

# Aleksandar B Dekanski

## List of Publications by Year in Descending Order

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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	Challenges and doubts of electrochemical energy conversion and storage. <i>Hemijska Industrija</i> , <b>2022</b> , 76, 43-54	0.6	
59	Corrigendum u clanku: Izazovi i dileme elektrohemijske konverzije i skladistenja energije, Hem. Ind. 76 (1) 43-54 (2022), <a href="https://doi.org/10.2298/HEMIND220201002D">https://doi.org/10.2298/HEMIND220201002D</a> . <i>Hemijska Industrija</i> , <b>2022</b> , 6-6	0.6	
58	End view of the 71st Annual meeting of the International Society of Electrochemistry, Belgrade Online. <i>Hemijska Industrija</i> , <b>2020</b> , 74, 341-349	0.6	
57	The hurdles of academic publishing from the perspective of journal editors: a case study. <i>Scientometrics</i> , <b>2020</b> , 125, 115-133	3	2
56	Correlations between submission and acceptance of papers in peer review journals. <i>Scientometrics</i> , <b>2019</b> , 119, 279-302	3	2
55	Seasonal Entropy, Diversity and Inequality Measures of Submitted and Accepted Papers Distributions in Peer-Reviewed Journals. <i>Entropy</i> , <b>2019</b> , 21,	2.8	4
54	Is there a need for systematic education on peer-reviewing in Serbia?. <i>Hemijska Industrija</i> , <b>2019</b> , 73, 275-279		
53	Peer Review of Reviewers: The Author's Perspective. <i>Publications</i> , <b>2019</b> , 7, 1	1.7	11
52	Efficiency in managing peer-review of scientific manuscripts - editors' perspective. <i>Journal of the Serbian Chemical Society</i> , <b>2018</b> , 83, 1391-1405	0.9	2
51	Electrochemical supercapacitors: Operation, components and materials. <i>Hemijska Industrija</i> , <b>2018</b> , 72, 229-251	0.6	1
50	High Energy/Power Supercapacitor Performances of Intrinsically Ordered Ruthenium Oxide Prepared through Fast Hydrothermal Synthesis. <i>ChemElectroChem</i> , <b>2017</b> , 4, 2535-2541	4.3	4
49	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> , <b>2017</b> , 468, 462-474	3.3	6
48	Supercapacitors based on graphene/pseudocapacitive materials. <i>Journal of the Serbian Chemical Society</i> , <b>2017</b> , 82, 411-416	0.9	
47	Priority criteria in peer review of scientific articles. <i>Scientometrics</i> , <b>2016</b> , 107, 15-26	3	4
46	Peer-review process in journals dealing with chemistry and related subjects published in Serbia. <i>Chemical Industry and Chemical Engineering Quarterly</i> , <b>2016</b> , 22, 491-501	0.7	1
45	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> , <b>2016</b> , 456, 197-203	3.3	12
44	Titanium coated with high-performance nanocrystalline ruthenium oxide synthesized by the microwave-assisted sol-gel procedure. <i>Journal of Solid State Electrochemistry</i> , <b>2016</b> , 20, 3115-3123	2.6	2

43	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> , <b>2015</b> , 80, 959-969	0.9	3
42	Platinum electrocatalyst supported on glassy carbon: a dynamic response analysis of Pt activity promoted by substrate anodization. <i>RSC Advances</i> , <b>2014</b> , 4, 3051-3059	3.7	2
41	How to present and publish research results. <i>Journal of the Serbian Chemical Society</i> , <b>2014</b> , 79, 1561-1570.	0.9	1
40	Tailoring the supercapacitive performances of noble metal oxides, porous carbons and their composites. <i>Journal of the Serbian Chemical Society</i> , <b>2013</b> , 78, 2141-2164	0.9	4
39	Relationships between structure and activity of carbon as a multifunctional support for electrocatalysts. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 9475-85	3.6	18
38	Intrinsic Potential-Dependent Performances of a Sol-Gel-Prepared Electrocatalytic IrO <sub>2</sub> /TiO <sub>2</sub> Coating of Dimensionally Stable Anodes. <i>Electrocatalysis</i> , <b>2012</b> , 3, 360-368	2.7	6
37	Olive leaf extract modulates cold restraint stress-induced oxidative changes in rat liver. <i>Journal of the Serbian Chemical Society</i> , <b>2011</b> , 76, 1207-1218	0.9	14
36	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> , <b>2010</b> , 75, 1413-1420	0.9	11
35	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> , <b>2010</b> , 12, 7521-8	3.6	16
34	Sol-gel processed thin-layer ruthenium oxide/carbon black supercapacitors: A revelation of the energy storage issues. <i>Journal of Power Sources</i> , <b>2010</b> , 195, 3969-3976	8.9	16
33	Construction and Characterisation of Double Layer Capacitors. <i>Acta Physica Polonica A</i> , <b>2010</b> , 117, 228-233	3.6	5
32	Electrochemical and capacitive properties of thin-layer carbon black electrodes. <i>Journal of Power Sources</i> , <b>2008</b> , 181, 186-192	8.9	37
31	The properties of electroactive ruthenium oxide coatings supported by titanium-based ternary carbides. <i>Surface and Coatings Technology</i> , <b>2007</b> , 202, 319-324	4.4	12
30	Capacitive properties of RuO <sub>2</sub> -coated titanium electrodes prepared by the alkoxide ink procedure. <i>Journal of Electroanalytical Chemistry</i> , <b>2007</b> , 609, 120-128	4.1	16
29	Activity and stability of RuO <sub>2</sub> -coated titanium anodes prepared via the alkoxide route. <i>Journal of the Serbian Chemical Society</i> , <b>2006</b> , 71, 1173-1186	0.9	7
28	Electrocatalytic activity of sol-gel-prepared RuO <sub>2</sub> /Ti anode in chlorine and oxygen evolution reactions. <i>Russian Journal of Electrochemistry</i> , <b>2006</b> , 42, 1055-1060	1.2	16
27	On the deactivation mechanism of RuO <sub>2</sub> /TiO <sub>2</sub> /Ti anodes prepared by the sol-gel procedure. <i>Journal of Electroanalytical Chemistry</i> , <b>2005</b> , 579, 67-76	4.1	54
26	Oxidation of phenol on RuO <sub>2</sub> /TiO <sub>2</sub> /Ti anodes. <i>Journal of Solid State Electrochemistry</i> , <b>2005</b> , 9, 43-54	2.6	27

