

Marco Panizza

List of Publications by Year in descending order

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101
papers

12,685
citations

43973

48
h-index

32761

100
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105
all docs

105
docs citations

105
times ranked

6690
citing authors

#	ARTICLE	IF	CITATIONS
1	A flexible electrochemical cell setup for pollutant oxidation in a wide electrical conductivity range and its integration with ultrasound. <i>Journal of Water Process Engineering</i> , 2022, 46, 102564.	2.6	6
2	A Critical Analysis on the Current Design Criteria for Cathodic Protection of Ships and Superyachts. <i>Materials</i> , 2022, 15, 2645.	1.3	2
3	Influence of anode material and chlorides in the new-gen solid polymer electrolyte cell for electrochemical oxidation – Optimization of Chloroxylenol degradation with response surface methodology. <i>Journal of Electroanalytical Chemistry</i> , 2022, 920, 116584.	1.9	4
4	Electrochemical oxidation of organic pollutants in low conductive solutions. <i>Current Opinion in Electrochemistry</i> , 2021, 26, 100665.	2.5	22
5	Electrochemical and sonoelectrochemical degradation of Allura Red and Erythrosine B dyes with Ti-PbO ₂ anode. <i>Journal of Electroanalytical Chemistry</i> , 2021, 889, 115212.	1.9	18
6	Electro-Fenton, solar photoelectro-Fenton and UVA photoelectro-Fenton: Degradation of Erythrosine B dye solution. <i>Chemosphere</i> , 2021, 270, 129480.	4.2	38
7	Application of boron-doped diamond electrodes for electrochemical oxidation of real wastewaters. <i>Current Opinion in Electrochemistry</i> , 2021, 30, 100844.	2.5	38
8	Ciprofloxacin removal: BDD anode coupled with solid polymer electrolyte and ultrasound irradiation. <i>Journal of Water Process Engineering</i> , 2020, 33, 101074.	2.6	26
9	A Boron-Doped Diamond Anode for the Electrochemical Removal of Parabens in Low-Conductive Solution: From a Conventional Flow Cell to a Solid Polymer Electrolyte System. <i>ChemElectroChem</i> , 2020, 7, 314-319.	1.7	9
10	Chlorpyrifos removal: Nb/boron-doped diamond anode coupled with solid polymer electrolyte and ultrasound irradiation. <i>Journal of Environmental Health Science & Engineering</i> , 2020, 18, 1391-1399.	1.4	8
11	Electrochemical removal of Terbutylazine: Boron-Doped Diamond anode coupled with solid polymer electrolyte. <i>Environmental Pollution</i> , 2019, 251, 285-291.	3.7	24
12	Groundwater Treatment using a Solid Polymer Electrolyte Cell with Mesh Electrodes. <i>ChemElectroChem</i> , 2019, 6, 1235-1243.	1.7	17
13	Application of TiO ₂ -nanotubes/PbO ₂ as an anode for the electrochemical elimination of Acid Red 1 dye. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 351-360.	1.2	31
14	Coupling a Boron Doped Diamond Anode with a Solid Polymer Electrolyte to Avoid the Addition of Supporting Electrolyte in Electrochemical Advanced Oxidation Processes. <i>ChemElectroChem</i> , 2019, 6, 1794-1799.	1.7	9
15	Electrochemical oxidation of crystal violet using a BDD anode with a solid polymer electrolyte. <i>Separation and Purification Technology</i> , 2019, 208, 178-183.	3.9	37
16	Applicability of electrochemical methods to paper mill wastewater for reuse. Anodic oxidation with BDD and TiRuSnO ₂ anodes. <i>Journal of Electroanalytical Chemistry</i> , 2018, 815, 16-23.	1.9	61
17	Degradation of dye Procion Red MX-5B by electrolytic and electro-irradiated technologies using diamond electrodes. <i>Chemosphere</i> , 2018, 199, 445-452.	4.2	45
18	Removal of Procion Red MX-5B dye from wastewater by conductive-diamond electrochemical oxidation. <i>Electrochimica Acta</i> , 2018, 263, 1-7.	2.6	124

