

Aleksandar B Dekanski

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60
papers

1,190
citations

17
h-index

33
g-index

63
ext. papers

1,261
ext. citations

3.1
avg, IF

3.8
L-index

#	Paper	IF	Citations
60	Glassy carbon electrodes. <i>Carbon</i> , 2001 , 39, 1195-1205	10.4	207
59	Surface characterization of oxidized activated carbon cloth. <i>Carbon</i> , 1997 , 35, 1047-1052	10.4	170
58	The properties of carbon-supported hydrous ruthenium oxide obtained from RuO _x Hy sol. <i>Electrochimica Acta</i> , 2003 , 48, 3805-3813	6.7	63
57	Boron and phosphorus doped glassy carbon: I. Surface properties. <i>Carbon</i> , 1997 , 35, 1567-1572	10.4	60
56	RuO ₂ /TiO ₂ coated titanium anodes obtained by the sol-gel procedure and their electrochemical behaviour in the chlorine evolution reaction. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999 , 157, 269-274	5.1	58
55	On the deactivation mechanism of RuO ₂ /TiO ₂ /Ti anodes prepared by the sol-gel procedure. <i>Journal of Electroanalytical Chemistry</i> , 2005 , 579, 67-76	4.1	54
54	The influence of the aging time of RuO ₂ and TiO ₂ sols on the electrochemical properties and behavior for the chlorine evolution reaction of activated titanium anodes obtained by the sol-gel procedure. <i>Electrochimica Acta</i> , 2000 , 46, 415-421	6.7	47
53	The roles of the ruthenium concentration profile, the stabilizing component and the substrate on the stability of oxide coatings. <i>Journal of Electroanalytical Chemistry</i> , 1992 , 339, 147-165	4.1	40
52	Electrochemical and capacitive properties of thin-layer carbon black electrodes. <i>Journal of Power Sources</i> , 2008 , 181, 186-192	8.9	37
51	Glassy carbon electrodes. <i>Carbon</i> , 2001 , 39, 1207-1216	10.4	33
50	Characterization of the surface and interphase of plasma-treated HM carbon fibres. <i>Composites Part A: Applied Science and Manufacturing</i> , 1997 , 28, 445-452	8.4	29
49	Oxidation of phenol on RuO ₂ /TiO ₂ /Ti anodes. <i>Journal of Solid State Electrochemistry</i> , 2005 , 9, 43-54	2.6	27
48	Morphology of RuO ₂ -TiO ₂ coatings and TEM characterization of oxide sols used for their preparation. <i>Journal of Colloid and Interface Science</i> , 2003 , 263, 68-73	9.3	24
47	Comparison of surface properties of beech- and oakwood as determined by ESCA method. <i>European Journal of Wood and Wood Products</i> , 1996 , 54, 37-41	2.1	24
46	Electrochemical and surface characterization of pH sensor based on bisulfate-doped poly(pyrrole). <i>Electroanalysis</i> , 1997 , 9, 564-569	3	20
45	The effect of surface treatment on the interfacial properties in carbon fibre/epoxy matrix composites. <i>Journal of Materials Science</i> , 1995 , 30, 3543-3546	4.3	19
44	Relationships between structure and activity of carbon as a multifunctional support for electrocatalysts. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 9475-85	3.6	18