25	THE ROLE OF SOL-GEL PROCEDURE CONDITIONS IN ELECTROCHEMICAL BEHAVIOR AND CORROSION STABILITY OF Ti/[RuO <sub>2</sub> -TiO <sub>2</sub> ] ANODES. <i>Materials and Manufacturing Processes</i> , <b>2005</b> , 20, 89-103	4.1	6
24	Morphology and Capacitive Properties of [RuO <sub>x</sub> Hy/Low Surface Area Carbon Black] Composite Materials Prepared by Sol Gel Procedure. <i>Materials Science Forum</i> , <b>2005</b> , 494, 235-240	0.4	5
23	Characterization and electrocatalytic application of silver modified polypyrrole electrodes. <i>Journal of the Serbian Chemical Society</i> , <b>2005</b> , 70, 41-49	0.9	9
22	The Influence of Oxide Sol Properties on the Capacitive Behaviour of Carbon Supported Hydrous Ruthenium Oxide. <i>Materials Science Forum</i> , <b>2004</b> , 453-454, 133-138	0.4	3
21	The properties of carbon-supported hydrous ruthenium oxide obtained from RuO <sub>x</sub> Hy sol. <i>Electrochimica Acta</i> , <b>2003</b> , 48, 3805-3813	6.7	63
20	Morphology of RuO <sub>2</sub> -TiO <sub>2</sub> coatings and TEM characterization of oxide sols used for their preparation. <i>Journal of Colloid and Interface Science</i> , <b>2003</b> , 263, 68-73	9.3	24
19	The role of the concentration profile of titanium oxide on the electrochemical behavior of RuO <sub>2</sub> -TiO <sub>2</sub> coatings obtained by the sol-gel procedure. <i>Journal of the Serbian Chemical Society</i> , <b>2003</b> , 68, 979-988	0.9	11
18	Oxide electrocatalytic coatings obtained by the sol-gel procedure: Preparation and characterization. <i>Hemijaska Industrija</i> , <b>2002</b> , 56, 208-222	0.6	1
17	Glassy carbon electrodes. <i>Carbon</i> , <b>2001</b> , 39, 1207-1216	10.4	33
16	Glassy carbon electrodes. <i>Carbon</i> , <b>2001</b> , 39, 1195-1205	10.4	207
15	The effect of the composition of the dispersing medium of oxide sols on the electrocatalytic activity of sol-gel obtained RuO <sub>2</sub> -TiO <sub>2</sub> /Ti anodes. <i>Journal of the Serbian Chemical Society</i> , <b>2001</b> , 66, 847-857	0.9	4
14	The influence of the aging time of RuO <sub>2</sub> and TiO <sub>2</sub> 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> , <b>2000</b> , 46, 415-421	6.7	47
13	The Influence of the Aging Time of RuO <sub>2</sub> Sol on the Electrochemical Properties of the Activated Titanium Anodes Obtained by Sol-Gel Procedure. <i>Materials Science Forum</i> , <b>2000</b> , 352, 117-122	0.4	7
12	The effect of the presence of alcohol in the dispersing phase of oxide sols on the properties of RuO <sub>2</sub> -TiO <sub>4</sub> /Ti anodes obtained by the sol-gel procedure. <i>Journal of the Serbian Chemical Society</i> , <b>2000</b> , 65, 649-660	0.9	6
11	RuO <sub>2</sub> /TiO <sub>2</sub> 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> , <b>1999</b> , 157, 269-274	5.1	58
10	Characterization of the surface and interphase of plasma-treated HM carbon fibres. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>1997</b> , 28, 445-452	8.4	29
9	On the use of platinized and activated titanium anodes in some electrodeposition processes. <i>Journal of Solid State Electrochemistry</i> , <b>1997</b> , 1, 208-214	2.6	15
8	Electrochemical and surface characterization of pH sensor based on bisulfate-doped poly(pyrrole). <i>Electroanalysis</i> , <b>1997</b> , 9, 564-569	3	20

7	Surface characterization of oxidized activated carbon cloth. <i>Carbon</i> , <b>1997</b> , 35, 1047-1052	10.4	170
6	Boron and phosphorus doped glassy carbon: I. Surface properties. <i>Carbon</i> , <b>1997</b> , 35, 1567-1572	10.4	60
5	Comparison of surface properties of beech- and oakwood as determined by ESCA method. <i>European Journal of Wood and Wood Products</i> , <b>1996</b> , 54, 37-41	2.1	24
4	The effect of surface treatment on the interfacial properties in carbon fibre/epoxy matrix composites. <i>Journal of Materials Science</i> , <b>1995</b> , 30, 3543-3546	4.3	19
3	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> , <b>1992</b> , 339, 147-165	4.1	40
2	Modification of glassy carbon in contact with metal ions. <i>Vacuum</i> , <b>1990</b> , 40, 95-97	3.7	5
1	Properties of glassy carbon modified by immersing in metal cation solutions. <i>Vacuum</i> , <b>1990</b> , 41, 1772-1775	3.5	6