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19	Electrochemical oxidation of organic pollutants for wastewater treatment. <i>Current Opinion in Electrochemistry</i> , 2018, 11, 62-71.	2.5	556
20	Fine Chemical Industry, Pulp and Paper Industry, Petrochemical Industry and Pharmaceutical Industry. , 2018, , 335-364.		7
21	Characterisation of La _{0.6} Sr _{0.4} Co _{0.2} Fe _{0.8} O _{3-δ} / Ba _{0.5} Sr _{0.5} Co _{0.8} Fe _{0.2} O _{3-δ} composite as cathode for solid oxide fuel cells. <i>Electrochimica Acta</i> , 2017, 240, 258-266.	2.6	28
22	Application of Doehlert design to the electro-Fenton treatment of Bismarck Brown Y. <i>Journal of Electroanalytical Chemistry</i> , 2017, 799, 34-39.	1.9	24
23	Direct and indirect electrochemical oxidation of Indigo Carmine using PbO ₂ and TiRuSnO ₂ . <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 2167-2175.	1.2	31
24	Electrochemical oxidation of a synthetic dye using a BDD anode with a solid polymer electrolyte. <i>Electrochemistry Communications</i> , 2017, 75, 21-24.	2.3	68
25	Conventional Reactors and Microreactors in Electro-Fenton. <i>Handbook of Environmental Chemistry</i> , 2017, , 205-239.	0.2	1
26	Electrochemical Degradation of Vanillic Acid on a BDD Anode. <i>Journal of the Electrochemical Society</i> , 2017, 164, E213-E216.	1.3	7
27	Electrochemical treatment of poorly biodegradable DPC cationic surfactant. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 2692-2697.	3.3	16
28	Ferulic acid treatment by electrochemical oxidation using a BDD anode. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 59, 132-137.	2.7	25
29	Comparative depollution of Methyl Orange aqueous solutions by electrochemical incineration using TiRuSnO ₂ , BDD and PbO ₂ as high oxidation power anodes. <i>Journal of Electroanalytical Chemistry</i> , 2016, 766, 94-99.	1.9	68
30	Study of reversible SOFC/SOEC based on a mixed anionic-protonic conductor. <i>Journal of Applied Electrochemistry</i> , 2015, 45, 657-665.	1.5	9
31	Role of anode material on the electrochemical oxidation of methyl orange. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 3177-3183.	1.2	42
32	Complete removal of AHPS synthetic dye from water using new electro-fenton oxidation catalyzed by natural pyrite as heterogeneous catalyst. <i>Journal of Hazardous Materials</i> , 2015, 297, 34-41.	6.5	221
33	Application of electro-Fenton process as alternative for degradation of Novacron Blue dye. <i>Journal of Environmental Chemical Engineering</i> , 2014, 2, 875-880.	3.3	36
34	Electrochemical oxidation of urea in aqueous solutions using a boron-doped thin-film diamond electrode. <i>Diamond and Related Materials</i> , 2014, 44, 109-116.	1.8	43
35	Electrochemical advanced oxidation processes: today and tomorrow. A review. <i>Environmental Science and Pollution Research</i> , 2014, 21, 8336-8367.	2.7	1,521
36	Removal of the anti-inflammatory drug ibuprofen from water using homogeneous photocatalysis. <i>Catalysis Today</i> , 2014, 224, 29-33.	2.2	34

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37	Complete mineralization of the antibiotic amoxicillin by electro-Fenton with a BDD anode. <i>Journal of Applied Electrochemistry</i> , 2014, 44, 1327-1335.	1.5	81
38	Thermodynamic and kinetic studies of NaBH ₄ regeneration by NaBO ₂ •Mg•H ₂ ternary system at isothermal condition. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 11094-11102.	3.8	7
39	Anodic oxidation of benzoquinone using diamond anode. <i>Environmental Science and Pollution Research</i> , 2014, 21, 8451-8456.	2.7	17
40	Organic Pollutants, Direct and Mediated Anodic Oxidation. , 2014, , 1424-1428.		4
41	Applicability of Electroanalysis for Monitoring Oxalic Acid (OA) Concentration During its Electrochemical Oxidation at Different Electrode Materials. <i>Electrocatalysis</i> , 2013, 4, 267-273.	1.5	7
42	Thermochemical recycling of hydrolyzed NaBH ₄ . Part I: In-situ and ex-situ evaluations. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 15269-15274.	3.8	12
43	Electro-Fenton degradation of anionic surfactants. <i>Separation and Purification Technology</i> , 2013, 118, 394-398.	3.9	50
44	Applicability of electroanalysis for monitoring oxalic acid (OA) concentration during its electrochemical oxidation. <i>Journal of Electroanalytical Chemistry</i> , 2013, 701, 32-35.	1.9	10
45	Kinetic behavior of anti-inflammatory drug ibuprofen in aqueous medium during its degradation by electrochemical advanced oxidation. <i>Environmental Science and Pollution Research</i> , 2013, 20, 2381-2389.	2.7	56
46	Role of electrode materials for the anodic oxidation of a real landfill leachate • Comparison between Ti•Ru•Sn ternary oxide, PbO ₂ and boron-doped diamond anode. <i>Chemosphere</i> , 2013, 90, 1455-1460.	4.2	139
47	Electro-Fenton degradation of anti-inflammatory drug ibuprofen in hydroorganic medium. <i>Journal of Electroanalytical Chemistry</i> , 2013, 702, 31-36.	1.9	66
48	Thermochemical recycling of hydrolyzed NaBH ₄ . Part II: Systematical study of parameters dependencies. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 15940-15945.	3.8	13
49	Coumaric acid degradation by electro-Fenton process. <i>Journal of Electroanalytical Chemistry</i> , 2012, 667, 19-23.	1.9	15
50	Applicability of diamond electrode/anode to the electrochemical treatment of a real textile effluent. <i>Journal of Electroanalytical Chemistry</i> , 2012, 674, 103-107.	1.9	116
51	Veratric acid treatment by anodic oxidation with BDD anode. <i>Journal of Chemical Technology and Biotechnology</i> , 2012, 87, 381-386.	1.6	6
52	Electrochemical degradation of sinapinic acid on a BDD anode. <i>Desalination</i> , 2011, 272, 148-153.	4.0	52
53	Degradation of Alizarin Red by electro-Fenton process using a graphite-felt cathode. <i>Electrochimica Acta</i> , 2011, 56, 7084-7087.	2.6	288
54	Applicability of electrochemical methods to carwash wastewaters for reuse. Part 2: Electrocoagulation and anodic oxidation integrated process. <i>Journal of Electroanalytical Chemistry</i> , 2010, 638, 236-240.	1.9	98

