pesticides and its Analytical Applications. <i>Current Organic Chemistry</i> , 2011, 15, 2923-2935.  | 0.9 | 50        |
| 26 | Voltammetric determination of flutamide and its metabolite 4-nitro-3-trifluoromethylaniline at a hanging mercury drop minielectrode. <i>Collection of Czechoslovak Chemical Communications</i> , 2011, 76, 1811-1823.            | 1.0 | 9         |
| 27 | Voltammetric Determination of Aliphatic Phthalate Esters at a Hanging Mercury Drop Minielectrode and a Meniscus Modified Silver Solid Amalgam Electrode. <i>Electroanalysis</i> , 2010, 22, 1957-1962.                           | 1.5 | 5         |
| 28 | Voltammetric Determination of 4-Nitrophenol Using a Novel Type of Silver Amalgam Paste Electrode. <i>Electroanalysis</i> , 2009, 21, 1786-1791.  | 1.5 | 89        |
| 29 | A Novel Voltammetric Method for the Determination of Maleic Acid Using Silver Amalgam Paste Electrode. <i>Electroanalysis</i> , 2009, 21, 1719-1722.   | 1.5 | 12        |
| 30 | Voltammetric Determination of 3-Nitrofluoranthene and 3-Aminofluoranthene at Boron Doped Diamond Thin-Film Electrode. <i>Electroanalysis</i> , 2007, 19, 1295-1299.  | 1.5 | 33        |
| 31 | Nontraditional Electrode Materials in Environmental Analysis of Biologically Active Organic Compounds. <i>Electroanalysis</i> , 2007, 19, 2003-2014.   | 1.5 | 161       |
| 32 | Silver Solid Amalgam Electrodes as Sensors for Chemical Carcinogens. <i>Sensors</i> , 2006, 6, 445-452.  | 2.1 | 69        |
| 33 | Voltammetric Determination of Trace Amounts of 2-Methyl-4,6-Dinitrophenol at a Silver Solid Amalgam Electrode. <i>Electroanalysis</i> , 2006, 18, 127-130.   | 1.5 | 44        |
| 34 | Separation and Detection of Nitrophenols at Capillary Electrophoresis Microchips with Amperometric Detection. <i>Electroanalysis</i> , 2006, 18, 195-199.  | 1.5 | 64        |