43	The effect of the addition of colloidal iridium oxide into sol-gel obtained titanium and ruthenium oxide coatings on titanium on their electrochemical properties. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 7521-8	3.6	16
42	Sol-gel processed thin-layer ruthenium oxide/carbon black supercapacitors: A revelation of the energy storage issues. <i>Journal of Power Sources</i> , 2010 , 195, 3969-3976	8.9	16
41	Capacitive properties of RuO ₂ -coated titanium electrodes prepared by the alkoxide ink procedure. <i>Journal of Electroanalytical Chemistry</i> , 2007 , 609, 120-128	4.1	16
40	Electrocatalytic activity of sol-gel-prepared RuO ₂ /Ti anode in chlorine and oxygen evolution reactions. <i>Russian Journal of Electrochemistry</i> , 2006 , 42, 1055-1060	1.2	16
39	On the use of platinized and activated titanium anodes in some electrodeposition processes. <i>Journal of Solid State Electrochemistry</i> , 1997 , 1, 208-214	2.6	15
38	Olive leaf extract modulates cold restraint stress-induced oxidative changes in rat liver. <i>Journal of the Serbian Chemical Society</i> , 2011 , 76, 1207-1218	0.9	14
37	The properties of electroactive ruthenium oxide coatings supported by titanium-based ternary carbides. <i>Surface and Coatings Technology</i> , 2007 , 202, 319-324	4.4	12
36	Day of the week effect in paper submission/acceptance/rejection to/in/by peer review journals. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016 , 456, 197-203	3.3	12
35	Differences in the electrochemical behavior of ruthenium and iridium oxide in electrocatalytic coatings of activated titanium anodes prepared by the sol-gel procedure. <i>Journal of the Serbian Chemical Society</i> , 2010 , 75, 1413-1420	0.9	11
34	The role of the concentration profile of titanium oxide on the electrochemical behavior of RuO ₂ -TiO ₂ coatings obtained by the sol-gel procedure. <i>Journal of the Serbian Chemical Society</i> , 2003 , 68, 979-988	0.9	11
33	Peer Review of Reviewers: The Author's Perspective. <i>Publications</i> , 2019 , 7, 1	1.7	11
32	Characterization and electrocatalytic application of silver modified polypyrrole electrodes. <i>Journal of the Serbian Chemical Society</i> , 2005 , 70, 41-49	0.9	9
31	Activity and stability of RuO ₂ -coated titanium anodes prepared via the alkoxide route. <i>Journal of the Serbian Chemical Society</i> , 2006 , 71, 1173-1186	0.9	7
30	The Influence of the Aging Time of RuO ₂ Sol on the Electrochemical Properties of the Activated Titanium Anodes Obtained by Sol-Gel Procedure. <i>Materials Science Forum</i> , 2000 , 352, 117-122	0.4	7
29	Day of the week effect in paper submission/acceptance/rejection to/in/by peer review journals. II. An ARCH econometric-like modeling. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017 , 468, 462-474	3.3	6
28	Intrinsic Potential-Dependent Performances of a Sol-Gel-Prepared Electrocatalytic IrO ₂ /TiO ₂ Coating of Dimensionally Stable Anodes. <i>Electrocatalysis</i> , 2012 , 3, 360-368	2.7	6
27	THE ROLE OF SOL-GEL PROCEDURE CONDITIONS IN ELECTROCHEMICAL BEHAVIOR AND CORROSION STABILITY OF Ti/[RuO ₂ -TiO ₂] ANODES. <i>Materials and Manufacturing Processes</i> , 2005 , 20, 89-103	4.1	6
26	Properties of glassy carbon modified by immersing in metal cation solutions. <i>Vacuum</i> , 1990 , 41, 1772-1775	3.5	6