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55	Electrochemical process for the treatment of landfill leachate. Journal of Applied Electrochemistry, 2010, 40, 1721-1727.	1.5	64
56	Applicability of electrochemical methods to carwash wastewaters for reuse. Part 1: Anodic oxidation with diamond and lead dioxide anodes. Journal of Electroanalytical Chemistry, 2010, 638, 28-32.	1.9	76
57	Importance of Electrode Material in the Electrochemical Treatment of Wastewater Containing Organic Pollutants. , 2010, , 25-54.		41
58	Electrochemical study of self-assembled cysteine monolayers on polycrystalline gold electrodes and functionalization with microperoxidase MP-11. Journal of Applied Electrochemistry, 2009, 39, 2275-2284.	1.5	9
59	Electrochemical oxidation of Acid Yellow 1 using diamond anode. Journal of Applied Electrochemistry, 2009, 39, 2285-2289.	1.5	65
60	Cold Incineration of Chlorophenols in Aqueous Solution by Advanced Electrochemical Process Electro-Fenton. Effect of Number and Position of Chlorine Atoms on the Degradation Kinetics. Journal of Physical Chemistry A, 2009, 113, 10988-10993.	1.1	99
61	Electrochemical degradation of gallic acid on a BDD anode. Chemosphere, 2009, 77, 1060-1064.	4.2	68
62	Electro-Fenton degradation of synthetic dyes. Water Research, 2009, 43, 339-344.	5.3	317
63	Direct And Mediated Anodic Oxidation of Organic Pollutants. Chemical Reviews, 2009, 109, 6541-6569.	23.0	1,897
64	Comparative depollution of mecoprop aqueous solutions by electrochemical incineration using BDD and PbO ₂ as high oxidation power anodes. Journal of Electroanalytical Chemistry, 2008, 613, 151-159.	1.9	160
65	Electrochemical generation of H ₂ O ₂ in low ionic strength media on gas diffusion cathode fed with air. Electrochimica Acta, 2008, 54, 876-878.	2.6	108
66	Anodic oxidation of mecoprop herbicide at lead dioxide. Journal of Applied Electrochemistry, 2008, 38, 923-929.	1.5	55
67	Cu underpotential deposition on Au controlled by in situ Spectroscopic Ellipsometry. Physica Status Solidi C: Current Topics in Solid State Physics, 2008, 5, 1304-1307.	0.8	14
68	Removal of colour and COD from wastewater containing acid blue 22 by electrochemical oxidation. Journal of Hazardous Materials, 2008, 153, 83-88.	6.5	148
69	Electrochemical Degradation of Methyl Red Using BDD and PbO ₂ Anodes. Industrial & Engineering Chemistry Research, 2008, 47, 6816-6820.	1.8	140
70	Oxidation of organic pollutants on BDD anodes using modulated current electrolysis. Electrochimica Acta, 2008, 53, 2289-2295.	2.6	175
71	Electrochemical incineration of dyes using a boron-doped diamond anode. Journal of Chemical Technology and Biotechnology, 2007, 82, 575-581.	1.6	99
72	Electrocatalytic materials for the electrochemical oxidation of synthetic dyes. Applied Catalysis B: Environmental, 2007, 75, 95-101.	10.8	206

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73	Electrochemical degradation of methylene blue. Separation and Purification Technology, 2007, 54, 382-387.	3.9	244
74	Olive mill wastewater treatment by anodic oxidation with parallel plate electrodes. Water Research, 2006, 40, 1179-1184.	5.3	116
75	Biological and electrochemical oxidation of naphthalenesulfonates. Journal of Chemical Technology and Biotechnology, 2006, 81, 225-232.	1.6	44
76	Application of diamond electrodes to electrochemical processes. Electrochimica Acta, 2005, 51, 191-199.	2.6	698
77	Analysis of the oxygen reduction process on SOFC composite electrodes. Journal of Applied Electrochemistry, 2005, 35, 399-403.	1.5	33
78	Electrochemical degradation of anionic surfactants. Journal of Applied Electrochemistry, 2005, 35, 357-361.	1.5	109
79	Electrochemical Oxidation as a Final Treatment of Synthetic Tannery Wastewater. Environmental Science & Technology, 2004, 38, 5470-5475.	4.6	227
80	Electrochemical oxidation of water on synthetic boron-doped diamond thin film anodes. Journal of Applied Electrochemistry, 2003, 33, 151-154.	1.5	269
81	Electrochemical oxidation of 2-naphthol with in situ electrogenerated active chlorine. Electrochimica Acta, 2003, 48, 1515-1519.	2.6	95
82	Influence of anode material on the electrochemical oxidation of 2-naphthol. Electrochimica Acta, 2003, 48, 3491-3497.	2.6	169
83	DSA-type anode based on conductive porous p-silicon substrate. Electrochemistry Communications, 2003, 5, 365-368.	2.3	14
84	Dimensionally Stable Anode-Type Anode Based on Conductive p-Silicon Substrate. Journal of the Electrochemical Society, 2003, 150, D41.	1.3	24
85	Electrochemical Polishing of Boron-Doped Diamond in Organic Media. Electrochemical and Solid-State Letters, 2003, 6, D17.	2.2	20
86	Electrochemical Behavior of Fluorinated Boron-Doped Diamond. Electrochemical and Solid-State Letters, 2003, 6, D9.	2.2	25
87	A comparative study on direct and indirect electrochemical oxidation of polyaromatic compounds. Annali Di Chimica, 2003, 93, 977-84.	0.6	6
88	Effect of composition on the performance of cermet electrodes. Experimental and theoretical approach. Electrochimica Acta, 2002, 47, 1079-1089.	2.6	56
89	Electrochemical oxidation of phenol at boron-doped diamond electrode. Application to electro-organic synthesis and wastewater treatment. Annali Di Chimica, 2002, 92, 995-1006.	0.6	9
90	Oxidation of 4-Chlorophenol at Boron-Doped Diamond Electrode for Wastewater Treatment. Journal of the Electrochemical Society, 2001, 148, D60.	1.3	396

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91	Electrochemical Oxidation of 4-Chlorophenol for Wastewater Treatment: Definition of Normalized Current Efficiency (\bar{i}_t). Journal of the Electrochemical Society, 2001, 148, D78.	1.3	191
92	Electrochemical and corrosion behaviour of cold rolled AISI 301 in 1 M H ₂ SO ₄ . Journal of Alloys and Compounds, 2001, 317-318, 607-611.	2.8	60
93	Removal of organic pollutants from industrial wastewater by electrogenerated Fenton's reagent. Water Research, 2001, 35, 3987-3992.	5.3	218
94	Electrochemical treatment of wastewaters containing organic pollutants on boron-doped diamond electrodes: Prediction of specific energy consumption and required electrode area. Electrochemistry Communications, 2001, 3, 336-339.	2.3	207
95	Electrochemical oxidation of 3-methylpyridine at a boron-doped diamond electrode: application to electroorganic synthesis and wastewater treatment. Electrochemistry Communications, 2001, 3, 346-351.	2.3	123
96	Electrochemical oxidation of phenol at boron-doped diamond electrode. Electrochimica Acta, 2001, 46, 3573-3578.	2.6	537
97	Anodic oxidation of 2-naphthol at boron-doped diamond electrodes. Journal of Electroanalytical Chemistry, 2001, 507, 206-214.	1.9	436
98	Electrochemical remediation of copper (II) from an industrial effluent. Resources, Conservation and Recycling, 2000, 29, 161-167.	5.3	2
99	Breakdown of passivity of aluminium alloys by intermetallic phases in neutral chloride solution. Intermetallics, 2000, 8, 305-312.	1.8	50
100	Electrochemical treatment of wastewater containing polyaromatic organic pollutants. Water Research, 2000, 34, 2601-2605.	5.3	244
101	Electrochemical remediation of copper (II) from an industrial effluent. Resources, Conservation and Recycling, 1999, 26, 115-124.	5.3	22