25	The effect of the presence of alcohol in the dispersing phase of oxide sols on the properties of RuO ₂ -TiO ₄ /Ti anodes obtained by the sol-gel procedure. <i>Journal of the Serbian Chemical Society</i> , 2000 , 65, 649-660	0.9	6
24	Morphology and Capacitive Properties of [RuO _x Hy/Low Surface Area Carbon Black] Composite Materials Prepared by Sol Gel Procedure. <i>Materials Science Forum</i> , 2005 , 494, 235-240	0.4	5
23	Modification of glassy carbon in contact with metal ions. <i>Vacuum</i> , 1990 , 40, 95-97	3.7	5
22	Construction and Characterisation of Double Layer Capacitors. <i>Acta Physica Polonica A</i> , 2010 , 117, 228-236	3.6	5
21	Priority criteria in peer review of scientific articles. <i>Scientometrics</i> , 2016 , 107, 15-26	3	4
20	Seasonal Entropy, Diversity and Inequality Measures of Submitted and Accepted Papers Distributions in Peer-Reviewed Journals. <i>Entropy</i> , 2019 , 21,	2.8	4
19	High Energy/Power Supercapacitor Performances of Intrinsically Ordered Ruthenium Oxide Prepared through Fast Hydrothermal Synthesis. <i>ChemElectroChem</i> , 2017 , 4, 2535-2541	4.3	4
18	Tailoring the supercapacitive performances of noble metal oxides, porous carbons and their composites. <i>Journal of the Serbian Chemical Society</i> , 2013 , 78, 2141-2164	0.9	4
17	The effect of the composition of the dispersing medium of oxide sols on the electrocatalytic activity of sol-gel obtained RuO ₂ -TiO ₂ /Ti anodes. <i>Journal of the Serbian Chemical Society</i> , 2001 , 66, 847-857	0.9	4
16	The Influence of Oxide Sol Properties on the Capacitive Behaviour of Carbon Supported Hydrous Ruthenium Oxide. <i>Materials Science Forum</i> , 2004 , 453-454, 133-138	0.4	3
15	A survey on the Journal of the Serbian Chemical Society publishing policies: On the occasion of the 80th volume. <i>Journal of the Serbian Chemical Society</i> , 2015 , 80, 959-969	0.9	3
14	Correlations between submission and acceptance of papers in peer review journals. <i>Scientometrics</i> , 2019 , 119, 279-302	3	2
13	Platinum electrocatalyst supported on glassy carbon: a dynamic response analysis of Pt activity promoted by substrate anodization. <i>RSC Advances</i> , 2014 , 4, 3051-3059	3.7	2
12	Efficiency in managing peer-review of scientific manuscripts - editors' perspective. <i>Journal of the Serbian Chemical Society</i> , 2018 , 83, 1391-1405	0.9	2
11	The hurdles of academic publishing from the perspective of journal editors: a case study. <i>Scientometrics</i> , 2020 , 125, 115-133	3	2
10	Titanium coated with high-performance nanocrystalline ruthenium oxide synthesized by the microwave-assisted sol-gel procedure. <i>Journal of Solid State Electrochemistry</i> , 2016 , 20, 3115-3123	2.6	2
9	How to present and publish research results. <i>Journal of the Serbian Chemical Society</i> , 2014 , 79, 1561-1570.	0.9	1
8	Peer-review process in journals dealing with chemistry and related subjects published in Serbia. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2016 , 22, 491-501	0.7	1

- 7 Oxide electrocatalytic coatings obtained by the sol-gel procedure: Preparation and characterization. *Hemijska Industrija*, **2002**, 56, 208-222 0.6 1
- 6 Electrochemical supercapacitors: Operation, components and materials. *Hemijska Industrija*, **2018**, 72, 229-251 0.6 1
- 5 Is there a need for systematic education on peer-reviewing in Serbia?. *Hemijska Industrija*, **2019**, 73, 275-279 0.6 1
- 4 End view of the 71st Annual meeting of the International Society of Electrochemistry, Belgrade Online. *Hemijska Industrija*, **2020**, 74, 341-349 0.6
- 3 Supercapacitors based on graphene/pseudocapacitive materials. *Journal of the Serbian Chemical Society*, **2017**, 82, 411-416 0.9
- 2 Challenges and doubts of electrochemical energy conversion and storage. *Hemijska Industrija*, **2022**, 76, 43-54 0.6
- 1 Corrigendum u clanku: Izazovi i dileme elektrohemijske konverzije i skladistenja energije, Hem. Ind. 76 (1) 43-54 (2022), <https://doi.org/10.2298/HEMIND220201002D>. *Hemijska Industrija*, **2022**, 6-6 0.6